



Erin K. Fure
Director, Corporate Counsel
852 Wesley Drive | Mechanicsburg, PA 17055
Phone: 717-550-1556
erin.fure@amwater.com

VIA eFiling

October 14, 2025

PUBLIC VERSION

Matthew L. Homsher, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120

Re: Application of Pennsylvania-American Water Company under Section 1102(a) of the Pennsylvania Public Utility Code, 66 Pa. C.S. § 1102(a), for approval of (1) the transfer, by sale, of substantially all of the Sutersville-Sewickley Municipal Sewage Authority's assets, properties and rights related to its sanitary sewage collection and conveyance system to Pennsylvania-American Water Company; and (2) the right of Pennsylvania-American Water Company to begin to offer and furnish wastewater service to the public in the Borough of Sutersville and in portions of Sewickley Township, Westmoreland County, Pennsylvania

Docket No. A-2025-3056563

Dear Secretary Homsher:

On September 11, 2025, Pennsylvania-American Water Company (the "Company") received Data Request, Set 1, from the Bureau of Technical Utility Services ("Data Requests"), for the above-referenced Application.

Enclosed are the Company's responses and supporting documentation to Data Request Set 1.

Attachment_A-07 and two maps within Attachment_A-21_Redacted have been identified as **CONFIDENTIAL**. The Company will post the **CONFIDENTIAL** version of the responses and supporting documentation on the Commission's SharePoint site. The Company respectfully requests that the **CONFIDENTIAL** version be kept in a non-public folder.

The responses have been served upon the parties listed on the enclosed Certificate of Service.

If you have any questions, please contact me.

Sincerely,

Erin K. Fure

Enclosures

cc: Certificate of Service
Matthew T. Lamb, P.E., Bureau of Technical Utility Services w/Encs. **VIA** Email

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-1. In the Application's Section 25, PAWC-WD indicated that it will adopt the Sutersville- Sewickley Municipal Sewage Authority's (SSMSA's) existing rates for wastewater service at the time of closing, which will be equal to PAWC-WD's effective Rate Zone 2 rates. Also, the Application's Appendix A.1 included a copy of an Asset Purchase Agreement (APA) by and between PAWC-WD and SSMSA for the purchase and acquisition of certain wastewater system assets (Wastewater System) from SSMSA by PAWC-WD. The APA's Article 6.4, Rates, indicated that SSMSA will adopt PAWC- WD's Rate Zone 2 rates, which shall become effective on the closing date and that these rates are reflected in the APA's Schedule 6.4. The APA's Schedule 6.4 indicated that SSMSA will adopt rates at closing that include a treatment (i.e., usage) rate of \$16.68 per 1,000 gallons and monthly flat rates of \$80 and \$112 for metered and unmetered customers, respectively. However, the rates in APA's Schedule 6.4 do not appear to match the Rate Zone 2 rates included in PAWC-WD's *pro forma* wastewater tariff (Pro Forma Tariff), provided as the Application's Appendix B. The Pro Forma Tariff indicated different service charge and usage rates for metered residential and non- residential customers, a usage rate of \$1.668 per 100 gallons for certain metered bulk customers, and monthly flat rates of \$86 and \$104 for certain metered and unmetered customers, respectively. Please provide responses to the following:

- a. Explain the apparent discrepancy between the monthly flat rates presented in the APA's Schedule 6.4 and the Pro Forma Tariff;
- b. Provide either a revised APA Schedule 6.4 and/or a revised Pro Forma Tariff with matching rates; and
- c. Provide a copy of the *pro forma* rate resolution that SSMSA will adopt prior to closing to become effective on the closing date.

- Response:
- a. APA Schedule 6.4 in the Application sets forth SSMSA's current effective rates. The Pro Forma Tariff sets forth the rates that will be effective for transferred SSMSA customers upon the closing of the acquisition. The APA requires that, prior to closing, SSMSA will adopt PAWC's Rate Zone 2 sanitary sewer rates for the customers of the system.
 - b. See **Attachment_A-1.b** for the revised APA Schedule 6.4.

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1
Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

c. See **Attachment_A-1.c**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-2. Please state whether the proposed monthly flat rate for metered customers in the APA's Schedule 6.4 includes any usage allowance (i.e., usage that is not subject to separate usage charges) and clarify the amount of usage included in this usage allowance.

Response: See response to A-1 and **Attachment_A-1.b.**

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-3. PAWC-WD's proof of revenue filed on July 31, 2024, at Docket No. R-2023-3043190, Wastewater CSS Operations, Page 33, Rate Zones 4 and 6 did not identify the proposed metered rates in the APA's Schedule 6.4 as a current or proposed rate for customers other than bulk customers or unmetered customers. Please explain the terms and conditions under which the proposed metered rates in the APA's Schedule 6.4 would be used to calculate charges for non-bulk customers instead of PAWC-WD's Rate Zone 2 monthly service charge rates and usage rates for residential and non-residential customers, and identify the rules and regulations in PAWC-WD's effective tariff that allow PAWC-WD to calculate Rate Zone 2 rates in this manner.

Response: See response to A-1 and **Attachment_A-1.b**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

- A-4. The Application's Appendix A.2 included a copy of the Amended and Restated Intermunicipal Sewage Service Agreement (Elizabeth Agreement) by and between SSMSA and Elizabeth Township dated May 9, 2025. The Elizabeth Agreement's Article 2, Definitions, indicated that the definition for Equivalent Dwelling Unit (EDU) was to be defined by the current resolution of Elizabeth Township. Additionally, the APA's Article 4.1(v) indicated that SSMSA will provide PAWC-WD a complete listing of its customers that includes relevant billing information, such as metering and EDU information. Please provide responses to the following:
- a. Provide a copy of Elizabeth Township's current resolution that defines EDU as it applies to the Elizabeth Agreement;
 - b. Provide SSMSA's definition of an EDU as specified in its current rules and regulations along with the total number of EDUs assigned by SSMSA for the Wastewater System by customer class;
 - c. Explain any discrepancies, if any, between Elizabeth Township's and PAWC-WD's definition of an EDU;
 - d. Explain any discrepancies, if any, between SSMSA's and PAWC-WD's definition of EDU; and
 - e. State whether PAWC-WD will utilize SSMSA's current EDU allocation for each customer to determine monthly flat rates or service charge rates.

- Response:
- a. See **Attachment A-4.a.**
 - b. See **Attachment A.4.b.**
 - c. Elizabeth Township uses the standards set forth in 25 Pa. Code § 73.17 to measure EDUs, and notes that for the basis of calculation, EDU shall be calculated as 269 GPD/EDU. PAWC uses the estimated average daily wastewater flow for business type, as calculated by 25 Pa. Code § 73.17 divided by the typical estimated average daily wastewater flow from a current single-family unit.
 - d. SSMSA set its average daily flow at 223 GPD/EDU, based on a calculation of 2.48 people/household times the average sewage flow per person of 90 GPD. PAWC uses the estimated average daily wastewater flow for business type, as calculated by 25 Pa. Code § 73.17 divided by the typical estimated average daily wastewater flow from a current single-family unit.

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

- e. Under the terms of the APA, prior to closing, SSMSA shall adopt PAWC's Rate Zone 2 sanitary sewer rates for customers of the System. Rate Zone 2 metered customers are not subject to a monthly per EDU service charge and unmetered customers in Rate Zone 2 are subject to a flat fee of \$104 per month.

Name: Dr. Christina E. Chard
Title: Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-5. Please clarify whether PAWC-WD's proposed service charges and flat rates will be calculated using customer EDU allocations and, if so, identify the rules and regulations in PAWC-WD's effective tariff that allow PAWC-WD to calculate Rate Zone 2 rates to be calculated using customer EDU allocations.

Response: PAWC-WD's proposed service charges and flat rates will not be calculated using customer EDU allocations.

Name: Dr. Christina E. Chard
Title: Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

- A-6. The Application's Appendix L.2 included a copy of a Land Use Planning letter dated July 22, 2025, sent by PAWC-WD to the Borough of Sutersville. However, the Application does not appear to include a response from the Borough of Sutersville to the Land Use Planning letter. Please provide responses to the following:
- a. Provide a copy of the response to the Land Use Planning letter from the Borough of Sutersville; or
 - b. Provide a statement that the Application does or does not meet all the applicable requirements or mandates of any adopted comprehensive plans and applicable zoning designations, including any necessary amendments, of the Borough of Sutersville.

Response: The Application does meet all the applicable requirements or mandates of any adopted comprehensive plans and applicable zoning designations, including any necessary amendments, of the Borough of Sutersville.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-7. The Application's Appendix M included a copy of a map (Requested Territory Map) entitled "Proposed Service Territory – Sutersville-Sewickley Sewer System" dated July 16, 2025. However, the Application did not identify the location or route of the Wastewater System nor the elevations of major facilities and the service area. Pursuant to 52 Pa. Code §§ 3.501(a)(2)(ii) and (iv), please provide a copy of a map of suitable scale that identifies the location or route of the Wastewater System including the elevation of major facilities and the service area.

Response: A map identifying the location of the Wastewater System including the elevation of major facilities and the service area is shown in **Confidential Attachment_A-7**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-8. Please provide a breakdown of the estimated pipe sizes, material types, and lengths of the Wastewater System mains and service laterals, and descriptions and quantities for related land, facilities and appurtenances (e.g., real estate parcels, pump stations, manholes, residential grinder pumps identified in the Application's Appendix O.1 Page 5, etc.).

Response: A breakdown of facilities comprising the System is provided in **Attachment A-8**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-9. The Application's Appendix N included a copy of the Borough of Sutersville and portions of Sewickley Township Official Act 537 Sewage Facilities Plan Update (Act 537 Plan Update) prepared by Gannett Fleming, Inc. dated March 2006. The Act 537 Plan Update indicated that the Official Act 537 Sewage Facilities Plan (2001 Act 537 Plan) was approved by the Borough of Sutersville and Sewickley Township in July 2001, and by Pennsylvania Department of Environmental Protection (DEP) via letter dated October 1, 2002. Please provide a complete copy of the 2001 Act 537 Plan including all appendices and maps along with the associated DEP approval letter.

Response: Documents from the original Act 537 Plan project from the years 1999 through 2002 are included in **Attachment A-9**. These are the only documents that were available from a file review at PADEP's Southwest Regional Office and a file search of the Authority's records.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

- A-10. The Application's Appendix H included a copy of a *Pro Forma* Balance Sheet (Pro Forma Balance Sheet) for SSMSA and PAWC-WD for the 12 months ending December 31, 2024. The Pro Forma Balance Sheet's SSMSA Capitalization and Liabilities column did not include an amount for contributions in aid of construction. However, the Act 537 Plan Update indicated that SSMSA received a PENNVEST grant of \$2,746,452 and a Community Development Block Grant from Westmoreland County of \$500,000. Please provide responses to the following:
- a. Explain the apparent discrepancy between the Pro Forma Balance Sheet indicating there have been no contributions in aid of construction and the Act 537 Plan Update that indicated the Wastewater System was constructed with contributions; and
 - b. Provide a revised Pro Forma Balance Sheet that includes the current estimated amount of contributions in aid of construction.

Response: The Company relied upon the unaudited financial statements of Sutersville-Sewickley Municipal Sewage Authority for completion of the *Pro Forma* Balance Sheet, which did not list balances for the contributions in aid of construction. When the depreciated original cost study is completed after the closing of the acquisition, contributions in aid of construction that is identified will be reflected in the final calculation of the depreciated original cost.

Name: Dr. Christina E. Chard
Title: Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-11. The APA's Schedule 4.1(j), Assigned Contracts, indicated the assignment of an Intermunicipal Agreement by and between SSMSA and the Municipal Authority of Westmoreland County Water Usage Agreement (Water Usage Agreement) is contemplated as part of PAWC-WD's acquisition of the Wastewater System. However, the Application does not appear to include a copy of the Water Usage Agreement.

Additionally, the Application's Footnote No. 1 indicated that although the APA lists that the Water Usage Agreement will be an assigned contract, it is anticipated that the contract will be terminated as of January 1, 2026. Please provide responses to the following:

- a. Provide an executed copy of the Water Usage Agreement along with all associated appendices;
- b. Clarify whether PAWC-WD is requesting the Commission issue a Certificate of Filing for the Assignment of the Water Usage Agreement pursuant to 66 Pa.C.S. § 507 as an amendment to the Application; and
- c. Explain how PAWC-WD intends to obtain the water usage data necessary to determine wastewater usage charges for SSMSA customers after termination of the Water Usage Agreement.

Response:

- a. See **Attachment A-11.a** for the unexecuted copy of the Intermunicipal Agreement by and between SSMSA and the Municipal Authority of Westmoreland County. Upon information from SSMSA, no version of the agreement that includes signatures of the parties exists.
- b. PAWC-WD is not requesting the Commission to issue a Certificate of Filing for the Assignment of the Water Usage Agreement pursuant to 66 Pa. C.S. § 507 as an amendment to the Application.
- c. PAWC-WD has an existing Agreement for Providing Wastewater Consumption Readings executed with the Municipal Authority of Westmoreland County. A copy of this agreement is on file at Docket No. U-2018-3003922. A Certificate of Filing was entered by the Commission at Docket No. U-2018-3003922 on September 10, 2018.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-12. Please state how customers of SSMSA currently receive water service and identify the entities providing water service to SSMSA customers.

Response: The majority of SSMSA customers receive water service from the Municipality Authority of Westmoreland County's Indian Creek water system (PWSID No. 5260036). A small number (less than 5) have private water supplies.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-13. In the Application's Section 23.a., PAWC-WD indicated that it has a tentative 5-year plan for upgrades to the Wastewater System for an investment of over \$760,000. Please provide a description of the upgrades along with the associated projected cost, by major plant account and year.

Response: A description of the capital investment plan for the SSMSA Wastewater System is provided in **Attachment_A-13**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-14. Please indicate the anticipated source of funds for the estimated \$760,000 in system improvements PAWC-WD is projecting it will invest in the Wastewater System over the next five years.

Response: The Company will initially finance using short-term debt and will refinance using a mix of long-term debt and equity.

Name: Dr. Christina E. Chard
Title: Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-15. In the Application's Appendix F, PAWC-WD provided a copy of SSMSA's Income Statement (SSMSA Income Statement) for the 12 months ending December 31, 2024. The SSMSA Income Statement appears to indicate that SSMSA is operating the Wastewater System at a net loss of \$70,000. In the Application's Appendix P, PAWC- WD provided a copy of its estimated annual revenues and expenses for the requested service territory for year one that is projected to have a net loss of \$83,000. Pursuant to 52 Pa. Code § 3.501(a)(5)(i), a detailed explanation of the source of funds to be used to subsidize the estimated losses in support of future viability shall be provided if the operating income reflects a loss. Please provide responses to the following:

- a. Provide a detailed explanation of the source of funds to be used to subsidize the estimated losses in support of future viability; and
- b. Explain how this acquisition is in the interest of PAWC-WD's existing customers based on PAWC-WD's projected net loss for the Wastewater System.

Response:

- a. The Company will rely upon its existing operations to subsidize the estimated losses from the operations of SSMSA until the next general rate case.
- b. Although the SSMSA system is projected to operate at a net loss in the short term initially following the transactional close, the acquisition benefits PAWC-WD's existing customers by adding approximately 490 more customers to PAWC's system which increases PAWC's customer base over which existing costs and future rates are recovered, thereby stabilizing or reducing per-customer costs over the long term.

Name: Dr. Christina E. Chard
Title: Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-16. In the Application's Section 23.f., PAWC-WD indicated that it intends to retain for a limited time immediately following the close of the acquisition the contract operator of the Wastewater System, D&B Environmental. Please provide a projected schedule for PAWC-WD to assume the daily operation of the Wastewater System from D&B Environmental.

Response: A projected schedule is not available at this time. PAWC-WD anticipates utilizing the services of SSMSA's current contract operator (D&B Environmental) until the personnel from PAWC-WD's McKeesport system are fully trained in the operations and maintenance procedures of the SSMSA facilities and are ready to take over day-to-day operations.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-17. Please provide a copy of the current SSMSA-approved wastewater rates, rules and regulations along with the associated approval resolutions and/or ordinances and specifically identify any applicable tapping or reserved capacity fees.

Response: SSMSA's approved wastewater rates are \$80/month for operation, maintenance and debt service and \$16.68 per 1000 gallons for metered customers. Unmetered customers are billed a flat monthly charge of \$112.00 for operation, maintenance, debt service and treatment. These rates were set by motions passed by the SSMSA Board at their regularly scheduled public meeting on September 9, 2024. A copy of the meeting minutes is provided in **Attachment_A-17**.

The Tapping Fee consists of a Collection component equal to \$1445.05, payable to SSMSA, and a Capacity component equal to \$4500, payable to Elizabeth Township. Refer to item A-18 response for more details.

Name: Dr. Christina E. Chard
Title: Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-18. 53 Pa.C.S. § 5607(d)(24)(ii) requires municipal authorities to have available for public inspection a detailed itemization of all calculations showing the maximum fees allowable for each part of the tapping fee and the manner in which the fees were determined (Tapping Fee Study). Please provide a copy of SSMSA's most recent Tapping Fee Study.

Response: Refer to **Attachment_A-18**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-19. Please indicate if the Borough of Sutersville or Sewickley Township have a mandatory wastewater connection ordinance and, if applicable, whether all properties in the requested territory are in compliance with the ordinance(s).

Response: Both Sewickley Township and Sutersville Borough have mandatory wastewater connection ordinances. SSMSA believes and has verified through records that to date only one property remains unconnected, has no water service, and has been lienied.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1
Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-20. Please provide a copy of SSMSA's most recent Chapter 94 Municipal Wasteload Management Report submitted to DEP.

Response: A copy of SSMSA's Chapter 94 Municipal Wasteload Management Report for calendar year 2024 is provided in **Attachment_A-20**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-21. In the Application's Section 23.b., PAWC-WD indicated that the wastewater collected in the Wastewater System will ultimately be treated by PAWC-WD's McKeesport wastewater treatment plant (McKeesport WWTP). Please provide a copy of PAWC- WD's most recent Chapter 94 Municipal Wasteload Management Report for the PAWC- WD McKeesport WWTP and collection system submitted to DEP.

Response: A copy of the Chapter 94 Municipal Wasteload Management Report for calendar year 2024 for PAWC-WD's McKeesport WWTP is provided in **Attachment_A-21_REDACTED**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-22. Please provide the permitted treatment capacity and maximum monthly flow for the PAWC-WD McKeesport WWTP.

Response: The permitted treatment capacity of the McKeesport WWTP is 19 million gallons per day. Monthly flows at the WWTP for calendar year 2024 are summarized in Attachment A of the Chapter 94 Municipal Wasteload Management Report referenced in the response to item A-21. Note, the flow and organic loading data shown in the 2024 Chapter 94 Municipal Wasteload Management Report already reflect the contribution of sewage from SSMSA.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-23. Please confirm that PAWC-WD can provide adequate wastewater collection, treatment, and disposal capacity to meet present and future customer demands.

Response: Refer to Section 2., Hydraulic Loading (§94.12(a)1), Section 3., Organic Loading (§94.12(a)2), Section 4., Basis of Loading Projections (§94.12(a)3), and Section 5., Projected Overload Conditions, of the Chapter 94 Municipal Wasteload Management Report referenced in the response to item A-21. Note, the flow and organic loading evaluations in these sections of the report already reflect the contribution of sewage from SSMSA.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1

Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-24. Please quantify the average monthly wastewater usage for SSMSA customers for the preceding twelve (12) months.

Response: The average monthly wastewater usage for SSMSA customers for the preceding 12 months was 2,475 gallons.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1
Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-25. Please provide an estimate of the number of customer connections, by customer class, anticipated to connect to the SSMSA System within the next five years along with the projected wastewater flows.

Response: In response to this data request, SSMSA queried both Sutersville Borough and Sewickley Township. Both municipalities indicated only minimal change in the number of customer connections is expected over the next five years. Sutersville Borough is constrained by their corporate boundaries and Sewickley Township is not aware of any imminent developments.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1
Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-26. Please provide a copy of the certified operator's certificate for the operator PAWC-WD intends to assign to the SSMSA System.

Response: Copies of the certified operator's certificates for operators from PAWC-WD's McKeesport system that be assigned as Operators in Responsible of the SSMSA system are provided in **Attachment_A-26**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

Pennsylvania-American Water Company's Responses to TUS Data Request Set 1
Application of Pennsylvania-American Water Company – Wastewater Division for approval of the right to: (1) acquire certain wastewater system assets from Sutersville-Sewickley Municipal Sewage Authority; and (2) begin to offer, render, furnish or supply wastewater service to the public in the Borough of Sutersville and portions of Sewickley Township, Westmoreland County, Pennsylvania at Docket No. A-2025-3056563

A-27. Please provide copies of SSMSA's two most recent annual financial statements filed with the Department of Community and Economic Development.

Response: Copies of SSMSA's 2023 and 2024 annual financial statements are provided in **Attachment_A-27**.

Name: Tracy J. Baer, P.E.
Title: Senior Manager, Business Development
Pennsylvania-American Water Company

**SCHEDULE 6.4
SELLERS RATES**

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Industrial, Municipal and Bulk classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)

All metered customers shall be subject to a monthly or quarterly service charge.

A. <u>Residential</u>	
Service Charge per month:	\$20.00
Usage Charge per 100 gallons:	\$2.6117
B. <u>Commercial</u>	
Service Charge per month:	\$40.00
Usage Charge per 100 gallons:	\$2.1320
C. <u>Industrial</u>	
Service Charge per month:	\$40.00
Usage Charge per 100 gallons:	\$2.1320
D. <u>Municipal</u>	
Service Charge per month:	\$40.00
Usage Charge per 100 gallons:	\$2.1320
E. <u>Special Rate Charges</u>	
Bulk Customers – Versailles, Elizabeth, Liberty, Glassport, Lincoln, North Versailles, White Oak and East McKeesport	
Usage Charge per 100 gallons:	\$1.6680
Flat Rate Account	
Per month, based on 6,000 gallons per month:	\$86.00
Per quarter, based on 18,000 gallons per quarter:	\$258.00

Provided sewage flow meters are installed, on or after January 1, 2018, during any billing period in which the gross volume of sewage from the municipality exceeds 350% of the aggregate quantity of water used by the municipality's water users, the municipality shall pay PAWC's prevailing rates for handling the excess, in addition to the sewage charges set forth above.

UNMETERED CHARGES

This charge is a flat fee of \$104.00 per month for all customers not metered for water consumption. All flat rates will be billed monthly.

RESOLUTION NO. 3 OF 2025

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY

**A RESOLUTION APPROVING THE CHANGE TO CUSTOMER
COLLECTION AND TREATMENT RATES**

The Sutersville-Sewickley Municipal Sewage Authority (herein “Authority”) does hereby adopt this Resolution approving the change to customer collection and treatment rates.

WHEREAS, the Authority is a municipal authority organized and existing under the laws of the Commonwealth of Pennsylvania; and,

WHEREAS, pursuant to 53 Pa.C.S.A. § 5607(13), the Authority is granted the right and power to make contracts of every name and nature and to execute all instruments necessary or convenient for the carrying on of its business; and,

WHEREAS, the Authority was formed for the purpose of constructing, owning, and operating a sewage collection and conveyance system to service properties located within the Borough of Sutersville and portions of Sewickley Township; and,

WHEREAS, the Authority has entered into an agreement to sell the assets of the authority to Pennsylvania American Water Company (PAWC); and,

WHEREAS, the Authority currently charges the following sewer user fees and treatment charges to customers of the Authority: \$80.00 per month for operation, maintenance and debt service, with treatment billed at \$16.68 per 1000 gallons of usage, and unmetered customers billed a flat monthly fee of \$112.00 for operation, maintenance, debt service and treatment; and,

WHEREAS, upon completion of the sale to PAWC, the Authority has agreed to charge their customers the same user fees and treatment charges as shown on the attached Supplement No. 52 to Tariff Wastewater PA P.U.C. No. 16.

NOW THEREFORE, BE IT RESOLVED AND IT IS HEREBY RESOLVED AS FOLLOWS:

Section 1
Approval and Execution of Customer Collection and Treatment Charges

The form, terms and conditions of the customer collection and treatment charges shall be as follows:

SCHEDULE OF RATES RATE ZONE 2 – COMBINED SEWER SYSTEM (“CSS”) METERED AND UNMETERED

APPLICABILITY The rates as set forth below will be in effect for all former customers of the Sutersville Sewickley Municipal Sewage Authority

AVAILABILITY The rates under this schedule are available to customers in the Residential, Commercial, Industrial, Municipal and Bulk classes. METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC’s discretion) All metered customers shall be subject to a monthly or quarterly service charge.

- A. Residential Service Charge per month: \$20.00; Usage Charge per 100 gallons: \$2.6117
- B. Commercial Service Charge per month: \$40.00 Usage Charge per 100 gallons: \$2.1320
- C. Industrial Service Charge per month: \$40.00 Usage Charge per 100 gallons: \$2.1320
- D. Municipal Service Charge per month: \$40.00 Usage Charge per 100 gallons: \$2.1320
- E. UNMETERED CHARGES This charge is a flat fee of \$104.00 per month for all customers not metered for water consumption. All flat rates will be billed monthly.

**Section 2
Completion of Transaction**

The proper officers of the Authority are hereby authorized, empowered and directed on behalf of the Authority to execute any and all papers and documents and to do and cause to be done any and all actions or things necessary or proper for the execution or carrying out of this Resolution.

**Section 3
Effective Date**

This Resolution shall take effect on the date of the Closing of the Sale of the Authority's Assets to Pennsylvania American Water Company.

**Section 4
Repeal**

All resolutions or parts of resolutions which are contrary to or conflict with the provisions of this Resolution are hereby repealed to the extent necessary to give this Resolution full force and effect.

**Section 5
Public Meeting**

It is acknowledged that this Resolution is being duly adopted by the Authority at a public meeting convened on the 3rd day of November 2025.

ADOPTED on this 3rd day of November 2025.

SUTERSVILLE-SEWICKLEY MUNICIPAL
SEWAGE AUTHORITY:

By: _____
Bruce Riley, Chairman

Attest:

Scott Demers, Secretary

(Authority Seal)

§ 203. General Rates.

The rates for said sewage use and/or sewage treatment plan use to premises serviced within the service area of the Township shall be as follows:

1. **Water Meter Users.** The following schedule of rates shall be applicable to users of metered water, and the charges shall be based on the annual quantity of water delivered to each water user as measured by the most recent available water meter reading.
2. **Rates.**
 - A. **Minimum Monthly Charge:** \$42 per month for usage up to 2,000 gallons, and for each additional usage in excess of 2,000 gallons, and additional \$0.0075 per gallon. Any fraction of 100 gallons shall be calculated as 100 gallons.
 - B. Each user shall be required to pay for each monthly billing cycle the minimum residential user's fee of \$42, and the computed user's fee for the amount of water usage in excess of the 2,000 monthly gallons.
3. **Other Water Users.** The quantity of water used by water users other than those referred above shall be estimated by the Township, and each such water user's sewage charge shall be calculated by applying the schedule of rates set forth above to the estimated quantity, unless proof is established that the customer's usage is less.
4. **Homeowners' Swimming Pools.** Private homeowners who install new swimming pools who receive an adjustment for the water used to fill the pool upon providing to the Township a copy of the deduct meter read. Additionally, the amount of gallons required to fill a pool will be determined by the volume of the pool. The mathematical formula for volume is length times width times height. For pool owners who request an adjustment for the pool, the account holder must submit to the designated collector the request together with the deduct meter read and the pool dimensions.
5. **Nonresidential/Commercial Connections.** Service accounts other than single-family and/or multiple dwelling units accounts, the following minimum charges shall be applied: For equivalent dwelling unit (EDU) for nonresidential/commercial buildings, EDU shall be determined according to standards set forth in PA Code Title 25, Chapter 73, Section 7317, Sewage Flows, or any amendments thereto. For basis of calculation, EDU shall be calculated as 260 gallons per day per equivalent dwelling unit.

RESOLUTION NO. 2 OF 2007

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY

A RESOLUTION ESTABLISHING THE AMOUNT OF THE TAPPING FEE TO BE CHARGED BY THE AUTHORITY FOR CONNECTION TO THE PUBLIC SANITARY SEWER SYSTEM IN ACCORDANCE WITH ACT 57 OF 2003

The Sutersville-Sewickley Municipal Sewage Authority (hereinafter "Authority") does hereby adopt this Resolution establishing the amount of the Tapping Fee to be charged by the Authority for connection to the Public Sanitary Sewer System in accordance with Act 57 of 2003.

WHEREAS, the Authority is completing construction of a Public Sanitary Sewer System which will provide for the collection and conveyance of sanitary sewage from certain properties located within the Authority's service area for treatment at a treatment plant owned and operated by the Elizabeth Township Sanitary Authority; and,

WHEREAS, the Authority intends to charge a Tapping Fee to property owners who desire to or are required to connect to the Authority's Public Sanitary Sewer System in accordance with the provisions of Act 57 of 2003; and,

WHEREAS, the Authority heretofore authorized and directed its Engineer, Gannett Fleming, to calculate the maximum amount of the Tapping Fee the Authority can charge in accordance with Act 57 of 2003; and,

WHEREAS, the Engineer completed a calculation of the maximum amount of the Tapping Fee the Authority can charge for connection to the Public Sanitary Sewer System in accordance with Act 57 of 2003; and,

WHEREAS, the Authority received the Tapping Fee calculations prepared by its Engineer at its regular public meeting held on July 10, 2006; and,

WHEREAS, the Authority desires to establish the amount of the Tapping Fee to be charged for connection to the Public Sanitary Sewer System in accordance with Act 57 of 2003;

NOW THEREFORE, BE IT RESOLVED AND IT IS HEREBY RESOLVED AS FOLLOWS:

**Section 1
Tapping Fee**

1.1. From and after the adoption of this Resolution, the Authority shall charge a Tapping Fee in the amount of \$1,445.00 to be paid to the Authority by property owners desiring or required to connect to the Authority's Public Sanitary Sewer System. This amount is for the collection component of the Tapping Fee as determined by the Authority's Engineer and as set forth in the Preliminary Act 57 Tap-In Fee Computation dated July, 2006, a copy of which is attached to this Resolution.

**Section 2
Exemption From Tapping Fee**

2.1. A property owner may be exempt from the payment of the Tapping Fee provided all of the following conditions have been satisfied:

- A. The structure being connected to the Public Sanitary Sewer System was in existence as of September 11, 2006;
- B. The structure is located within the Authority's service area;
- C. The property owner applies for and obtains a Connection Permit prior to the structure being connected to the Public Sanitary Sewer System; and,
- D. For structures being connected to that portion of the Public Sanitary Sewer System constructed by Kukurin Contracting under Contract 3, the connection is made on or before January 9, 2008, and for structures being connected to that portion of the Public Sanitary Sewer System constructed by Borbonus Construction Corporation under Contract 4, the connection is made on or before 180 days of the date the Authority's Engineer certifies to the Authority

that construction of that portion of the Public Sanitary Sewer System is substantially complete.

Section 3
Elizabeth Township Sanitary Authority Connection Fee

3.1. The Tapping Fee shall be in addition to the Connection Fee charged by the Elizabeth Township Sanitary Authority pursuant to Article 7 of the Intermunicipal Authorities Sewage Service Agreement For The Sutersville-Sewickley Municipal Sewage Authority Service Area entered into between the Authority and Elizabeth Township Sanitary Authority and dated September 11, 2006. The amount of said connection fee is currently \$4,500.00, which amount may be increased once every five years. The Connection Fee and Tapping Fee shall be paid by the property owner to the Authority at the time the Connection Permit Application is submitted. Upon approval of the Connection Permit Application and issuance of a Connection Permit, the Authority shall promptly forward payment of the Connection Fee to the Elizabeth Township Sanitary Authority.

Section 4
Increase In Tapping Fee

4.1. No increase in the amount of the Tapping Fee shall be approved without the Authority first authorizing its Engineer to recalculate the maximum amount the Authority is then permitted to charge under applicable law. In no event shall the amount of the Tapping Fee exceed the maximum amount the Authority is then permitted to charge as determined by the Engineer in accordance with applicable law. Approval of any increase in the amount of the Tapping Fee shall be by Resolution which shall have attached thereto a copy of the Engineer's recalculation of the maximum amount the Authority is permitted to charge under applicable law.

Section 5
Effective Date

5.1. This Resolution shall take effect on the date of its adoption.

**Section 6
Repeal**

6.1. All resolutions or parts of resolutions which are contrary to or conflict with the provisions of this Resolution are hereby repealed to the extent necessary to give this Resolution full force and effect.

**Section 7
Public Meeting**

7.1. It is acknowledged that this Resolution is being duly adopted by the Authority at a public meeting held on the 6th day of August, 2007.

**Section 8
Severability**

8.1. If any provision, sentence, clause, section or other part of this Resolution is found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or other parts of this Resolution.

Duly adopted this 6th day of August, 2007.

SUTERSVILLE-SEWICKLEY
MUNICIPAL SEWAGE AUTHORITY:

By:


Lisa Szczerba, Vice Chairman

Attest:


J. William Ringbloom, Secretary

(Authority Seal)



SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
PRILIMINARY ACT 57 TAP-IN FEE COMPUTATION
RATIONALE/FACTS
JULY 2006

A. CONNECTION FEE

The average cost of the connection from the Authority's line to the property line or curb based upon recent construction prices for this work.

Since the Authority constructs the sanitary sewer facilities for this connection this fee is not charged by the Authority.

B. CUSTOMER FACILITIES FEE

The average cost of connection from the property line or curb to the structure based upon recent construction prices for this work.

Since the property owner or builder constructs the sanitary sewer facilities for this connection this fee is not charged by the Authority.

C. TAPPING FEES

1. Capacity Component

- | | | |
|----|----------------------------|--------------------|
| a. | Wastewater Treatment Plant | As charged by ETSA |
| b. | Interceptor Sewers | As charged by ETSA |

2. Collection Component

- | | |
|----|--|
| a. | Design Capacity – 0.790 MGD |
| b. | Project Cost (2006) – 8,371,757.00 |
| c. | Less Pennvest Grant - \$2,746,452.00 |
| d. | Less CDBG Grant - \$500,000.00 |
| e. | Collector Cost (2006) - \$5,125,305.00 |

Collection Sewer Subsystems Component	
($\$5,125,305.00 / 790,000 \text{ GPD}$) =	\$6.48 / GPD

- | | | |
|----|---------------------------|----|
| 3. | Special Purpose Component | NA |
| 4. | Reimbursable Component | NA |

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
PRILIMINARY ACT 57 TAP-IN FEE COMPUTATION
July 2006

DETERMINATION OF AVERAGE DAILY FLOW PER EDU

The Sutersville-Sewickley Municipal Sewage Authority serves customers in both Sutersville Borough and Sewickley Township. Therefore, the population density for the Commonwealth of Pennsylvania from the 2000 Census (2.48 people/household) will be used, along with the average sewage flow per person of 90 GPD, in accordance with Act 57, for an average daily flow of 223 GPD/EDU.

TAP FEE SUMMARY

Capacity Component	As charged by ETSA
Collection Component	$\$6.48 \times 223 \text{ GPD/EDU} = \$1,445.05 \text{ per EDU}$

Maximum Tapping Fee = \$1,445.05 per EDU plus the ETSA Tap Fee Capacity Component.

CONFIDENTIAL ATTACHMENT_A-7

A map identifying the location of the Wastewater System including
the elevation of major facilities and the service area

Attachment A-8

Facility	Quantity
4-inch PVC force main	12,000 LF
6-inch PVC sanitary sewer	13,500 LF
8-inch ductile iron force main	1,300 LF
8-inch PVC sanitary sewer	26,500 LF
8-inch ductile iron sanitary sewer	1,700 LF
10-inch PVC sanitary sewer	7,000 LF
Manholes	330
Single residence grinder pumps	10
Sewage lift stations	3

Lift station details	Capacity
Sutersville pump station	190,000 gpd
Gratztown pump station	51,000 gpd
Lowber pump station	39,000 gpd



Pennsylvania Department of Environmental Protection

Armbrust Professional Center
RR #2, Box 603-C
Greensburg, PA 15601-8739

December 29, 1999

Greensburg District Office

724-925-5400

Sutersville Borough
c/o Jan Merlino, President
320 Municipal Avenue
Sutersville, PA 15083

SEW: Correspondence

Re: Act 537 Plan Update
POS/TAR
Sutersville Borough/Sewickley Township
Westmoreland County

Dear Mr. Merlino:

The Department has reviewed the December 1, 1999 Plan of Study (POS) and Task Activity Report (TAR) for the Sutersville Borough/Sewickley Township Sewage Facilities Plan Update. The POS/TAR is acceptable and you should proceed with completing the proposed plan update.

The plan update should examine as one of its alternatives, the feasibility of installing a sewer line under the Youghiogheny River and connecting into Elizabeth Township Sanitary Authority's sewer system.

We will expect Sutersville Borough to coordinate their planning activities with the Sewickley Township Supervisors by corresponding/meeting with them.

Act 537 Planning Assistance Grants are available to municipalities upon completion of the Plan Update and approval of the Update by the Department. Payment of 50% funding grant will be contingent upon a complete grant application.

Should you have any further questions concerning the POS or the Update Plan, please contact me at 724-925-5422.

Sincerely,

Judy L. Self

Judy L. Self
Sewage Planning Specialist 2
Water Quality

cc: Greensburg Files
Pittsburgh Files
Gannet Fleming, Inc.
Sewickley Township Supervisors

bcc: Jack Crislip

**BOROUGH OF SUTERSVILLE
SEWICKLEY TOWNSHIP**

ACT 537 PLAN SUMMARY

**AMENDMENTS TO THE APPROVED ACT 537 PLAN FOR THE
BOROUGH OF SUTERSVILLE AND SEWICKLEY TOWNSHIP
DATED JULY 2001**

The Act 537 Plan was approved by Sutersville Borough and Sewickley Township and submitted to the Pennsylvania Department of Environmental Protection (PaDEP) in July of 2001. PaDEP approved the Act 537 Plan by letter dated October 1, 2002.

The Act 537 study area is defined as the entire Borough of Sutersville, the built up portions of Sewickley Township adjacent to the Borough of Sutersville, and Gratztown and Lowber in Sewickley Township. The establishments in the study area currently utilize on-lot septic systems for sewage disposal.

Five alternatives for providing public sewage facilities to the study area were considered during the development of the Act 537 Plan. The alternatives were:

1. Construct a treatment plant in Sutersville Borough to serve the study area.
2. Construct a treatment plant in Scott Haven, Sewickley Township to serve the study area.
3. Pump sewage across the Youghiogheny River to the Elizabeth Township Sanitary Authority for treatment.
4. Pump sewage from the study area upstream to West Newton for treatment.
5. Pump sewage across the Youghiogheny River to the Rostraver Township Sanitary Authority for treatment.

Preliminary layouts of sewer lines, pump stations and treatment plant locations were developed for each of these alternatives. Estimated project costs for each of the alternatives were calculated based on the lengths. These costs included "soft costs" for engineering design, legal fees, rights-of-ways, contingency, and administrative costs. For the alternatives where sewage is to be conveyed to a neighboring treatment authority, the project cost included the total projected tap-in fee expected to be charged for connecting to the adjacent system as well as any anticipated costs to expand the existing treatment facility to handle flows from the Study Area. Four project funding scenarios were evaluated for each of the five alternatives.

The results of the alternatives analysis were discussed at a joint meeting between the Borough of Sutersville and Sewickley Township on May 2, 2000. Alternatives 3, 4 and 5 were discounted based high monthly estimated user costs and uncertainty how much the fees from the neighboring systems would increase in the future. Alternative 1 was the most cost effective option, however there was concern as to whether a suitable treatment plant site could be found in the Borough of Sutersville to serve the sewage needs of the community. Therefore, Alternative 2 was chosen as the best option to provide sewage treatment facilities to the study area.

The Sutersville Borough and Sewickley Township formed the Sutersville-Sewickley Municipal Sewage Authority (SSMSA) to implement the recommended alternative in the Act 537 Plan. The design for the Project was completed in the summer of 2004 and an application for funding was submitted to the Pennsylvania Infrastructure Investment Authority (PENNVEST). In March 2005 the SSMSA accepted a 30-year loan at 1 percent interest in the amount of \$4,200,533.00, and a \$2,746,452.00 grant from PENNVEST. The SSMSA also received a \$500,000.00 grant from the Westmoreland County Department of Planning and Development for this Project.

In December 2005 the SSMSA received bids for the construction of their proposed Sanitary Sewer Project. Summarized below are the Bid Amount and the original construction Budget per Contract:

<u>Contract Number</u>	<u>Contractor</u>	<u>CONSTRUCTION COST</u>	
		<u>Bid Amount</u>	<u>Original Estimated Budget</u>
1	Galway Bay Corporation	\$3,614,000	\$1,330,000
2	Lanco Electric, Inc.	\$1,074,000	\$600,000
3	Kukurin Contracting, Inc.	\$3,666,666	\$2,437,700
4	Kukurin Contracting, Inc.	\$1,678,910	\$1,311,100

Attached in Appendix A is a summary of the Original Estimated Project Budget and a Revised Estimated Project Budget using the construction bids received. The Original Estimated Project budget was \$7,446,985.00 and the Revised Estimated Project Budget totals \$11,659,565.00. Also attached in Appendix A is the Total Average Monthly Charge calculation per Equivalent Dwelling Unit (EDU) for each Budget. The Original Estimated Project budget of \$7,446,985.00 had a Total Average Monthly Charge per EDU of \$42.92. Using the \$11,659,565.00 Revised Estimated Project Budget, the Total Average Monthly Charge per EDU increased from \$42.92 to \$67.60. This calculation assumes the additional PENNVEST loan would be a loan at 1% interest for 30 years.

Because of the high Total Average Monthly Charge per EDU based on the Bids received, the SSMSA elected to reject all Bids and re-evaluate the Planning process relative to their treatment options. As previously stated three (3) alternatives utilizing neighboring systems were investigated for treatment in the Act 537 Plan. Alternatives No 2 through 5 listed above were again evaluated and it was determined that pumping sewage across the Youghiogheny River to the Elizabeth Township Sanitary Authority for treatment was a viable option. Connection to West Newton for treatment was eliminated because of treatment plant capacity issues. Rostraver Township Sanitary Authority was eliminated due to high connection cost to their system.

The SSMSA met with representative of the Elizabeth Township Sanitary Authority (ETSA) and obtained the following terms for interconnection to their systems for treatment:

1. Capital contribution - \$900.00 per existing EDU.
2. Sewage rate of \$15.75 per month for the first 3,000 gallons and \$3.95 per 1,000 gallons thereafter.

The following two alternatives to providing public sewage facilities to the study area were considered during the development of this Amendment to the Act 537 Plan:

1. SSMSA Treatment Plant - Construct a treatment plant in Scott Haven, Sewickley Township to serve the study area.
2. ETSA Treatment Plant - Pump sewage across the Youghiogheny River to the Elizabeth Township Sanitary Authority for treatment.

The estimated Project Budget and Funding breakdown for each of these alternatives are presented in Appendix B. Also attached in Appendix B is a summary of the estimated average monthly charge per EDU for each alternative. The estimated average monthly charge per EDU for each alternative is as follows:

- | | |
|--|-------------------|
| 1. Alternative No. 1 – SSMSA Treatment Plant | \$67.60 per month |
| 2. Alternative No. 2 – ETSA Treatment Plant | \$58.64 per month |

Implementation Schedule

Task or Milestone	Target Date
Revise PENNVEST Offer	March 22, 2006
Advertise Act 537 Revised Plan Public Notice	March 24, 2006
Submit Revised Act 537 Plan to PaDEP	March 25, 2006
Issue Unit Draft Debt Act Report	March 27, 2006
Advertise For Construction Bids	April 3, 2006
Submit Revise Part II Permit Application To PaDEP	April 4, 2006
Open Construction Bids	April 25, 2006
Public Meeting to Receive Comments on Revised Act 537 Plan	April 27, 2006
Award Construct Contracts	May 1, 2006
Submit Unit Debt Act Report to DECD	May 3, 2006
PENNVEST Closing	May 23, 2006
Issue Construction Notice to Proceed	May 29, 2006
Construction Completed	December 2006
System Start-up	January 2007
Issue Notice For Sewer Connection	March 2007

APPENDIX A

Sutersville-Sewickley Municipal Sewage Authority
Sanitary Sewer Project
Proposed Budget and Funding

EXPENDITURES	2005 PENNVEST <u>LOAN OFFER</u>	AS-BID <u>PROJECT COST</u>
1 Administration Cost		
Advertising	\$ 2,000.00	\$ 2,000.00
2 Legal Fees		
Bialon & Bialon	\$ 7,960.00	\$ 7,960.00
Richard Schimizzi	\$ 20,000.00	\$ 20,000.00
Subtotal	\$ 27,960.00	\$ 27,960.00
3 Financing Costs		
McGrawth & Lawrence	\$ 1,550.00	\$ 1,550.00
Pepper Hamilton	\$ 23,150.00	\$ 23,150.00
Richard Schimizzi	\$ 5,000.00	\$ 5,000.00
Subtotal	\$ 29,700.00	\$ 29,700.00
4 Capitalized Interest	\$ 70,000.00	\$ 70,000.00
5 A/E Fees		
Keddal	\$ 1,689.00	\$ 1,689.00
Gannett Fleming - Design	\$ 438,290.00	\$ 438,290.00
Gannett Fleming Constr.	\$ 293,000.00	\$ 293,000.00
Subtotal	\$ 732,979.00	\$ 732,979.00
6 Permits		
NPDES Permit	\$ 500.00	\$ 500.00
Part II Permit	\$ 500.00	\$ 500.00
NPDES Storm Water	\$ 250.00	\$ 250.00
CSX Permit	\$ 5,900.00	\$ 5,900.00
Subtotal	\$ 7,150.00	\$ 7,150.00
7 Land		
Gannett Fleming	\$ 75,000.00	\$ 75,000.00
Richard Schimizzi	\$ 15,000.00	\$ 15,000.00
Hayden Appraisal Services	\$ 3,750.00	\$ 3,750.00
Carolyn Casoni	\$ 900.00	\$ 900.00
Reserve Coal	\$ 28,000.00	\$ 28,000.00
Soyka	\$ 10,537.00	\$ 10,537.00
Day	\$ 11,000.00	\$ 11,000.00
Ruppert	\$ 4,000.00	\$ 4,000.00
McQuillian	\$ 750.00	\$ 750.00
Bennett	\$ 1,500.00	\$ 1,500.00
Misc. Condemnations	\$ 9,563.00	\$ 9,563.00
CSX Occupancy Fee	\$ 40,000.00	\$ 40,000.00
Subtotal	\$ 200,000.00	\$ 200,000.00

Sutersville-Sewickley Municipal Sewage Authority
Sanitary Sewer Project
Proposed Budget and Funding, Continued

8 Other			
Electric Service STP Site	\$	30,000.00	\$ 30,000.00
Electric Service Pump Sta's	\$	3,000.00	\$ 3,000.00
Telephone Service	\$	1,500.00	\$ 1,500.00
Office/Lab Furnishings	\$	20,000.00	\$ 20,000.00
Subtotal	\$	54,500.00	\$ 54,500.00

SUBTOTAL OTHER RELATED PROJECT COST \$ 1,124,289.00 \$ 1,124,289.00

10 Construction			
Contract No. 1	\$	1,330,000.00	\$ 3,614,000.00
Contract No. 2	\$	600,000.00	\$ 1,074,000.00
Contract No. 3	\$	2,437,700.00	\$ 3,666,666.00
Contract No. 4	\$	1,311,100.00	\$ 1,678,910.00
Subtotal	\$	5,678,800.00	\$ 10,033,576.00

11 Contingency \$ 643,896.00 \$ 501,700.00

TOTAL \$ 7,446,985.00 \$ 11,659,565.00

FUNDING

CDBG Grant	\$	500,000.00	\$ 500,000.00
PENNVEST Loan	\$	4,200,533.00	\$ 4,200,533.00
PENNVEST 2nd Loan	\$	-	\$ 4,212,580.00
PENNVEST Grant	\$	2,746,452.00	\$ 2,746,452.00
TOTAL	\$	7,446,985.00	\$ 11,659,565.00

Additional Loan Amount \$ 4,212,580.00

Sutersville-Sewickley Municipal Sewage Authority
ESTIMATED AVERAGE MONTHLY CHARGE PER EDU

	2005 PENNVEST <u>LOAN OFFER</u>	AS BID <u>PROJECT COST</u>
Construction Cost for Alternative 2		
Sewerage System	\$3,748,795	\$5,345,576
Pumping Station	\$300,000	\$0 (1)
Treatment Plant	<u>\$1,520,000</u>	<u>\$4,688,000</u>
Total Construction Cost	\$5,568,795	\$10,033,576
Construction Contingency	\$556,900	\$501,700
Related Project Costs	<u>\$1,321,290</u>	<u>\$1,124,289</u>
Estimated Project Cost	\$7,446,985	\$11,659,565
Initial <u>Connection Charge (85% collectable)</u>	\$0	\$0
\$750 Per EDU (48% not low-mod income)		
Initial EDUs Added to the System	551	551
Estimated County Development Block Grant	\$500,000	\$500,000
Estimated PENNVEST Grant	<u>\$2,746,452</u>	<u>\$2,746,452</u>
Estimated PENNVEST Loan	\$4,200,533	\$8,413,113
SYSTEM COSTS		
Annual Costs		
Debt Service		
1 Averaged periodic interest rate (%)		
30 Number of payment periods (yr.)	\$162,763	\$325,992
20 Number of payment periods (yr.)		
Operation and Maintenance	<u>\$121,000</u>	<u>\$121,000</u>
Total	\$283,763	\$446,992
SYSTEM REVENUES		
Annual Revenue		
State Subsidy	\$0	\$0
Required Annual Sewer Rentals	<u>\$283,763</u>	<u>\$446,992</u>
Total	\$283,763	\$446,992
Number of EDU Upon Implementation of Project	551	551
Annual User Charge per EDU	\$515	\$811
ESTIMATED AVERAGE MONTHLY CHARGE PER EDU	\$42.92	\$67.60

(1) Pump Station Construction cost included with Sewage Treatment Plant

APPENDIX B

Sutersville-Sewickley Municipal Sewage Authority
Sanitary Sewer Project
Proposed Budget and Funding

EXPENDITURES	Alternative No. 1	Alternative No. 2
	SSMSA <u>Treatment Option</u>	ETSA <u>Treatment Option</u>
1 Administration Cost		
Advertising	\$ 2,000.00	2,000.00
2 Legal Fees		
Bialon & Bialon	\$ 7,960.00	\$ 7,960.00
Richard Schimizzi	\$ 20,000.00	\$ 20,000.00
Subtotal	\$ 27,960.00	\$ 27,960.00
3 Financing Costs		
McGrawth & Lawrence	\$ 1,550.00	\$ 1,550.00
Pepper Hamilton	\$ 23,150.00	\$ 23,150.00
Richard Schimizzi	\$ 5,000.00	\$ 5,000.00
Subtotal	\$ 29,700.00	\$ 29,700.00
4 Capitalized Interest	\$ 70,000.00	\$ 50,000.00
5 A/E Fees		
Keddal	\$ 1,689.00	\$ 1,689.00
Gannett Fleming - Design	\$ 438,290.00	\$ 438,290.00
Gannett Fleming Constr.	\$ 293,000.00	\$ 228,000.00
Gannett Fleming Redesign	\$ -	\$ 68,000.00
Subtotal	\$ 732,979.00	\$ 735,979.00
6 Permits		
NPDES Permit	\$ 500.00	\$ 500.00
Part II Permit	\$ 500.00	\$ 500.00
NPDES Storm Water	\$ 250.00	\$ 250.00
CSX Permit	\$ 5,900.00	\$ 5,900.00
Subtotal	\$ 7,150.00	\$ 7,150.00
7 Land		
Gannett Fleming	\$ 75,000.00	\$ 74,900.00
Richard Schimizzi	\$ 15,000.00	\$ 15,000.00
Hayden Appraisal Services	\$ 3,750.00	\$ 3,750.00
Carolyn Casoni	\$ 900.00	\$ 900.00
Reserve Coal	\$ 28,000.00	\$ -
Soyka	\$ 10,537.00	\$ 10,537.00
Day	\$ 11,000.00	\$ 11,000.00
Ruppert	\$ 4,000.00	\$ 4,000.00
McQuillian	\$ 750.00	\$ 750.00
Bennett	\$ 1,500.00	\$ 1,500.00
Misc. Condemnations	\$ 9,563.00	\$ 9,563.00
CSX Occupancy Fee	\$ 40,000.00	\$ 25,000.00
Subtotal	\$ 200,000.00	\$ 156,900.00

Sutersville-Sewickley Municipal Sewage Authority
Sanitary Sewer Project
Proposed Budget and Funding, Continued

8	Other			
	Electric Service STP Site	\$	30,000.00	\$ -
	Electric Service Pump Sta's	\$	3,000.00	\$ 6,000.00
	Telephone Service	\$	1,500.00	\$ 1,500.00
	Office/Lab Furnishings	\$	20,000.00	\$ -
	Subtotal	\$	54,500.00	\$ 7,500.00
	SUBTOTAL OTHER RELATED PROJECT COST	\$	1,124,289.00	\$ 1,017,189.00
9	ETSA Capital Contribution	\$	-	495,900.00
10	Construction			
	Contact No.1	\$	3,614,000.00	\$ 500,000.00
	Contact No. 2	\$	1,074,000.00	\$ 250,000.00
	Contact No. 3	\$	3,666,666.00	\$ 3,367,000.00
	Contact No. 4	\$	1,678,910.00	\$ 1,539,000.00
	River Crossing	\$	-	\$ 300,000.00
	Subtotal	\$	10,033,576.00	\$ 5,956,000.00
11	Contingency	\$	501,700.00	\$ 595,600.00
	TOTAL	\$	11,659,565.00	\$ 8,064,689.00

FUNDING

	CDBG Grant	\$	500,000.00	\$ 500,000.00
	PENNVEST Loan	\$	4,200,533.00	\$ 4,200,533.00
	PENNVEST 2nd Loan	\$	4,212,580.00	\$ 617,704.00
	PENNVEST Grant	\$	2,746,452.00	\$ 2,746,452.00
	TOTAL	\$	11,659,565.00	\$ 8,064,689.00

Additional Loan Amount	\$	4,212,580.00	\$ 629,704.00
------------------------	----	--------------	---------------

Sutersville-Sewickley Municipal Sewage Authority
ESTIMATED AVERAGE MONTHLY CHARGE PER EDU

	ALTERNATIVE NO. 1 SSMSA <u>TREATMENT OPTION</u>	ALTERNATIVE NO. 2 ETSA <u>TREATMENT OPTION</u>
Sewerage System	\$5,345,576	\$4,906,000
Pump Stations	\$4,688,000	\$750,000
River Crossing	<u>\$0</u>	<u>\$300,000</u>
Total Construction Cost	\$10,033,576	\$5,956,000
Construction Contingency	\$501,700	\$595,600
Related Project Costs	\$1,124,289	\$1,017,189
ETSA Capital Contribution	<u>\$0</u>	<u>\$495,900</u>
Estimated Project Cost	\$11,659,565	\$8,064,689
Initial EDUs Added to the System	551	551
Estimated County Development Block Grant	\$500,000	\$500,000
Estimated PENNVEST Grant	<u>\$2,746,452</u>	<u>\$2,746,452</u>
Estimated PENNVEST Loan	\$8,413,113	\$4,818,237
Additional Loan	\$4,212,580	\$617,704
SYSTEM COSTS		
Annual Costs	4212580	617704
Debt Service		
1 Averaged periodic interest rate (%)		
30 Number of payment periods (yr.)	\$325,992	\$186,698
20 Number of payment periods (yr.)		
Operation and Maintenance	<u>\$121,000</u>	<u>\$201,000</u>
Total	\$446,992	\$387,698
SYSTEM REVENUES		
Annual Revenue		
State Subsidy	\$1	\$0
Required Annual Sewer Rentals	<u>\$446,992</u>	<u>\$387,698</u>
Total	\$446,993	\$387,698
Number of EDU Upon Implementation of Project	551	551
Annual User Charge per EDU	\$811	\$704
ESTIMATED AVERAGE MONTHLY CHARGE PER EDU	\$67.60	\$58.64

LEGAL NOTICE
FOR
BOROUGH OF SUTERSVILLE and SEWICKLEY TOWNSHIP
AMENDMENT TO THE APPROVED ACT 537 PLAN DATED JULY 2001

NOTICE IS HEREBY GIVEN that the Borough of Sutersville and Sewickley Township has amended the Act 537 Official Sewage Plan Update for the Borough and portions of Sewickley Township, specifically the built-up areas adjacent to the Borough of Sutersville, Gratztown and Lowber. The amendment to the Act 537 Plan eliminates the construction of a sewage treatment plant located in Scott Haven in Sewickley Township and provides for first floor gravity sanitary sewer to the establishments in the Service Area by conveying the sewage flows for treatment to the Elizabeth Township Sanitary Authority for sewage treatment. The recommended financing for the Project is a Pennvest grant and loan with County Community Development Block grant funds with results in an estimated monthly average sewer rental of \$58.64 per EDU.

This notice begins the required 30-day public comment period for the Plan. The Plan is available for review at the Borough of Sutersville Municipal Building and Sewickley Township Municipal Building during normal office hours. Any comments must be written and may be mailed to Gannett Fleming, Inc., Foster Plaza III, Suite 200, 601 Holiday Drive Pittsburgh, PA 15220, to the attention of Mr. John L. Schaude, P.E. or hand delivered or mailed to the Municipal Building.

Sutersville Borough
Mr. William Ringbloom, President of Council



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

**BOROUGH OF SUTERSVILLE
SEWICKLEY TOWNSHIP**

ACT 537 PLAN SUMMARY

September 4, 2001

The Act 537 study area is defined as the entire Borough of Sutersville, the built up portions of Sewickley Township adjacent to the Borough of Sutersville, and Gratztown and Lowber in Sewickley Township. Currently, the establishments in the study area utilize on-lot septic systems for sewage disposal.

Previous planning efforts consist of the Little Sewickley Creek Watershed 201 Facilities Plan, dated 1985. This plan documented 12% of the on-lot systems in the Borough of Sutersville and Sewickley Township were malfunctioning, and allowing discharges of raw sewage. Recent interviews with municipal officials in the two municipalities indicate many of the septic systems in the study area are malfunctioning and discharge to storm sewers. Raw sewage was observed in roadside ditches and outfall pipes to the Youhioghenny River.

Five alternatives for providing public sewage facilities to the study area were considered. The alternatives were:

1. Construct a treatment plant in Sutersville Borough to serve the study area.
2. Construct a treatment plant in Scott Haven, Sewickley Township to serve the study area.
3. Pump sewage across the Youhioghenny River to the Elizabeth Township Sanitary Authority for treatment.
4. Pump sewage from the study area upstream to West Newton for treatment.
5. Pump sewage across the Youhioghenny River to the Rostraver Township Sanitary Authority for treatment.

Preliminary layouts of possible sewer line, pump station and treatment plant locations were developed for each of these alternatives. From these layouts, estimated project costs for each of the alternatives was calculated. These costs include "soft costs" for engineering design, legal fees, rights-of-ways, contingency, and other administrative costs. For the alternatives where sewage is to be sent to a neighboring treatment authority, the project cost includes the total projected tap-in fee expected to be charged for connecting to the adjacent system. The estimated project costs for each of the alternatives are as follows:

<u>Alternative</u>	<u>Project Cost</u>	<u>Equivalent Dwelling Units (EDUs)</u>	<u>Cost / EDU</u>
1	\$5,868,683	574	\$10,224
2	\$6,583,447	579 ⁽¹⁾	\$11,370
3	\$5,479,522	574	\$9,546
4	\$6,466,402	574	\$11,266
5	\$6,585,152	574	\$11,472

The difference in the number of EDUs between Alternative 2 and the other Alternatives reflects serving 4 homes in Scott Haven.

Four project funding scenarios were evaluated for each of the five alternatives. The funding scenarios are as follows:

1. PENNVEST 30-year loan at 1%, with a \$2,000,000 grant, along with a \$500,000 CDBG grant from Westmoreland County. Under this scenario, the County would prefer no tap-in fees to be assessed to the low to moderate income households, which account for 52% of the households in Sutersville Borough, per the 1990 Census.
2. PENNVEST 30-year loan at 1% with a \$2,000,000 grant, and no CDBG funding.
3. Rural Utility Service (RUS) 40-year loan at 4.5% with grant up to 75% of the actual project cost to bring the monthly user fee to \$38.
4. 30-year Bond Issue at 5.75%.

In all cases a \$750 tap-in fee was assumed. Tap-in fees were assumed for 48% of the EDUs in the scenarios using CDBG funds.

The following table summarizes the results of the funding scenarios:

<u>Alternative</u>	<u>External Treatment Charge</u>	<u>FUNDING SCENARIO</u>			
		<u>PENNVEST w/ CDBG</u>	<u>PENNVEST</u>	<u>RUS</u>	<u>Bond Issue</u>
1	\$0/month	\$33/month	\$35/month	\$38/month	\$77/month
2	\$0/month	\$37/month	\$39/month	\$38/month	\$85/month
3	\$31.20/month	\$53/month	\$55/month	\$51/month	\$95/month
4	\$19.50/month	\$47/month	\$49/month	\$39/month	\$94/month
5	\$45/month	\$73/month	\$75/month	\$64/month	\$127/month

The results of the alternatives analysis were discussed at a joint meeting between the Borough of Sutersville and Sewickley Township on May 2, 2000. Alternatives 3, 4 and 5 were discounted due to the high monthly user costs and uncertainty how much the fees from the neighboring systems would increase in the future. Alternative 1 was the most cost effective option, however there was concern as to whether a suitable treatment plant site could be found in the Borough of Sutersville to serve the sewage needs of the community. Therefore, Alternative 2 was chosen as the best option to provide sewage treatment facilities to the study area.

ESTIMATED PROJECT COSTS FOR EACH ALTERNATIVE

BOROUGH OF SUTERSVILLE
Act 537 Plan Update
Estimated Project Costs

TABLE 6-1

37107.002

Alternative 1: Treatment at STP in Sutersville - Gravity Sewers

	Estimated Unit Cost	Sub Area A		Sub Area B		Sub Area C		Sub Area D		Sub Area E		Sub Area F		Sub Area G		Total Project Area	
		Quantity	Cost	Quantity	Cost	Quantity	Cost										
8-inch collector sewer	LF \$50	11,480	\$574,000	13,580	\$679,000	2,150	\$107,500	630	\$31,500	450	\$22,500	10,830	\$541,500	0	\$0	39,120	\$1,956,000
Yough. R. interceptor sewer	LF \$70	250	\$17,500	0	\$0	3,940	\$275,800	5,760	\$403,200	0	\$0	0	\$0	0	\$0	9,950	\$696,500
Sewickley C. interceptor sewer	LF \$60	0	\$0	0	\$0	0	\$0	0	\$0	2,950	\$177,000	3,540	\$212,400	0	\$0	6,490	\$389,400
pump station	275 EDUs \$100,000	0.0	\$0	0.0	\$0	1.1	\$107,273	0.0	\$0	0	\$0	0	\$0	0	\$0	1	\$107,273
force main	LF \$40	0	\$0	0	\$0	200	\$8,000	0	\$0	0	\$0	0	\$0	0	\$0	200	\$8,000
River Crossing	LF \$300	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Railroad Crossing	LF \$250	0	\$0	0	\$0	100	\$25,000	0	\$0	100	\$25,000	0	\$0	0	\$0	200	\$50,000
Subtotal			\$591,500		\$679,000		\$523,573		\$434,700		\$224,500		\$753,900		\$0		\$3,207,173
EDU's			102		177		122		33		9		131		0		574
Cost/EDU			\$5,799		\$3,836		\$4,292		\$13,173		\$24,944		\$5,755		\$0		\$5,587

Project Totals	Estimated Unit Cost	Collection System Estimate		Treatment Plant Estimate		Total Construction Estimate		Tap Fees:		Total Tap Fees
		Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
8-inch collector sewer	LF \$50	39,120	\$1,956,000							
Yough. R. interceptor sewer	LF \$70	9,950	\$696,500							
Sewickley C. interceptor sewer	LF \$60	6,490	\$389,400							
pump station	275 EDUs \$100,000	1.1	\$107,273							
force main	LF \$40	200	\$8,000							
River Crossing	LF \$300	0	\$0							
Railroad Crossing	LF \$250	200	\$50,000							
Construction Estimate			\$3,207,173							
Collection System Estimate			\$3,207,173							
Required STP Size			190,000 gpd							
Treatment Plant Estimate			\$1,140,000							
Total Construction Estimate			\$4,347,173							
Tap Fees:										
-Eliz. Twp. (574 @ \$1,500) =			\$0							
-West Newton (574 @ \$1,250) =			\$0							
-Rostraver (574 @ \$2,500) =			\$0							
Construction Estimate			\$4,347,173							
Other Costs (3.5%)			\$1,521,510							
Project Total			\$5,868,683							
EDU's			574							
Cost/EDU			\$10,224.19							

BOROUGH OF SUTERSVILLE
Act 537 Plan Update
Estimated Project Costs

TABLE 6-9

37107.002

Alternative 2: Treatment at STP in Scott Haven

	Unit	Estimated Unit Cost	Sub Area A		Sub Area B		Sub Area C		Sub Area D		Sub Area E		Sub Area F		Sub Area G		Total Project Area	
			Quantity	Cost	Quantity	Cost												
8-inch collector sewer	LF	\$50	11,480	\$574,000	13,580	\$679,000	2,150	\$107,500	630	\$31,500	450	\$22,500	10,830	\$541,500	2,300	\$115,000	41,420	\$2,071,000
Yough. R. interceptor sewer	LF	\$70	0	\$0	0	\$0	3,940	\$275,800	5,760	\$403,200	0	\$0	0	\$0	1,750	\$122,500	11,450	\$801,500
Sewickley C. interceptor sewer	LF	\$60	0	\$0	0	\$0	0	\$0	0	\$0	2,950	\$177,000	3,540	\$212,400	0	\$0	6,490	\$389,400
pump station	275 EDUs	\$100,000	0.0	\$0	0.0	\$0	2.1	\$208,727	0.0	\$0	0	\$0	0	\$0	0	\$0	2.1	\$208,727
force main	LF	\$40	0	\$0	0	\$0	200	\$8,000	0	\$0	0	\$0	0	\$0	3,950	\$158,000	4,150	\$166,000
River Crossing	LF	\$300	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Railroad Crossing	LF	\$250	100	\$25,000	0	\$0	0	\$0	0	\$0	100	\$25,000	0	\$0	200	\$50,000	400	\$100,000
Subtotal				\$599,000		\$679,000		\$600,027		\$434,700		\$224,500		\$753,900		\$445,500		\$3,736,627
EDU's				102		177		122		33		9		131		5		579
Cost/EDU				\$5,873		\$3,836		\$4,918		\$13,173		\$24,944		\$5,755		\$0		\$6,454

Project Totals	Unit	Estimated Unit Cost	Quantity		Cost	
			Quantity	Cost	Quantity	Cost
8-inch collector sewer	LF	\$50	41,420	\$2,071,000		
Yough. R. interceptor sewer	LF	\$70	11,450	\$801,500		
Sewickley C. interceptor sewer	LF	\$60	6,490	\$389,400		
pump station	275 EDUs	\$100,000	2.1	\$208,727		
force main	LF	\$40	4,150	\$166,000		
River Crossing	LF	\$300	0	\$0		
Railroad Crossing	LF	\$250	400	\$100,000		
Construction Estimate				\$3,736,627		

Collection System Estimate	\$3,736,627	Construction Estimate	\$4,876,627
Required STP Size	190,000 gpd	Other Costs (35%)	\$1,706,820
Treatment Plant Estimate	\$1,140,000	Project Total	\$6,583,447
Total Construction Estimate	\$4,876,627	EDUs	579
Tap Fees:		Cost/EDU	\$11,370.37
-Eliz. Twp. (574 @ \$1,500) =	\$0		
-West Newton (574 @ \$1,250) =	\$0		
-Rostraver (574 @ \$2,500) =	\$0		
Total Tap Fees	\$0		

TABLE 6-10

BOROUGH OF SUTERSVILLE
Act 537 Plan Update
Estimated Project Costs

Alternative 3: Treatment at Elizabeth Township Sanitary Authority

	Estimated Unit Cost	Sub Area A		Sub Area B		Sub Area C		Sub Area D		Sub Area E		Sub Area F		Sub Area G		Total Project Area	
		Unit	Quantity	Cost	Quantity	Cost	Quantity										
8-inch collector sewer	LF \$50	11,480	\$574,000	13,580	\$679,000	2,150	\$107,500	630	\$31,500	450	\$22,500	10,830	\$541,500	0	\$0	39,120	\$1,956,000
Yough. R. interceptor sewer	LF \$70	0	\$0	0	\$0	3,940	\$275,800	5,760	\$403,200	0	\$0	0	\$0	0	\$0	9,700	\$679,000
Sewickley C. interceptor sewer	LF \$60	0	\$0	0	\$0	0	\$0	0	\$0	2,950	\$177,000	3,540	\$212,400	0	\$0	6,490	\$389,400
pump station	275 EDUs \$100,000	0.0	\$0	0.0	\$0	2.1	\$208,727	0.0	\$0	0	\$0	0	\$0	0	\$0	2	\$208,727
force main	LF \$40	0	\$0	0	\$0	1,200	\$48,000	0	\$0	0	\$0	0	\$0	0	\$0	1,200	\$48,000
River Crossing	LF \$300	0	\$0	0	\$0	300	\$90,000	0	\$0	0	\$0	0	\$0	0	\$0	300	\$90,000
Railroad Crossing	LF \$250	100	\$25,000	0	\$0	0	\$0	0	\$0	100	\$25,000	0	\$0	0	\$0	200	\$50,000
Subtotal			\$599,000		\$679,000		\$730,027		\$454,700		\$224,500		\$753,900		\$0		\$3,421,127
EDU's			102		177		122		33		9		131		0		574
Cost/EDU			\$5,873		\$3,836		\$5,984		\$13,173		\$24,944		\$5,755		\$0		\$5,960

Project Totals	Estimated Unit Cost	Quantity	Cost	Collection System Estimate		Required STP Expansion		Treatment Plant Expansion Estimate		Total Construction Estimate		Tap Fees:		Construction Estimate	
				Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
8-inch collector sewer	LF \$50	39,120	\$1,956,000												\$3,421,127
Yough. R. interceptor sewer	LF \$70	9,700	\$679,000												\$861,000
Sewickley C. interceptor sewer	LF \$60	6,490	\$389,400												\$1,197,395
pump station	275 EDUs \$100,000	2.1	\$208,727												\$5,479,522
force main	LF \$40	1,200	\$48,000												574
River Crossing	LF \$300	300	\$90,000												\$9,546,21
Railroad Crossing	LF \$250	200	\$50,000												
Construction Estimate			\$3,421,127												

BOROUGH OF SUTERSVILLE
Act 537 Plan Update
Estimated Project Costs

TABLE 6-12

37107.002

Alternative 5: Treatment at Rostraver Township Sanitary Authority

	Estimated Unit Cost	Sub Area A		Sub Area B		Sub Area C		Sub Area D		Sub Area E		Sub Area F		Sub Area G		Total Project Area	
		Unit	Quantity	Cost	Quantity	Cost	Quantity										
8-inch collector sewer	LF \$50	11,480	\$574,000	13,580	\$679,000	2,150	\$107,500	630	\$31,500	450	\$22,500	10,830	\$541,500	0	\$0	39,120	\$1,956,000
Yough. R. interceptor sewer	LF \$70	0	\$0	0	\$0	3,940	\$275,800	5,760	\$403,200	0	\$0	0	\$0	0	\$0	9,700	\$679,000
Sewickley C. interceptor sewer	LF \$60	0	\$0	0	\$0	0	\$0	0	\$0	2,950	\$177,000	3,540	\$212,400	0	\$0	6,490	\$389,400
pump station	275 EDUs \$100,000	0.0	\$0	0.0	\$0	2.1	\$208,727	0.0	\$0	0	\$0	0	\$0	0	\$0	2.1	\$208,727
force main	LF \$40	0	\$0	0	\$0	9,920	\$396,800	0	\$0	0	\$0	0	\$0	0	\$0	9,920	\$396,800
River Crossing	LF \$300	0	\$0	0	\$0	0	\$0	450	\$135,000	0	\$0	0	\$0	0	\$0	450	\$135,000
Railroad Crossing	LF \$250	100	\$25,000	0	\$0	0	\$0	0	\$0	100	\$25,000	0	\$0	0	\$0	200	\$50,000
Subtotal			\$599,000		\$679,000		\$988,827		\$569,700		\$224,500		\$753,900		\$0		\$3,814,927
EDU's			102		177		122		33		9		131		0		574
Cost/EDU			\$5,873		\$3,836		\$8,105		\$17,264		\$24,944		\$5,755		\$0		\$6,646

(Includes FM to Rostraver Twp.)

Project Totals	Estimated Unit Cost	Quantity	Cost	Collection System Estimate	Construction Estimate
8-inch collector sewer	LF \$50	39,120	\$1,956,000	\$3,814,927	\$3,814,927
Yough. R. interceptor sewer	LF \$70	9,700	\$679,000	0 gpd	\$1,435,000
Sewickley C. interceptor sewer	LF \$60	6,490	\$389,400	\$0	\$1,335,225
pump station	275 EDUs \$100,000	2.1	\$208,727	\$3,814,927	\$6,585,152
force main	LF \$40	9,920	\$396,800		574
River Crossing	LF \$300	450	\$135,000		\$11,472.39
Railroad Crossing	LF \$250	200	\$50,000		
Construction Estimate			\$3,814,927		\$3,814,927
Total Tap Fees			\$1,435,000		\$1,435,000
Other Costs (35% of Const. Cost)			\$1,335,225		\$1,335,225
Project Total			\$6,585,152		\$6,585,152
EDUs			574		574
Cost/EDU			\$11,472.39		\$11,472.39

FUNDING SCENARIOS

ALTERNATIVE 1

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION, COUNTY DEVELOPMENT BLOCK GRANT, AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 1 SUTERSVILLE, GRATZTOWN & LOWBER AT STP IN SUTERSVILLE</p>

2000

Construction Cost for Alternative 1	
Sewerage System	\$3,099,900
Pumping Station	\$107,273
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,347,173

Related Project Costs \$1,521,511

Estimated Project Cost \$5,868,684

Initial Connection Charge (85% collectable) \$175,313
 750 Dollars per EDU (48% not low-mod income)

Initial EDUs Added to the System 574

Estimated County Development Block Grant \$500,000

Estimated Pennvest Grant \$2,000,000

Estimated Pennvest Loan \$3,193,371

SYSTEM COSTS

Annual Costs

 Debt Service \$123,737

 1 Averaged periodic interest rate (%)
 30 Number of payment periods (yr.)

 Operation and Maintenance \$103,320

 Total \$227,057

SYSTEM REVENUES

Annual Revenue

 State Subsidy \$0

 Required Annual Sewer Rentals \$227,057

 Total \$227,057

Number of EDU 574
 Upon Implementation of Project

Annual User Charge per EDU \$396

TOTAL MONTHLY USER CHARGE PER EDU \$33

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 1 SUTERSVILLE, GRATZTOWN & LOWBER AT STP IN SUTERSVILLE</p>
--

2000

Construction Cost for Alternative 1	
Sewerage System	\$3,099,900
Pumping Station	\$107,273
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,347,173
Related Project Costs	\$1,521,511
Estimated Project Cost	\$5,868,684
Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated Pennvest Grant	\$2,000,000
Estimated Pennvest Loan	\$3,502,759
SYSTEM COSTS	
Annual Costs	
Debt Service	\$135,725
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	<u>\$103,320</u>
Total	\$239,045
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$239,045</u>
Total	\$239,045
Number of EDU Upon Implementation of Project	574
Annual User Charge per EDU	\$416
TOTAL MONTHLY USER CHARGE PER EDU	\$35

ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES
PROPOSED CONVENTIONAL FUNDING FORMULA: RUS GRANT/ LOAN COMBINATION
AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 1 SUTERSVILLE, GRATZTOWN &
LOWBER AT STP IN SUTERSVILLE

2000

Construction Cost for Alternative 1	
Sewerage System	\$3,099,900
Pumping Station	\$107,273
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,347,173

Related Project Costs \$1,521,511

Estimated Project Cost \$5,868,684

Initial Connection Charge \$365,925

750 Dollars per EDU (85% collectable)

Initial EDUs Added to the System 574

Estimated RUS Grant (51%) \$2,806,407

Estimated RUS Loan \$2,696,352

SYSTEM COSTS

Annual Costs

Debt Service and Coverage \$161,181
4.5 Averaged periodic interest rate (%)
40 Number of payment periods (yr.)

Operation and Maintenance \$103,320

Total \$264,501

SYSTEM REVENUES

Annual Revenue

State Subsidy \$0
Required Annual Sewer Rentals \$264,501

Total \$264,501

Number of EDU 574
Upon Implementation of Project

Annual User Charge per EDU \$461

TOTAL MONTHLY USER CHARGE PER EDU \$38

ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES
PROPOSED CONVENTIONAL FUNDING FORMULA: BOND ISSUE
AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 1 SUTERSVILLE, GRATZTOWN &
LOWBER AT STP IN SUTERSVILLE

	2000
Construction Cost for Alternative 1	
Sewerage System	\$3,099,900
Pumping Station	\$107,273
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,347,173
Related Project Costs	\$1,521,511
Estimated Project Cost	\$5,868,684
Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated Bond Issue	\$5,502,759
SYSTEM COSTS	
Annual Costs	
Debt Service and Coverage	\$428,048
5.75 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	<u>\$103,320</u>
Total	\$531,368
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$531,368</u>
Total	\$531,368
Number of EDU Upon Implementation of Project	574
Annual User Charge per EDU	\$926
TOTAL MONTHLY USER CHARGE PER EDU	\$77

FUNDING SCENARIOS

ALTERNATIVE 2

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION, COUNTY DEVELOPMENT BLOCK GRANT AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 2 SUTERSVILLE, GRATZTOWN & LOWBER AT STP IN SCOTT HAVEN</p>
--

2000

Construction Cost for Alternative 2	
Sewerage System	\$3,527,900
Pumping Station	\$208,727
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,876,627

Related Project Costs	\$1,706,819
-----------------------	-------------

Estimated Project Cost	\$6,583,446
------------------------	-------------

Initial Connection Charge (85% collectable)	\$176,588
750 Dollars per EDU (48% not low-mod income)	

Initial EDUs Added to the System	579
----------------------------------	-----

Estimated County Development Block Grant	\$500,000
--	-----------

Estimated Pennvest Grant	\$2,000,000
--------------------------	-------------

Estimated Pennvest Loan	\$3,906,859
-------------------------	-------------

SYSTEM COSTS

Annual Costs

Debt Service	\$151,383
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	

Operation and Maintenance	<u>\$104,220</u>
---------------------------	------------------

Total	\$255,603
-------	-----------

SYSTEM REVENUES

Annual Revenue

State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$255,603</u>

Total	\$255,603
-------	-----------

Number of EDU Upon Implementation of Project	579
---	-----

Annual User Charge per EDU	\$441
----------------------------	-------

TOTAL MONTHLY USER CHARGE PER EDU	\$37
--	-------------

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 2 SUTERSVILLE, GRATZTOWN & LOWBER AT STP IN SCOTT HAVEN</p>
--

2000

Construction Cost for Alternative 2	
Sewerage System	\$3,527,900
Pumping Station	\$208,727
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,876,627

Related Project Costs \$1,706,819

Estimated Project Cost \$6,583,446

Initial Connection Charge \$369,113
750 Dollars per EDU (85% collectable)

Initial EDUs Added to the System 579

Estimated Pennvest Grant \$2,000,000

Estimated Pennvest Loan \$4,214,334

SYSTEM COSTS

Annual Costs	
Debt Service	\$163,297
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	<u>\$104,220</u>
Total	\$267,517

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$267,517</u>
Total	\$267,517

Number of EDU Upon Implementation of Project 579

Annual User Charge per EDU \$462

TOTAL MONTHLY USER CHARGE PER EDU \$39

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: RUS GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 2 SUTERSVILLE, GRATZTOWN & LOWBER AT STP IN SCOTT HAVEN</p>

2000

Construction Cost for Alternative 2	
Sewerage System	\$3,527,900
Pumping Station	\$208,727
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,876,627

Related Project Costs \$1,706,819

Estimated Project Cost \$6,583,446

Initial Connection Charge \$369,113

750 Dollars per EDU (85% collectable)

Initial EDUs Added to the System 579

Estimated RUS Grant (57%) \$3,542,170

Estimated RUS Loan \$2,672,164

SYSTEM COSTS

Annual Costs	
Debt Service and Coverage	\$159,735
4.5 Averaged periodic interest rate (%)	
40 Number of payment periods (yr.)	
Operation and Maintenance	<u>\$104,220</u>
Total	\$263,955

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$263,955</u>
Total	\$263,955

Number of EDU Upon Implementation of Project 579

Annual User Charge per EDU \$456

TOTAL MONTHLY USER CHARGE PER EDU \$38

ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES
PROPOSED CONVENTIONAL FUNDING FORMULA: BOND ISSUE
AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 2 SUTERSVILLE, GRATZTOWN &
LOWBER AT STP IN SCOTT HAVEN

2000

Construction Cost for Alternative 2	
Sewerage System	\$3,527,900
Pumping Station	\$208,727
Treatment Plant	\$1,140,000
Total Construction Cost	\$4,876,627

Related Project Costs \$1,706,819

Estimated Project Cost \$6,583,446

Initial Connection Charge \$369,113

750 Dollars per EDU (85% collectable)

Initial EDUs Added to the System 579

Estimated Bond Issue \$6,214,334

SYSTEM COSTS

Annual Costs

Debt Service and Coverage	\$483,400
5.75 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	

Operation and Maintenance \$104,220

Total \$587,620

SYSTEM REVENUES

Annual Revenue

State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$587,620</u>

Total \$587,620

Number of EDU 579
Upon Implementation of Project

Annual User Charge per EDU \$1,015

TOTAL MONTHLY USER CHARGE PER EDU \$85

FUNDING SCENARIOS

ALTERNATIVE 3

ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES
PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION,
COUNTY DEVELOPMENT BLOCK GRANT AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 3
SUTERSVILLE, GRATZTOWN & LOWBER AT ELIZABETH TOWNSHIP SANITARY AUTHORITY

2000

Construction Cost for Alternative 3	
Sewerage System	\$3,212,400
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,421,127
Related Project Costs	\$1,197,394
Tap-in Fee for ETSA (\$1500 per EDU)	\$861,000
Estimated Project Cost	\$5,479,521
Initial Connection Charge (85% collectable)	\$175,313
750 Dollars per EDU (48% not low-mod income))	

Initial EDUs Added to the System 574

Estimated County Development Block Grant	\$500,000
Estimated Pennvest Grant	\$2,000,000
Estimated Pennvest Loan	\$2,804,209

SYSTEM COSTS

Annual Costs	
Debt Service	\$108,658
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Elizabeth Township Sanitary Authority	
Treatment Charge (\$31.20/Month/EDU)	<u>\$214,906</u>
Total	\$364,891

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$364,891</u>
Total	\$364,891

Number of EDU 574
Upon Implementation of Project

Annual User Charge per EDU \$636

TOTAL MONTHLY USER CHARGE PER EDU \$53

ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES
PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION
AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 3 SUTERSVILLE, GRATZTOWN &
LOWBER AT ELIZABETH TOWNSHIP SANITARY AUTHORITY STP

	2000
Construction Cost for Alternative 3	
Sewerage System	\$3,212,400
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,421,127
Related Project Costs	\$1,197,394
Tap-in Fee for ETSA (\$1500 per EDU)	\$861,000
Estimated Project Cost	\$5,479,521
<u>Initial Connection Charge</u>	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated Pennvest Grant	\$2,000,000
Estimated Pennvest Loan	\$3,113,596
SYSTEM COSTS	
Annual Costs	
Debt Service	\$120,646
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Elizabeth Township Sanitary Authority	
Treatment Charge (\$31.20/Month/EDU)	<u>\$214,906</u>
Total	\$376,880
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$376,880</u>
Total	\$376,880
Number of EDU	574
Upon Implementation of Project	
Annual User Charge per EDU	\$657
TOTAL MONTHLY USER CHARGE PER EDU	\$55

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: RUS GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 3 SUTERSVILLE, GRATZTOWN & LOWBER AT ELIZABETH TOWNSHIP SANITARY AUTHORITY STP</p>
--

	2000
Construction Cost for Alternative 3	
Sewerage System	\$3,212,400
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,421,127
Related Project Costs	\$1,197,394
Tap-in Fee for ETSA (\$1500 per EDU)	\$861,000
Estimated Project Cost	\$5,479,521
Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated RUS Grant (69%)	\$3,528,382
Estimated RUS Loan	\$1,585,215
SYSTEM COSTS	
Annual Costs	
Debt Service and Coverage	\$94,760
4.5 Averaged periodic interest rate (%)	
40 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Elizabeth Township Sanitary Authority	
Treatment Charge (\$31.20/Month/EDU)	<u>\$214,906</u>
Total	\$350,994
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$350,994</u>
Total	\$350,994
Number of EDU Upon Implementation of Project	574
Annual User Charge per EDU	\$611
TOTAL MONTHLY USER CHARGE PER EDU	\$51

**ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES
PROPOSED CONVENTIONAL FUNDING FORMULA: BOND ISSUE
AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 3 SUTERSVILLE, GRATZTOWN &
LOWBER AT ELIZABETH TOWNSHIP SANITARY AUTHORITY STP**

2000

Construction Cost for Alternative 3	
Sewerage System	\$3,212,400
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,421,127

Related Project Costs	\$1,197,394
Tap-in Fee for ETSA (\$1500 per EDU)	\$861,000
Estimated Project Cost	\$5,479,521

Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	

Initial EDUs Added to the System	574
----------------------------------	-----

Estimated Bond Issue	\$5,113,596
----------------------	-------------

SYSTEM COSTS

Annual Costs	
Debt Service and Coverage	\$397,776
5.75 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Elizabeth Township Sanitary Authority	
Treatment Charge (\$31.20/Month/EDU)	<u>\$214,906</u>
Total	\$654,009

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$654,009</u>
Total	\$654,009

Number of EDU Upon Implementation of Project	574
---	-----

Annual User Charge per EDU	\$1,139
----------------------------	---------

TOTAL MONTHLY USER CHARGE PER EDU	\$95
--	-------------

FUNDING SCENARIOS

ALTERNATIVE 4

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION, COUNTY DEVELOPMENT BLOCK GRANT AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 4 SUTERSVILLE, GRATZTOWN & LOWBER AT WEST NEWTON STP</p>

2000

Construction Cost for Alternative 4	
Sewerage System	\$3,726,200
Pumping Station	\$208,727
Treatment Plant	\$855,000
Total Construction Cost	\$4,789,927
Related Project Costs	\$1,676,474
Estimated Project Cost	\$6,466,401
Initial Connection Charge (85% collectable)	\$175,313
750 Dollars per EDU (48% not low-mod income)	
Initial EDUs Added to the System	574
Estimated County Development Block Grant	\$500,000
Estimated Pennvest Grant	\$2,000,000
Estimated Pennvest Loan	\$3,791,089

SYSTEM COSTS

Annual Costs	
Debt Service	\$146,898
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
West Newton Treatment Charge (\$19.50/Month/EDU)	<u>\$134,316</u>
Total	\$322,542

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$322,542</u>
Total	\$322,542

Number of EDU Upon Implementation of Project	574
Annual User Charge per EDU	\$562
TOTAL MONTHLY USER CHARGE PER EDU	\$47

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: RUS GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 4 SUTERSVILLE, GRATZTOWN & LOWBER AT WEST NEWTON STP</p>
--

	2000
Construction Cost for Alternative 4	
Sewerage System	\$3,726,200
Pumping Station	\$208,727
Treatment Plant	\$855,000
Total Construction Cost	\$4,789,927
Related Project Costs	\$1,676,474
Estimated Project Cost	\$6,466,401
<u>Initial Connection Charge</u>	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated RUS Grant (75%)	\$4,575,357
Estimated RUS Loan	\$1,525,119
SYSTEM COSTS	
Annual Costs	
Debt Service and Coverage	\$91,168
4.5 Averaged periodic interest rate (%)	
40 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
West Newton Treatment Charge	
(\$19.50/Month/EDU)	<u>\$134,316</u>
Total	\$266,812
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$266,812</u>
Total	\$266,812
Number of EDU	574
Upon Implementation of Project	
Annual User Charge per EDU	\$465
TOTAL MONTHLY USER CHARGE PER EDU	\$39

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: BOND ISSUE AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 4 SUTERSVILLE, GRATZTOWN & LOWBER AT WEST NEWTON STP</p>

2000

Construction Cost for Alternative 4	
Sewerage System	\$3,726,200
Pumping Station	\$208,727
Treatment Plant	\$855,000
Total Construction Cost	\$4,789,927

Related Project Costs	\$1,676,474
Estimated Project Cost	\$6,466,401

Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	

Initial EDUs Added to the System 574

Estimated Bond Issue	\$6,100,476
----------------------	-------------

SYSTEM COSTS

Annual Costs	
Debt Service and Coverage	\$474,543
5.75 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
West Newton Treatment Charge	
(\$19.50/Month/EDU)	<u>\$134,316</u>
Total	\$650,187

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$650,187</u>
Total	\$650,187

Number of EDU Upon Implementation of Project 574

Annual User Charge per EDU	\$1,133
----------------------------	---------

TOTAL MONTHLY USER CHARGE PER EDU \$94

FUNDING SCENARIOS

ALTERNATIVE 5

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION, COUNTY DEVELOPMENT BLOCK GRANT AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 5 SUTERSVILLE, GRATZTOWN & LOWBER AT ROSTRAVER STP</p>

	2000
Construction Cost for Alternative 5	
Sewerage System	\$3,606,200
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,814,927
Related Project Costs	\$1,335,224
Tap-in Fee for Rostraver (\$2500 per EDU)	\$1,435,000
Estimated Project Cost	\$6,585,151
Initial Connection Charge (85% collectable)	\$175,313
750 Dollars per EDU (48% not low-mod income)	
Initial EDUs Added to the System	574
Estimated County Development Block Grant	\$500,000
Estimated Pennvest Grant	\$2,000,000
Estimated Pennvest Loan	\$3,909,839
SYSTEM COSTS	
Annual Costs	
Debt Service	\$151,499
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Rostraver Treatment Charge (\$45.00/Month/EDU)	<u>\$309,960</u>
Total	\$502,787
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$502,787</u>
Total	\$502,787
Number of EDU Upon Implementation of Project	574
Annual User Charge per EDU	\$876
TOTAL MONTHLY USER CHARGE PER EDU	\$73

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: PENNVEST GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 5 SUTERSVILLE, GRATZTOWN & LOWBER AT ROSTRAVER STP</p>
--

	2000
Construction Cost for Alternative 5	
Sewerage System	\$3,606,200
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,814,927
Related Project Costs	\$1,335,224
Tap-in Fee for Rostraver (\$2500 per EDU)	\$1,435,000
Estimated Project Cost	\$6,585,151
Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated Pennvest Grant	\$2,000,000
Estimated Pennvest Loan	\$4,219,226
SYSTEM COSTS	
Annual Costs	
Debt Service	\$163,487
1 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Rostraver Treatment Charge (\$45.00/Month/EDU)	<u>\$309,960</u>
Total	\$514,775
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$514,775</u>
Total	\$514,775
Number of EDU Upon Implementation of Project	574
Annual User Charge per EDU	\$897
TOTAL MONTHLY USER CHARGE PER EDU	\$75

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: RUS GRANT/ LOAN COMBINATION AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 5 SUTERSVILLE, GRATZTOWN & LOWBER AT ROSTRAVER STP</p>
--

	2000
Construction Cost for Alternative 5	
Sewerage System	\$3,606,200
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,814,927
Related Project Costs	\$1,335,224
Tap-in Fee for Rostraver (\$2500 per EDU)	\$1,435,000
Estimated Project Cost	\$6,585,151
<u>Initial Connection Charge</u>	\$365,925
750 Dollars per EDU (85% collectable)	
Initial EDUs Added to the System	574
Estimated RUS Grant (75%)	\$4,664,420
Estimated RUS Loan	\$1,554,807
SYSTEM COSTS	
Annual Costs	
Debt Service and Coverage	\$92,942
4.5 Averaged periodic interest rate (%)	
40 Number of payment periods (yr.)	
Operation and Maintenance	\$41,328
Rostraver Treatment Charge	
(\$45.00/Month/EDU)	<u>\$309,960</u>
Total	\$444,230
SYSTEM REVENUES	
Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$444,230</u>
Total	\$444,230
Number of EDU	574
Upon Implementation of Project	
Annual User Charge per EDU	\$774
TOTAL MONTHLY USER CHARGE PER EDU	\$64

<p>ESTIMATED ANNUAL COSTS, ANNUAL REVENUE REQUIREMENTS AND USER CHARGES PROPOSED CONVENTIONAL FUNDING FORMULA: BOND ISSUE AND CONNECTION FEE OF \$750 FOR ALTERNATIVE NO. 5 SUTERSVILLE, GRATZTOWN & LOWBER AT ROSTRAVER STP</p>

2000

Construction Cost for Alternative 5	
Sewerage System	\$3,606,200
Pumping Station	\$208,727
Treatment Plant	\$0
Total Construction Cost	\$3,814,927
Related Project Costs	\$1,335,224
Tap-in Fee for Rostraver (\$2500 per EDU)	\$1,435,000
Estimated Project Cost	\$6,585,151
Initial Connection Charge	\$365,925
750 Dollars per EDU (85% collectable)	

Initial EDUs Added to the System 574

Estimated Bond Issue \$6,219,226

SYSTEM COSTS

Annual Costs	
Debt Service and Coverage	\$483,780
5.75 Averaged periodic interest rate (%)	
30 Number of payment periods (yr.)	
Operation and Maintenance	\$82,656
Rostraver Treatment Charge	
(\$45.00/Month/EDU)	<u>\$309,960</u>
Total	\$876,396

SYSTEM REVENUES

Annual Revenue	
State Subsidy	\$0
Required Annual Sewer Rentals	<u>\$876,396</u>
Total	\$876,396

Number of EDU 574
Upon Implementation of Project

Annual User Charge per EDU \$1,527

TOTAL MONTHLY USER CHARGE PER EDU \$127



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745
June 12, 2002

Southwest Regional Office

412-442-4000
Fax 412-442-4328

Sewickley Township Supervisors
361 Mars Hill Road
Irwin, PA 15642-9606

Borough of Sutersville
320 Municipal Avenue
Sutersville, PA 15083

Re: Sewage Facilities Planning
Sewickley Township/Sutersville Borough
Westmoreland County

Dear Ladies and Gentlemen:

Currently, the Sewickley Township Sewage Facilities Act 537 Plan provides for construction of a project to publicly sewer Herminie, Rilton and Cowansburg ("Herminie Project"). Also, Sutersville Borough is virtually finished developing a plan that proposes to construct a sewage treatment plant to serve Sutersville Borough and the Lowber and Gratztown areas of Sewickley Township ("Sutersville Project"). Recently, however, Sewickley Township has requested the Department of Environmental Protection (Department) to review the feasibility of financing and constructing a single sewage treatment plant to serve the Herminie, Rilton, Cowansburg, Lowber and Gratztown areas of Sewickley Township and Sutersville Borough.

In response to this request, the Department has reviewed the cost information presented by Bankson Engineers at the April 19, 2002 meeting. We have also initially reviewed the information attached to a letter dated May 13, 2002 from Gannett Fleming to Barbara McMillen of the Rural Utility Service (RUS). The contents of the letter and the information contained in the attachments were also reviewed and discussed recently with Larry Gasparato of PENNVEST as well as Ms. McMillen.

There are still several planning issues related to financing, environmental impacts and administration that need to be clarified and/or addressed before combined, regional treatment facilities can proceed to the next step of securing financing and obtaining permits. Please note that financing for the Herminie Project is ready to proceed. This financing may be in jeopardy if commitments are not secured in a timely manner. In addition, the Sutersville Project is virtually ready to proceed.



Sewickley Township Supervisors
Borough of Sutersville

-2-

June 12, 2002

The Department cannot allow the Herminie Project to evaporate or delay the Sutersville Project while waiting indefinitely for Sewickley Township to develop an alternate project that may never come to fruition. Accordingly, Sewickley has a limited time to determine the feasibility of the alternate project by adequately addressing the following items within the next 60 days:

1. Sewickley Township must agree to stay proceedings and its appeal of its approved Act 537 Plan before the Environmental Hearing Board for the next ninety (90) days.
2. Environmental Assessments in compliance with the RUS/Federal Standards must be completed for all portions of the proposed combined project, i.e., all the combined Sutersville/Sewickley project as well as the proposed additional conveyance line needed to connect the two project areas. We recommend that the uniform environmental review guidance be used to ensure compliance. Costs should be adjusted for any possible environmental impacts that need to be resolved.
3. Design flows should be based on 250 gallons per day per equivalent dwelling unit. A 600,000 gallon per day sewage treatment plant is acceptable.
4. RUS will not be able to provide funding for the entire, combined project. The project cost projection should be based on RUS funding the Herminie portion of the sewage treatment plant, the collection system for the Herminie/Rilton areas, the connecting interceptor from Cowansburg to Lowber and the cost for upgrading the interceptor from Lowber to the sewage treatment plant.
5. Any funding scenario must be based on maintaining two separate sewer authorities. The possible funding packages that may be offered from both RUS and PENNVEST are only feasible if two separate authorities are established.
6. The RUS funding scenario should be based on a maximum 50 percent grant/loan package. Please note, this percentage will be subject to the availability of federal funding.
7. It is possible that no PENNVEST grant or, a maximum of a \$2,000,000 grant would be available. However, funding for the Sutersville/Sewickley portion of the combined project should be based on receipt of a \$1,000,000 grant. If shortfalls are encountered we would expect the project to proceed.
8. Alternative financing schemes should be included considering that grant funds may not be available.

Sewickley Township Supervisors
Borough of Sutersville

-3-

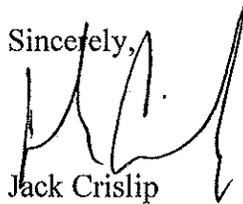
June 12, 2002

9. The Authority should check with the Westmoreland County Department of Planning to determine if they are eligible for any county grants.
10. The revised, combination project information must be formatted as a 537 update and public notice must be provided indicating that the update is available for public review and comment.
11. The update must be adopted by resolution by each of the involved municipalities.
12. Comments and/or letters of approval from the affected municipal authorities must be provided. Please note that the update should also include the proposed operating agreement that is to be executed between the municipalities and/or authorities.

We also recommend that one entity be responsible for developing the submission of the update as well as all other possible financing and permitting submissions but that all municipalities approve the update. We are also requesting that any draft documents be submitted to the Department, RUS and PENNVEST as soon as possible.

Upon receipt of the complete proposed update that addresses the above listed items, the Department will expeditiously review it and make a determination. Should you have any questions concerning the RUS issues, please contact Barbara McMillen at 724-853-5555, Extension 123. PENNVEST questions should be directed to Larry Gasparato at 717-783-6673. All other financing questions should be directed to Steve Weitz at 412-442-4073. Any other plan update questions should be directed to me at 412-442-4099.

Sincerely,



Jack Crislip
Sewage Planning Specialist Supervisor
Water Management

cc: Bankson Engineering
Gannett Fleming, Inc.
Gibson-Thomas Engineering
Richard Ehman, Esq.
Barbara McMillen
Lynn Showalter

bcc: r B. Herschlag J. Crislip T. Mattis J. Self

JC:njh

CAMPFIELD & FERRARO

ATTORNEYS AT LAW
3 NORTH MAPLE AVENUE
GREENSBURG, PA 15601
(724) 836-2242
FAX 836-2237

August 14, 2002

DEP-SOUTHWEST REGIONAL OFFICE
02 AUG 15 AM 9:58

Jack Crislip
Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222

Re: Sewickley-Sutersville Municipal Sewage Authority

Dear Mr. Crislip

Attached please find the response of the Township of Sewickley to your letter of June 12, 2002, addressing the 12 issues outlined therein.

We had hoped to receive from Attorney Bialon, the Solicitor for both the Borough of Sutersville and the Sutersville Sewickley Municipal Sewage Authority, the positions and response of those two entities. The Sutersville Sewickley Municipal Sewage Authority held a public meeting on Monday, August 12, 2002, which was attended by representatives of all other municipalities or authorities involved. However, representatives of Sewickley Township left the meeting before the Authority had concluded its business and taken action on the proposals.

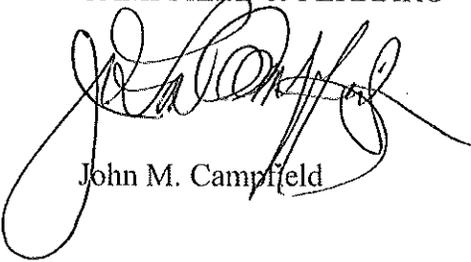
Last evening, August 13, 2002, the Borough of Sutersville was to meet to discuss the same issues.

We have placed several calls to Attorney Bialon's office today, but have not yet received a response. Therefore, I do not know if those entities intend to communicate directly with you or intend to forward something to the Township. Naturally, if we receive a response from either or both, we shall forward it to you.

The Township of Sewickley looks forward to continuing cooperation with all involved, including the Department, to resolve these issues and to proceed with the sewage plans.

Very truly yours,

CAMPFIELD & FERRARO



John M. Campfield

JMC/jlr

Sewickley Township Board of Supervisors

*P.O. Box 28
Herminie, Pennsylvania 15637-0028*

August 13, 2002

DEPARTMENT REGIONAL OFFICE
02 AUG 15 AM 9:58

Jack Crislip
Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222

Re: Sewickley Sewage Project

Dear Mr. Crislip

The following address the planning issues set forth in your letter of June 12, 2002, and have been adopted by the Township of Sewickley as evidenced by the accompanying Resolution, which adopted the same.

1. The appeal proceedings have been stayed, by Order, until October 18, 2002.
2. Attached are copies of documentation evidencing efforts undertaken to date. Until August 5, 2002, and despite repeated requests, the Municipal Sewage Authority of the Township of Sewickley (MSATS) failed to deliver the environmental assessment it had performed. This base information was needed to begin the additional assessment required by RUS. This has now been done and the work is in process. It will be completed expeditiously.
3. A design flow of 250 gallons per day and a 600,0000 gallon sewage treatment plant has been utilized in planning and design as evidenced by the attached project cost comparisons. However, the interested parties may seek a permit to build a slightly larger plant if it will not adversely impact grants and funding.
4. RUS Funding is available subject to its usual restrictions or conditions, according to Barbara McMillen. This includes funding the added cost of the line connecting the two systems and the enlarged lines downstream from Lowber. This is also true as to the PennVest Funds, according to Larry Gasparato. The same is true as to Community Development Block Grant funds administered by Westmoreland County. A conference was held on August 2, 2002, with representatives of the County and the United States Housing and Urban Development Agency to verify conditions and requirements.

5. The planning scenarios provide for the two Authorities to remain in existence and to each serve the sewage needs in their respective service areas with MSATS being a bulk customer of Sutersville-Sewickley Municipal Sewage Authority (SSMSA) for transportation and treatment services. MSATS will own, operate and maintain its collection system and interceptor in its service area.
6. The RUS Funding scenario directed in your letter (50% grant/loan) has been utilized.
7. Larry Gasparato has repeatedly advised that the two plants versus one plant scenario has no effect on Pennvest funding. The criteria for grants/loans remains the same. A \$1,000,000 grant from Pennvest will be anticipated. Discussion with Larry Gasparato of Pennvest has indicated that at the most recent meeting of the Pennvest Board, a \$2,000,000 grant was made for a joint project in Westmoreland County, which is also funded in part by CDBG funds. Further, the new budget and Growing Greener Legislation (particularly tapping fee increases) assures funding of this Pennvest program through 2010.
8. All funding scenarios outlined in your June 12, 2002, letter have been utilized. Alternative funding scenarios have been reviewed, calculated and are provided. The figures used herein are subject to possible further refinement and the engineers for the Township, SSMSA and MSATS will be discussing that in the next ten (10) days.
9. The CDBG money is still available. A meeting was held with representatives of the County Planning Department, Pittsburgh Regional HUD representatives, Sutersville Sewickley Joint Authority Chairman, Solicitor and Engineer; along with representatives of the Board of Supervisors for Sewickley Township and its Solicitor. The Sutersville-Sewickley project remains eligible for the \$500,000 funding originally considered when two (2) plants were planned. Also see No. 4 above.
10. Planning information will be presented as an Act 537 Update and preparation in that format is in process. A draft update will be completed expeditiously.
11. The accompanying Resolution adopting this response has been adopted by the Board of Supervisors.

The Board of Supervisors of Sewickley Township adopted the attached Resolution at a public meeting held on August 12, 2002, adopting and approving the matters set forth herein and agreed to continue to follow all measures necessary to carry out the proposed project for a single sewage treatment plant to serve the MSATS and SSMSA service areas. At a public meeting held on August 12, 2002, the Sutersville-Sewickley Municipal Sewage Authority expressed a willingness to support the option as long as it goes forward and does not increase costs to its customers. The Municipal Sewage Authority of the Township of Sewickley will consider the plan at its August 20, 2002 meeting, but MSATS has stated that it will support the lowest cost option.

12. The Township of Sewickley will cooperate with both Authorities and the Borough of Sutersville in any proposed operating agreements.

The Township is prepared to cooperate with all municipalities and authorities involved, as well as all funding agencies and the Department. At the Sutersville-Sewickley Municipal Sewage Authority meeting of August 12, 2002, attended by representatives of the Borough of Sutersville, the Township of Sewickley and the Municipal Sewage Authority of the Township of Sewickley, the most recent analysis and information was discussed, based upon those discussions, the Township requests a further period of thirty (30) days to complete this application and is willing to participate in a joint meeting of all municipalities, authorities, funding agencies and the Department.

Very truly yours,



Robert Keller, Chairman



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

July 24, 2002

Fish and Wildlife Service
315 South Allen Street, Suite 322
State College, PA 16801-4850

Re: Borough of Sutersville
Westmoreland County, Pennsylvania
Endangered Species and Wetland Clearance
GF 37107.002

Ladies/Gentlemen:

The Sutersville-Sewickley Municipal Sewage Authority proposes to construct a sewerage system and treatment plant to serve the Borough of Sutersville and portions of Sewickley Township. An Official Act 537 Plan is currently under review by the Pennsylvania Department of Environmental Protection. A portion of the project may receive funding from the Rural Utilities Service (RUS). In accordance with the requirements of RUS we are writing to request a review of the Pennsylvania Natural Diversity Inventory Data (PNDI) and wetlands.

We have enclosed a map which delineates the location of the sewers, pumping station and treatment facility. In addition, a wetland investigation was done for the proposed pumping station and plant sites. We have also enclosed a copy of the report. Please review the maps and report and provide a response to our office in regards to endangered species and wetlands.

We appreciate your assistance with this matter. If you have any questions, please contact us.

Very truly yours,

GANNETT FLEMING, INC.

A handwritten signature in black ink, appearing to read 'Michael D. Hritz', written over the printed name.

MICHAEL D. HRITZ, P.E.

Project Manager

Enclosures

cc: Borough (w/c)

File ✓

A Tradition of Excellence



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

July 24, 2002

Fish and Wildlife Service
315 South Allen Street, Suite 322
State College, PA 16801-4850

Re: Borough of Sutersville
Westmoreland County, Pennsylvania
Endangered Species and Wetland Clearance
GF 37107.002

Ladies/Gentlemen:

The Sutersville-Sewickley Municipal Sewage Authority proposes to construct a sewerage system and treatment plant to serve the Borough of Sutersville and portions of Sewickley Township. An Official Act 537 Plan is currently under review by the Pennsylvania Department of Environmental Protection. A portion of the project may receive funding from the Rural Utilities Service (RUS). In accordance with the requirements of RUS we are writing to request a review of the Pennsylvania Natural Diversity Inventory Data (PNDI) and wetlands.

We have enclosed a map which delineates the location of the sewers, pumping station and treatment facility. In addition, a wetland investigation was done for the proposed pumping station and plant sites. We have also enclosed a copy of the report. Please review the maps and report and provide a response to our office in regards to endangered species and wetlands.

We appreciate your assistance with this matter. If you have any questions, please contact us.

Very truly yours,

GANNETT FLEMING, INC.


MICHAEL D. HRITZ, P.E.
Project Manager

Enclosures

cc: Borough (w/c)

file ✓



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

April 18, 2002

Ms. Judy L. Self, Planning Specialist 2
Pennsylvania Department of
Environmental Protection
Armbrust Professional Center
RR #2, Box 603-C
Greensburg, PA 15601-8739

Re: Borough of Sutersville/Sewickley Township
Official Act 537 Sewage Facilities
Plan Update
GF 37107.007

Dear Ms. Self:

As requested, in your letter dated December 12, 2001, Gannett Fleming has performed a wetlands field view of potential treatment facility sites for the above-referenced project.

The wetlands field view was conducted on April 9, 2002. A copy of the Wetland Field View Minutes is enclosed. The results from the field view indicate that construction of wastewater treatment facilities at the locations investigated would not impact wetlands.

If you should have any questions, or require any additional information, please contact us.

Very truly yours,

GANNETT FLEMING, INC.

ROBERT W. DENGLER II, P.E.
Project Manager

Enclosure

cc: Borough of Sutersville (w/c)
Sewickley Township Supervisors (w/c)
PennVest
Rural Utilities Service
Westmoreland County Department of Planning and Development
N:\ENV\Sutersville\Act537 Plan\007-Wetlands\self.doc

WETLAND FIELD VIEW MINUTES

Project: Borough of Sutersville/Sewickley Township Sewage Treatment Plant
Pump Station Locations

Date: April 9, 2002

Refer to = 20020057.3

Minutes Prepared: April 9, 2002

Attendees: Richard Sobol, U.S. Army Corps of Engineers (COE), Pittsburgh District
Robert Dengler, Gannett Fleming
Matt Mason, Gannett Fleming

Discussion

In July of 2001 the Borough of Sutersville and Sewickley Township submitted an Act 537 Sewage Facilities Plan to the Pennsylvania Department of Environmental Protection (PaDEP). The Act 537 Plan discussed various alternatives for providing sewage disposal for the Borough of Sutersville and surrounding portions of Sewickley Township, including the Villages of Lowber and Gratztown. The preferred alternative is the construction of a new sewage collection system in the study area which will convey wastewater to a new sewage treatment plant located in the Scott Haven area of Sewickley Township, downstream of the Borough of Sutersville on the Youghiogheny River. Upon review of the Act 537 Plan, PaDEP requested additional wetlands verification of potential pump station and treatment plant sites.

This wetland field view was necessary to provide information in response to the December 12, 2001 letter from PaDEP stating "...Field Verification at all sewage treatment and pump station sites should be conducted.". The field view was conducted in order to determine if wetlands are located within those areas identified for the proposed construction of a sewage treatment plant and associated pump station. A total of 4 locations were visited during the field view.

Findings

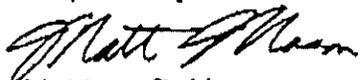
- Sutersville Pump Station – two sites are being considered at this time. One is located west of the CSX Railroad tracks and the other on the east of the tracks along Mars Hill Road just to the east of the bridge over the Youghigeny River. The site to the west of the tracks consists of mowed lawn and the site to the east consists of a fenced gravel lot previously occupied by a used car lot. No wetlands are located on either of the proposed sites.
- Sewage Treatment Plant Site 1 – Located northwest of the CSX Railroad tracks and the gated crossing in the area of Scott Haven. This area has been extensively disturbed by the placement of coal mine refuse. The area is located on a high mound of mine spoil above the River. Dominant tree species in this area consist of American elm, black locust, box elder, and black cherry. No wetlands are located within this area.

- Sewage Treatment Plant Site 2 – This site is located on the east side of the CSX Railroad tracks and gated crossing in the area of Scott Haven. This area has been extensively disturbed by the placement of mine spoil and former residences located upslope of the railroad tracks. Dominant tree species in this area include box elder, black cherry, black locust, and dead American elm. No wetlands are located within this area.
- Sewage Treatment Plant Site 3 – This site is located between Scott Haven Road and the CSX Railroad tracks. This disturbed area once contained several residences and has been disturbed by the placement of mine spoil. Dominant tree species in this area consist of black cherry, black locust, box elder, devil's walking stick, and spruce. No wetlands are located within this area.

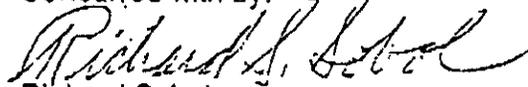
Summary & Recommendations

No wetland delineations were completed as part of this field view and the main purpose was to determine if the proposed pump station and sewage treatment plant could be constructed without resulting in significant wetland impacts. Based upon the location of the proposed facilities as depicted on the maps provided at the field view and clarification received in the field these facilities could be constructed without wetland impacts.

Prepared by:


Matthew R. Mason
Environmental Specialist
Gannett Fleming, Inc.

Concurred with by:

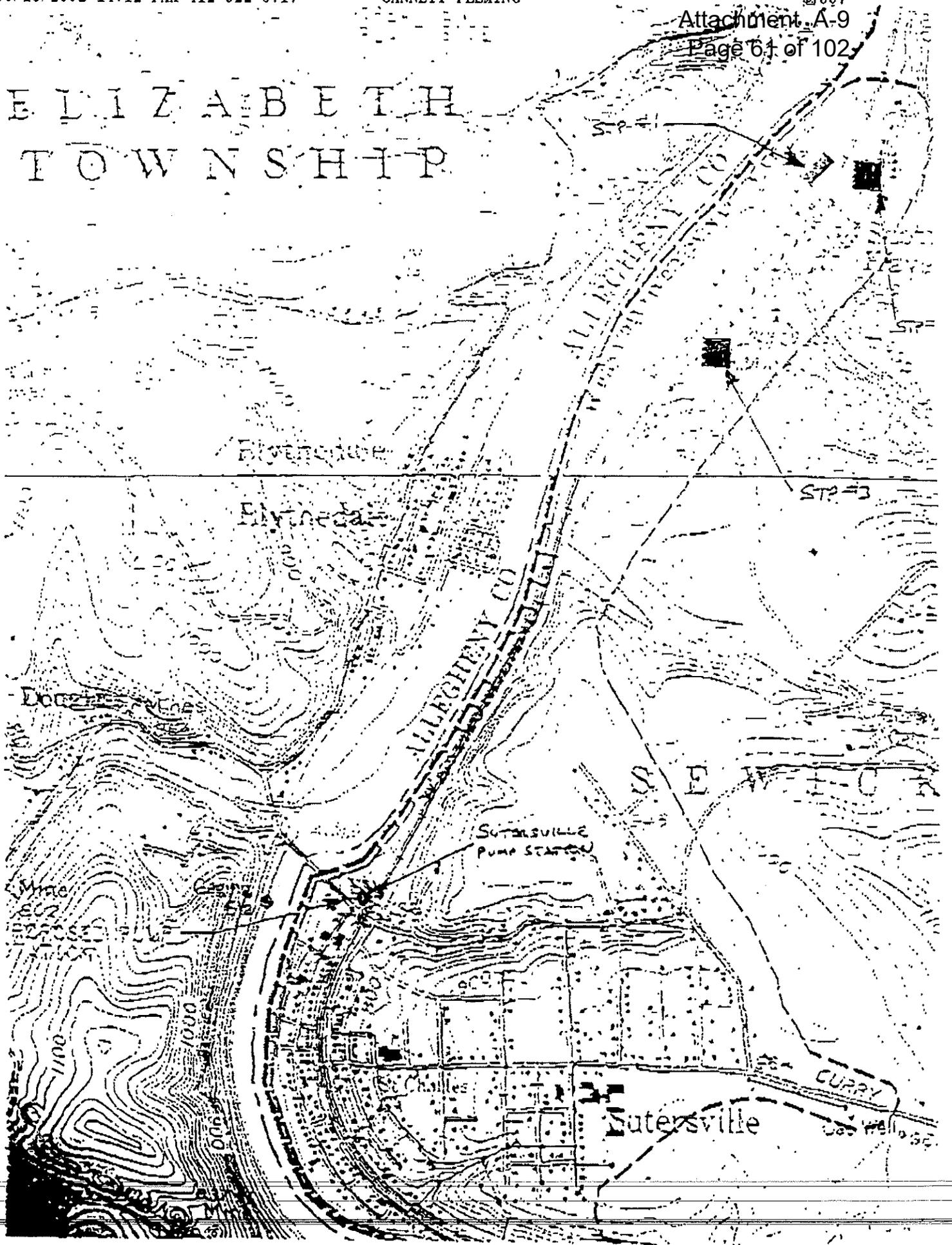

Richard Sobol
US Army Corps of Engineers
Pittsburgh District

4/12/02

Corps Project No:
200 200543

N:\ENV\Sutersville\Act537 Plan\007-Wetlands\02-11-02 WETLAND FIELD VIEW MINUTES.doc

ELIZABETH TOWNSHIP





United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pennsylvania Field Office
315 South Allen Street, Suite 322
State College, Pennsylvania 16801-4850



August 6, 2002

Michael D. Hritz, P.E.
Project Manager
Gannett Fleming, Inc.
Foster Plaza III, Suite 200
601 Holiday Drive
Pittsburgh, PA 15220

Dear Mr. Hritz:

This responds to your letter of July 24, 2002, requesting information about federally listed and proposed endangered and threatened species within the area affected by the proposed construction of a sewerage system and treatment plant (Sutersville-Sewickley) located in the Borough of Sutersville, Westmoreland County, Pennsylvania. The following comments are provided pursuant to the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) to ensure the protection of endangered and threatened species.

Except for occasional transient species, no federally listed or proposed threatened or endangered species under our jurisdiction are known to occur within the project impact area. Therefore, no biological assessment nor further consultation under the Endangered Species Act are required with the Fish and Wildlife Service. This determination is valid for two years from the date of this letter. If the proposed project has not been fully implemented prior to this, an additional review by this office will be necessary. Also, should project plans change, or if additional information on listed or proposed species becomes available, this determination may be reconsidered. A compilation of certain federal status species in Pennsylvania is enclosed for your information.

This response relates only to endangered or threatened species under our jurisdiction based on an office review of the proposed project's location. No field inspection of the project area has been conducted by this office. Consequently, this letter is not to be construed as addressing potential Service concerns under the Fish and Wildlife Coordination Act or other authorities.

Requests for information regarding State-listed endangered or threatened species should be directed to the Pennsylvania Game Commission (birds and mammals), the Pennsylvania Fish and Boat Commission (fish, reptiles, amphibians and aquatic invertebrates), and the Pennsylvania Department of Conservation and Natural Resources (plants).

Please contact Michael Schmaus of my staff at 814-234-4090 if you have any questions or require further assistance.

Sincerely,

A handwritten signature in cursive script, appearing to read "David Densmore", followed by a long horizontal line extending to the right.

David Densmore
Supervisor

Enclosure

**FEDERALLY LISTED, PROPOSED AND CANDIDATE SPECIES
(in Pennsylvania)**

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u> ¹	<u>Distribution</u>
<u>FISHES</u>			
Shortnose sturgeon ²	<i>Acipenser brevirostrum</i>	E	Delaware River & other Atlantic coastal waters
<u>REPTILES</u>			
Bog turtle	<i>Clemmys muhlenbergii</i>	T	Current - Adams, Berks, Bucks, Chester, Cumberland, Delaware, Franklin, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton and York Co. Historic - Crawford, Mercer and Philadelphia Co.
Eastern massasauga rattlesnake	<i>Sistrurus catenatus catenatus</i>	C	Current - Butler, Crawford, Mercer and Venango Co. Historic - Allegheny and Lawrence Co.
<u>BIRDS</u>			
Bald eagle	<i>Haliaeetus leucocephalus</i>	T	Suitable habitats across the state. Recent nesting in Butler, Cameron, Centre, Chester, Crawford, Dauphin, Erie, Forest, Huntingdon, Lancaster, Lebanon, Mercer, Northumberland, Pike, Tioga, Venango, Warren and York Co. Wintering concentrations occur near ice-free sections of rivers, lakes and reservoirs, including the Delaware River.
Piping plover	<i>Charadrius melodus</i>	E	Presque Isle (Erie County). Migratory. No nesting in Pennsylvania since mid-1950s.
<u>MAMMALS</u>			
Indiana bat	<i>Myotis sodalis</i>	E	Winter hibernacula: Armstrong, Blair, Lawrence, Luzerne, Mifflin and Somerset Co.
<u>MOLLUSKS</u>			
Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	E	Current - Delaware River (Wayne Co.). Historic - Delaware River watershed (Bucks, Carbon, Chester and Philadelphia Co.); Susquehanna River watershed (Lancaster Co.)
Clubshell mussel	<i>Pleuroberma clava</i>	E	French Creek and Allegheny River watersheds (Clarion, Crawford, Erie, Forest, Mercer, Venango and Warren Co.)
Northern riffleshell	<i>Epioblasma torulosa rangiana</i>	E	French Creek and Allegheny River watersheds (Clarion, Crawford, Erie, Forest, Mercer, Venango and Warren Co.)
<u>PLANTS</u>			
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E	Current - Adams, Bedford, Blair, Carbon, Centre, Clinton, Cumberland, Dauphin, Franklin, Huntingdon, Lackawanna, Lehigh, Lycoming, Mifflin, Monroe, Perry, Snyder and Union Co. Historic - Northampton Co.
Small-whorled pogonia	<i>Isotria medeoloides</i>	T	Current - Centre, Chester and Venango Co. Historic - Berks, Greene, Monroe, Montgomery and Philadelphia Co.

¹ E = Endangered, T = Threatened, PE = Proposed Endangered, PT = Proposed Threatened, C = Candidate Revised 12/05/00
² Shortnose sturgeon is under the jurisdiction of the National Marine Fisheries Service

**FEDERALLY LISTED AND PROPOSED SPECIES
THAT NO LONGER OCCUR IN PENNSYLVANIA**

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>STATUS**</u>	<u>FORMER DISTRIBUTION</u>
<u>MAMMALS</u>			
Canada lynx	<i>Lynx canadensis</i>	PT	north-central PA (Tioga Co.)
Delmarva Peninsula fox squirrel	<i>Sciurus niger cinereus</i>	E	mature forests of southeastern PA (Delaware and Chester Co.)
Eastern cougar	<i>Felis concolor cougar</i>	E	state-wide
Grey wolf	<i>Canis lupus</i>	E	state-wide
<u>MOLLUSKS</u>			
Fanshell*	<i>Cyprogenia stegaria</i>	E	Ohio River drainage
Orange pimpleback*	<i>Plethobasus striatus</i>	E	Ohio River drainage
Pink mucket pearly mussel*	<i>Lampsilis abrupta</i>	E	Ohio River drainage
Ring pink mussel*	<i>Obovaria retusa</i>	E	Ohio River drainage
Rough pigtoe*	<i>Pleurobema plenum</i>	E	Ohio River drainage
<u>INSECTS</u>			
American burying beetle	<i>Nicrophorus americanus</i>	E	state-wide
Karner blue butterfly	<i>Lycaeides melissa samuelis</i>	E	pine barrens, oak savannas (wild lupine habitat) (Wayne Co.)
Northeastern beach tiger beetle	<i>Cicindela dorsalis dorsalis</i>	T	along large rivers in southeastern PA
<u>PLANTS</u>			
Eastern prairie fringed orchid	<i>Platanthera leucophaea</i>	T	wet prairies, bogs (Crawford Co.)
Sensitive joint-vetch	<i>Aeschynomene virginica</i>	T	freshwater tidal marshes of Delaware river (Delaware and Philadelphia Co.)
Virginia spiraea*	<i>Spiraea virginiana</i>	T	along Youghiogheny River (Fayette Co.)
Smooth coneflower	<i>Echinacea laevigata</i>	E	serpentine barrens (Lancaster Co.)

Revised 10/19/00

* It is possible that remnant populations of some of these species (indicated with an *) may still occur in Pennsylvania, however, there have been no confirmed sightings of these species for over 70 years.

** E = Endangered, T = Threatened, PT = Proposed Threatened

The following is a partial list of additional species that no longer occur in Pennsylvania: moose, bison, wolverine, passenger pigeon, Bachman's sparrow, greater prairie-chicken, olive-sided flycatcher, Bewick's wren, eastern tiger salamander, blue pike, butterfly mussel, Diana fritillary butterfly, precious underwing moth, deertoe mussel, marbled underwing moth, cobblestone tiger beetle, mountain clubmoss, crested yellow orchid, red milkweed, American barberry, small white lady's-slipper, etc, etc.



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

July 24, 2002

Ms. Kathy Fritz
Westmoreland County Conservation District
RD 12, Box 202B
Greensburg, PA 15601

Re: Borough of Sutersville
Official Act 537 Sewage Facilities Plan
Borough of Sutersville and portions of
Sewickley Township
GF 37107.002

Dear Ms. Fritz:

The Sutersville-Sewickley Municipal Sewage Authority proposes to construct a sewerage system and treatment plant to serve the Borough of Sutersville and portions of Sewickley Township. Previous requests have been made for a Pennsylvania Natural Diversity Inventory (PNDI) search for the proposed project area as part of the Act 537 process. However, it is our understanding that PNDI results are valid for only one (1) year and we wish to have the previous determinations updated.

We have enclosed all correspondence pertaining to the request and results. Please review the enclosed information and provide our office with an update as to any species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Game Code.

If you have any questions, please contact us.

Very truly yours,

GANNETT FLEMING, INC.

A handwritten signature in black ink, appearing to read "Michael D. Hritz".

MICHAEL D. HRITZ, P.E.
Project Manager

Enclosures

cc: Borough (w/c)

File ✓

8010-PL-WQ0037 Rev. 10/97



MAY 3 1 2001

RECEIVED
COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY PROTECTION
BUREAU OF WATERWAYS ENGINEERING

Gannett Fleming
PITTSBURGH

SUPPLEMENT NO. 1

PNDI Screening
Reviewer: K. [unclear]
Date: 5/3/01
Phone No: 724-783-5411

PENNSYLVANIA NATURAL DIVERSITY INVENTORY SEARCH FORM

This form provides site information necessary to perform a computer screening for species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Game Code. Records regarding species of special concern are maintained in a computer data base called the "Pennsylvania Natural Diversity Inventory" (PNDI). This screening represents the most up to date PNDI data and may not reflect actual field conditions. Results of this PNDI search are valid for one year.

Please complete the information below, attach an 8 1/2" x 11" photocopy (DO NOT REDUCE) of the portion of the U.S.G.S. Quadrangle Map that identifies the project location and outlines the approximate boundaries of the project and mail to the appropriate regional office or the delegated County Conservation District prior to completing a Chapter 105 environmental assessment or any other DEP permit application. (SEE REVERSE SIDE FOR LIST OF OFFICES AND ADDRESSES).

NAME: Robert W. Dengler, E.I.T., Gannett Fleming, Inc.
ADDRESS: Foster Plaza 3, Suite 200
601 Holiday Drive Pittsburgh, PA 15220
PHONE: (412) 922-5575
COUNTY: Westmoreland
TWP./MUNICIPALITY: Sewickley Township
U.S.G.S. 7 1/2 Minute Quadrangle
McKeesport



North (Up) 1.45 inches
West (to the left) 5.50 inches

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

This area is an addition to the previous request on 12/13/99 which was reviewed by N59395 JS. This area is approximately 1 to 5 acres for a proposed STP.

INDICATE PROJECT LOCATION TO THE NEAREST ONE TENTH INCH MEASURING FROM THE EDGE OF THE MAP IMAGE FROM THE LOWER RIGHT CORNER.

SCREENING RESULTS - Follow the directions of the checked block.

- No potential conflicts were encountered during the PNDI computer screening. Include this form with your environmental assessment or permit application submission.
- Potential conflicts were resolved with (FAS/PNDI staff person on .19) Include this form with your environmental assessment or permit application submission.
- Potential conflicts must be resolved by contacting the following natural resource agencies checked below. Please provide a copy of this form along with a brief description of your project to the following agency for consultation and recommendations.

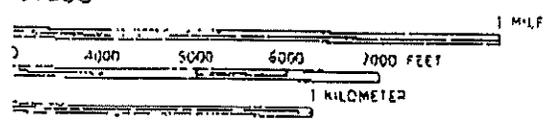
PLEASE CONTACT:

- Dept. of Conservation and Natural Resources
Bureau of Forestry/FAS/PNDI
P.O. Box 8552
Harrisburg, PA 17105
717-787-3444
- Mr. Andrew L. Shiels
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823
814-359-5113
- Mr. Denver A. McDowell
PA Game Commission
2001 Elmerton Ave.
Harrisburg, PA 17110-9797
717-783-8743

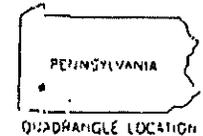
Include this form and the agency's written recommendation with your environmental assessment or permit application submission.



24000 31 MI 10 PA 136 47'30" 403 .604 605 60800



RVAL 20 FEET
TICAL DATUM OF 1929



QUADRANGLE LOCATION

ROAD CLASSIFICATION
 Heavy duty Light duty
 Medium duty Unimproved d
 U.S. Route State F

AL MAP ACCURACY STANDARDS
 RVEY, RESTON, VIRGINIA 22092
 AND SYMBOLS IS AVAILABLE ON REQUEL.

Boundary lines shown in purple compiled from latest
 information available from the controlling authority

MC KEESPC
 N4015 -W 75

1960
 PHOTOREVIS
 AMS 3007 IV SE-



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY PROTECTION
BUREAU OF WATERWAYS ENGINEERING

FOR DEPARTMENT USE ONLY
Page 69 of 102
PNDI Screening
Reviewer MS 9395 JD
Date 12/30/99
Phone No. 717-783-4905

SUPPLEMENT NO. 1
PENNSYLVANIA NATURAL DIVERSITY INVENTORY SEARCH FORM

This form provides site information necessary to perform a computer screening for species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Game Code. Records regarding species of special concern are maintained in a computer data base called the "Pennsylvania Natural Diversity Inventory" (PNDI). This screening represents the most up to date PNDI data and may not reflect actual field conditions. Results of this PNDI search are valid for one year.

Please complete the information below, attach an 8 1/2" x 11" photocopy (DO NOT REDUCE) of the portion of the U.S.G.S. Quadrangle Map that identifies the project location and outlines the approximate boundaries of the project and mail to the appropriate regional office or the delegated County Conservation District prior to completing a Chapter 105 environmental assessment or any other DEP permit application. (SEE REVERSE SIDE FOR LIST OF OFFICES AND ADDRESSES).

NAME: Robert W. Dengler, II, Gannett Fleming, Inc.

ADDRESS: Foster Plaza 3, 601 Holiday Drive

Pittsburgh, PA 15220

PHONE: (412) 922-5575

COUNTY: Westmoreland

TWP/MUNICIPALITY: Sutersville Borough and portions of Sewickley Township

U.S.G.S. 7 1/2 Minute Quadrangle

Donora

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

Acreage of the Borough is 192. Acreage of area in

Sewickley Twp is 280.



North (up) 20.1 inches

West (to the left) 6.9 inches

INDICATE PROJECT LOCATION TO THE NEAREST ONE TENTH INCH MEASURING FROM THE EDGE OF THE MAP IMAGE FROM THE LOWER RIGHT CORNER.

→ Center of Project

SCREENING RESULTS - Follow the directions of the checked block.

No potential conflicts were encountered during the PNDI computer screening. Include this form with your environmental assessment or permit application submission.

Potential conflicts were resolved with (FAS/PNDI staff person on 12/30/1999) Include this form with your environmental assessment or permit application submission.

Potential conflicts must be resolved by contacting the following natural resource agencies checked below. Please provide a copy of this form along with a brief description of your project to the following agency for consultation and recommendations.

Dept. of Conservation and Natural Resources
Bureau of Forestry/FAS/PNDI
P.O. Box 8552
Harrisburg, PA 17105
717-787-3444

PLEASE CONTACT:
 Mr. Andrew L. Shiels
PA Fish & Boat Commission
450 Robinson Lane
Belafonte, PA 16823
814-359-5113

Mr. Denver A. McDowell
PA Game Commission
2001 Elmerton Ave.
Harrisburg, PA 17110-9797
717-783-8743

* Include this form and the agency's written recommendation with your environmental assessment or permit application submission.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER QUALITY PROTECTION
BUREAU OF WATERWAYS ENGINEERING

REGISTRATION USE ONLY
PNDI Screening
Reviewer _____
Date _____
Phone No _____

**SUPPLEMENT NO. 1
PENNSYLVANIA NATURAL DIVERSITY INVENTORY SEARCH FORM**

This form provides site information necessary to perform a computer screening for species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Game Code. Records regarding species of special concern are maintained in a computer data base called the "Pennsylvania Natural Diversity Inventory" (PNDI). This screening represents the most up to date PNDI data and may not reflect actual field conditions. Results of this PNDI search are valid for one year.

Please complete the information below, attach an 8 1/2" x 11" photocopy (DO NOT REDUCE) of the portion of the U.S.G.S. Quadrangle Map that identifies the project location and outlines the approximate boundaries of the project and mail to the appropriate regional office or the delegated County Conservation District prior to completing a Chapter 105 environmental assessment or any other DEP permit application. (SEE REVERSE SIDE FOR LIST OF OFFICES AND ADDRESSES).

NAME: Robert W. Dengler, II, Gannett Fleming, Inc.

ADDRESS: Foster Plaza 3, 601 Holiday Drive

Pittsburgh, PA 15220

PHONE: (412) 922-5575

COUNTY: Westmoreland

TWP/MUNICIPALITY: Sutersville Borough and portions of Sewickley Township

U.S.G.S. 7 1/2 Minute Quadrangle
Donora

PROJECT DESCRIPTION AND SIZE (Briefly describe entire area relevant to your project, including acreage.)

Acreage of the Borough is 192. Acreage of area in Sewickley Twp is 280.



INDICATE PROJECT LOCATION TO THE NEAREST ONE TENTH INCH MEASURING FROM THE EDGE OF THE MAP IMAGE FROM THE LOWER RIGHT CORNER.

Center Of Project

SCREENING RESULTS - Follow the directions of the checked block.

- No potential conflicts were encountered during the PNDI computer screening. Include this form with your environmental assessment or permit application submission.
- Potential conflicts were resolved with (FAS/PNDI staff person on .19) Include this form with your environmental assessment or permit application submission.
- Potential conflicts must be resolved by contacting the following natural resource agencies checked below. Please provide a copy of this form along with a brief description of your project to the following agency for consultation and recommendations.

PLEASE CONTACT:

Dept. of Conservation and Natural Resources
Bureau of Forestry/FAS/PNDI
P.O. Box 8552
Harrisburg, PA 17105
717-787-3444

Mr. Andrew L. Shiels
PA Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823
814-359-5113

Mr. Denver A. McDowell
PA Game Commission
2001 Elmerton Ave.
Harrisburg, PA 17110-9797
717-733-8743

Include this form and the agency's written recommendation with your environmental assessment or permit application submission.

PROJECT NARRATIVE

Borough of Sutersville

and

Surrounding Portions of Sewickley Township

The Borough of Sutersville, Westmoreland County, Pennsylvania, has received a county grant for the preparation of an Act 537 Plan Update for the Borough and surrounding portions of Sewickley Township (see attached Study Area Map). The Study Area shall include the entire Borough of Sutersville, and the built-up portions of Sewickley Township adjacent to the Borough. In addition, PADEP has requested that the villages of Gratztown and Lowber, Sewickley Township, be evaluated as part of the Study Area. Currently, the Study Area is served by on-lot septic systems, many of which are failing, thereby constituting a public health concern.

The most recent sewage facilities planning effort for this area was the *Little Sewickley Creek Watershed 201 Facilities Plan*, completed in 1985. This plan recommended that a gravity collection system be built to convey sewage from the Borough of Sutersville to a proposed wastewater treatment plant along the Youghioghenny River. Due to lack of funding, this plan was never implemented. Sewickley Township has just submitted a draft Act 537 Plan Update, but it did not include Lowber, Gratztown or the areas of the Township adjacent to the Borough of Sutersville.

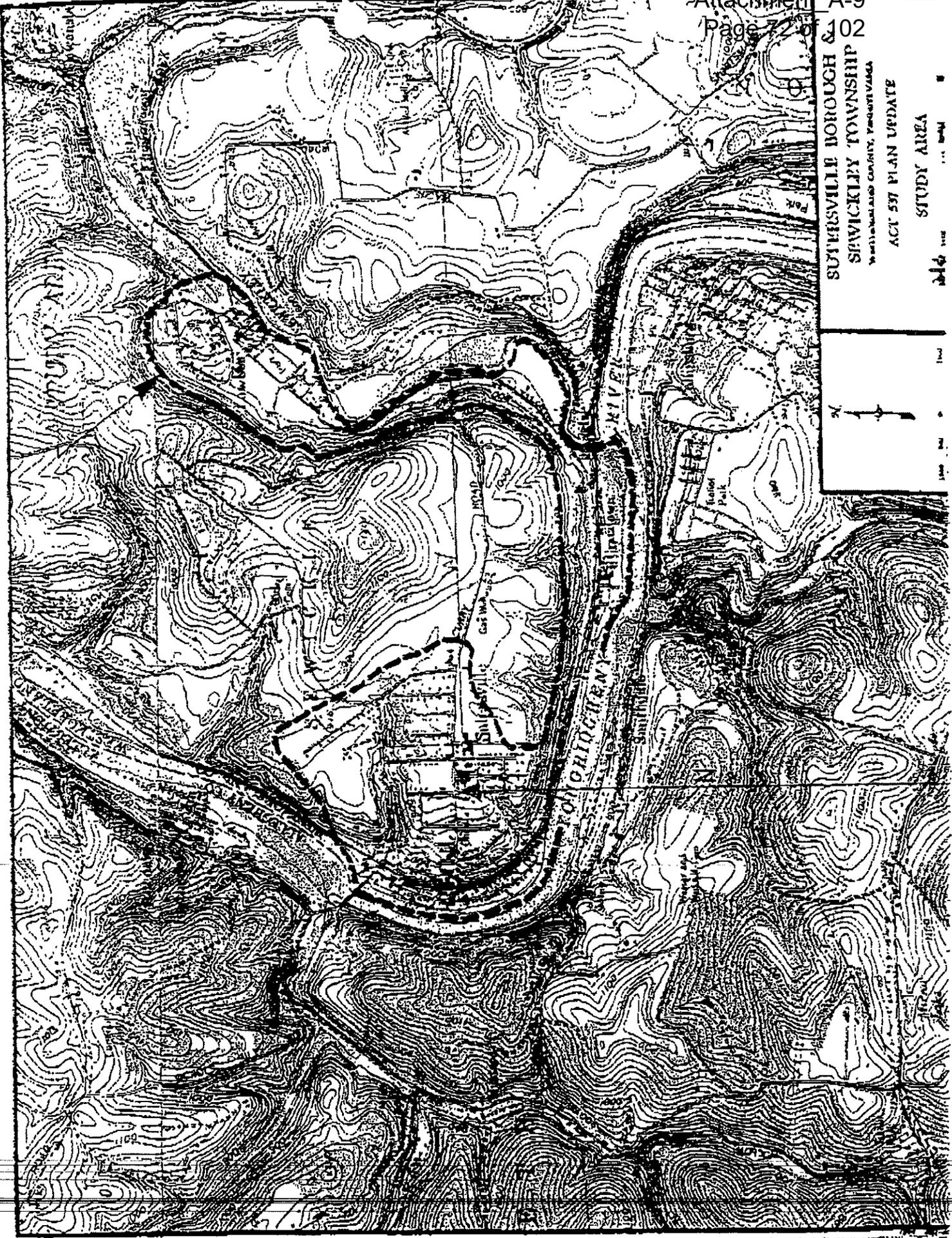
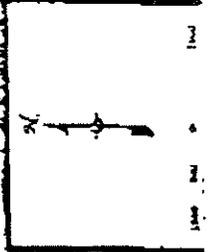
The Act 537 Plan Update will evaluate the feasibility of conveying sewage, by gravity sewer lines, from the Study Plan Area to a proposed wastewater treatment plant in Sutersville, along the Youghioghenny River. The feasibility of conveying the Study Area sewage to another system will also be explored. On-lot systems will not be considered as a solution to the Planning Area's sewage needs due to the documented problems with these systems in the Study Area. The entire Study Area is served by public water, therefore an analysis of well water will not be required. The ownership and operation of the proposed wastewater treatment system will be addressed in the Institutional Alternatives Section of the Act 537 Plan Update.

SUTHERSVILLE BOROUGH & SEAVICKLEY TOWNSHIP

Washington County, West Virginia

ACT 537 PLAN UPDATE

STUDY AREA



**Gannett Fleming**

GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

July 24, 2002

Mr. Chan Funk
Bureau of Historic Preservation
Pennsylvania Historical and Museum Commission
P.O. Box 1026
Harrisburg, PA 17108-1026

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Suterville Borough
Act 537 Official Sewage Plan Update
Borough of Suterville and Portions of
Sewickley Township
File No. ER 2000-0725-129-A
File No. ER 2000-0725-129-B
GF 37107.002

Dear Mr. Funk:

Gannett Fleming had previously requested a review of the study area for the Suterville Borough and Sewickley Township Act 537 for historical and archeological resources as part of the Pennsylvania Department of Environmental Protection Act 537 program. Since that time, it has been determined that a portion of the project may receive funding from the Rural Utilities Service and therefore a Section 106 review of the project area is required.

In accordance with the requirements of Section 106, The National Historic Preservation Act of 1966 (Public Law 89-665), Executive Order 11593 and FmHA Instruction 1940-G, Gannett Fleming is requesting a review for any known historical sites and potential impacts on known archaeological and historical sites in the project area shown on the attached maps.

We have enclosed for your use all previous correspondence with the Pennsylvania Historical and Museum Commission, Bureau for Historic Preservation for this project. If you have any questions regarding this request, please feel free to contact us.

Very truly yours,
GANNETT FLEMING, INC.

MICHAEL D. HRITZ, P.E.
Project Manager

Enclosure

cc: Borough (w/c)

File ✓



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Post Office Box 1026
Harrisburg, Pennsylvania 17108-1026

Attachment A-9
Page 74 of 102

June 19, 2000

Robert W. Dengler, II
Gannett Fleming, Inc.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220

TO EXPEDITE REVIEW USE
BHP REFERENCE NUMBER

Re: File No. ER 2000-0725-129-B
DEP ACT 537 Program, ACT 537
Official Sewage Plan Update,
Sutersville Borough, Westmoreland
Co.

Dear Mr. Dengler:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 *et seq.* (1988). This review includes comments on the project's potential effect on both historic and archaeological resources.

**A HIGH PROBABILITY EXISTS THAT ARCHAEOLOGICAL RESOURCES
MAY OCCUR WITHIN THE PROPOSED PERMIT AREA**

Based on an evaluation by our staff, there is a high probability that significant archaeological sites are located in this project area and could be adversely affected by project activities. Although there are no recorded archaeological sites within the project boundaries, the soil type, topographic setting, slope direction, and distance to water of the project area are similar to the settings of known archaeological sites in the vicinity. A Phase I archaeological survey of the project area to locate potentially significant archaeological resources is recommended but not required.

If a survey is not conducted and you encounter archaeological resources during construction, you must stop the project, notify the Pennsylvania Historical and Museum Commission's Bureau for Historic Preservation and the Department of Environmental Resources and allow the Bureau for Historic Preservation 60 days to conduct a survey to determine the significance of the archaeological resources. If the Bureau determines that

Page 2
June 19, 2000
Mr. Robert W. Dengler, III

the resources are significant, you must submit a mitigation plan to protect the significant resources on the site. We will review the plan within 30 days.

FOR YOUR INFORMATION

The Pennsylvania Historical and Museum Commission will keep the Determination Notice and the materials you submitted in its files. Please attach this letter to your copy of the Notice and materials then submit the entire package of materials to DEP.

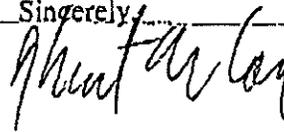
If this project will require any federal permits or will receive federal funding, the federal agency, under the National Historic Preservation Act of 1966, may require the appropriate surveys to be conducted. We suggest that you consider conducting the survey early in the development or planning process to avoid delays in the future. Guidelines and instructions for conducting Phase I surveys are available from our office upon request.

Thank you for notifying us of your proposed activity.

In our opinion no evaluation of historic structures will be necessary for this project area.

If you need further information regarding archaeological survey please contact Chan Funk at (717) 772-0924. If you need further information concerning historic structures please consult Ann Safley at (717) 787-9121. If you need a status only of the reviewed project please call Tina Webber at (717) 705-4036.

Sincerely,



Kurt W. Carr, Chief
Division of Archaeology &
Protection

KWC/lmm



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettflaming.com

May 30, 2000

Bureau of Historic Preservation
Pennsylvania Historical and Museum Commission
P.O. Box 1026
Harrisburg, PA 17108-1026

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: Sutersville Borough
Act 537 Official Sewage Plan Update
Cultural Resource Notice Scott Haven
File No. ER 2000-0725-129-A
GF 37107.002

Ladies/Gentlemen:

As previously indicated in our letter dated December 13, 1999, we are preparing an update to the Borough of Sutersville's Official Act 537 Sewage Facilities Plan. An original request was reviewed and the file number is indicated above. An additional site for a proposed sewage treatment plant has been added to the Plan. The site is approximately 1 to 5 acres and no structures exist on the site. Enclosed is a portion of the McKeesport U.S.G.S. which shows the location of the proposed site. Please review and respond with any known historical sites and potential impacts on known archaeological and historical sites.

If you have any questions, please contact us.

Very truly yours,

GANNETT FLEMING, INC.

A handwritten signature in cursive script, reading 'Robert W. Dengler, II'.

ROBERT W. DENGLER, II
Project Manager

Enclosure

cc: Borough (w/c)

N:\env\sutersville\act537 plan\002\blhp2

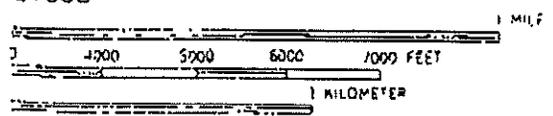


A Tradition of Excellence



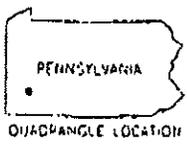
24000 31 MI TO PA. 136 47°30' 503 504 505 505000
INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

PROJECT AREA



RVAL 20 FEET
TICAL DATUM OF 1929

ROAD CLASSIFICATION			
Heavy duty		Light duty	
Medium duty		Unimproved d.	
	U S Route		State R



AL MAP ACCURACY STANDARDS
RVEY, RESTON, VIRGINIA 22092
ND SYMBOLS IS AVAILABLE ON REQUE

Boundary lines shown in purple compiled from latest
information available from the controlling authority

MC KEESPO
N4015-W79.

1960
PHOTOREVIST
AMS 5064 IV SE S



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Post Office Box 1026
Harrisburg, Pennsylvania 17108-1026

December 27, 1999

Robert W. Dengler, II
Gannett Fleming, Inc.
Foster Plaza III Suite 200
601 Holiday Drive
Pittsburgh, PA 15220

Re: File No. ER 2000-0725-129-A
DEP ACT 537 Program: Act 537
Plan Approval, Borough of
Sutersville & Sewickley Twp.,
Westmoreland Co.

Dear Mr. Dengler:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988). This review includes comments on the project's potential effect on both historic and archaeological resources.

This project is a planning study, therefore this office cannot assess the effects on specific historical and archaeological resources at this time. During the project planning stages, provisions should be made for the identification of historic and archaeological resources listed in or eligible for the National Register of Historic Places and for the assessment of the effects on these resources. The Bureau for Historic Preservation maintains records of National Register listed and eligible resources as well as archaeological surveys (P.A.S.S. files) and historic resource survey files. These surveys vary in their scope and methodology, therefore we recommend that you contact local historical societies and consult tax and deed records for additional information regarding your project area.

If you need further information regarding archaeological survey please contact Chan Funk at (717) 772-0924. If you need further information concerning historic structures please consult Ann Safley at (717) 787-9121. If you need a status only of the reviewed project please call Tina Webber at (717) 705-4036.

Sincerely,

Kurt W. Carr, Chief
Division of Archaeology &
Protection

CC: DEP, Southwest Region
KWC/lmm



GANNETT FLEMING, INC.
Foster Plaza III
Suite 200
601 Holiday Drive
Pittsburgh, PA 15220
Office: (412) 922-5575
Fax: (412) 922-3717
www.gannettfleming.com

December 13, 1999

Bureau of Historic Preservation
Pennsylvania Historical and Museum Commission
P.O. Box 1026
Harrisburg, PA 17108-1026

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

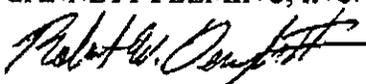
Re: Sutersville Borough
Act 537 Official Sewage Plan Update
Cultural Resource Notice
~~GF 2648.00+~~
37107.002

Ladies/Gentlemen:

We are preparing an update to the Borough of Sutersville Official Act 537 Sewage Facilities Plan. The update must include a response letter from the Bureau of Historic Preservation of any known historical sites and potential impacts on known archaeological and historical sites. Enclosed is the Cultural Resource Notice with a Project Narrative for your review and comments.

If you have any questions, please contact us.

Very truly yours,

GANNETT FLEMING, INC.

ROBERT W. DENGLER, II
Project Manager

Enclosures

cc: Borough (w/c)

File ✓

N:\env\sutersville\act537 plan\002\bhp

Bar Code

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
CULTURAL RESOURCE NOTICE



OFFICIAL USE ONLY

ID# (Assigned by State Agency) _____
Stamp Date Application Received _____

Before completing this form,
read the step-by-step instructions
provided with this form

SECTION A. APPLICANT IDENTIFIER

Applicant Name Borough of Sutersville
320 Municipal Avenue (724) 872-7988
Street Address Telephone Number

Sutersville PA 15083
City State Zip

Project Title _____

SECTION B. LOCATION OF PROJECT

Municipality Borough of Sutersville, Sewickley Twp. County Name Westmoreland
DEP County Code _____

SECTION C. REQUEST

DEP Permit DEP Approval List other permits, funding or approvals required, if known (federal/state/local).

Act 537 Plan Approval

Name of Specific DEP Permit or Approval Requested

SECTION D. RESPONSIBLE DEP REGIONAL, CENTRAL, DISTRICT MINING or OIL AND GAS MANAGEMENT OFFICE

DEP Regional Office Responsible for Review of Permit Application

<input type="checkbox"/> Southeast Regional Office (Corry)	<input type="checkbox"/> Central Office (Harrisburg)
<input type="checkbox"/> Southcentral Regional Office (Harrisburg)	<input type="checkbox"/> Northeast Regional Office (Wilkes-Barre)
<input type="checkbox"/> Southwest Regional Office (Pittsburgh)	<input type="checkbox"/> Northcentral Regional Office (Williamsport)
<input type="checkbox"/> District Mining Office: _____	<input type="checkbox"/> Northwest Regional Office (Meadville)
	<input type="checkbox"/> Oil and Gas Office: _____

SECTION E. RESPONSIBLE COUNTY CONSERVATION DISTRICT, if applicable.

County Conservation District _____

Telephone Number, if known _____

01 20-PM-PY0003 Rev. 8/97

SECTION F. CONSULTANT

Robert W. Dengler, II

Gannett Fleming, Inc.

Consultant, if applicable

Foster Plaza 3, Suite 200

601 Holiday Drive

Street Address

Pittsburgh, PA 15220

City, State, Zip

(412) 922-5575

Telephone Number

SECTION G. PROJECT BOUNDARIES AND DESCRIPTION

REQUIRED

Indicate the total acres in the property under review. Of this acreage, indicate the total acres of earth disturbance for the proposed activity.

Attach a 7.5' U.S.G.S. Map indicating the defined boundary of the proposed activity. (Donora Quad)

Attach photographs of any building any 50 years old. Indicate what is to be done to all buildings in the project area.

Attach a narrative description of the proposed activity.

Attach the return receipt of delivery of this notice to the Pennsylvania Historical and Museum Commission.

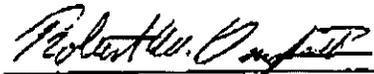
REQUESTED

Attach photographs of any building over 40 years old.

Attach site map, if available.

SECTION H. SIGNATURE BLOCK

Date of Submission of Notice to PHMC



Applicant's Signature

PROJECT NARRATIVE

Borough of Sutersville

and

Surrounding Portions of Sewickley Township

The Borough of Sutersville, Westmoreland County, Pennsylvania, has received a county grant for the preparation of an Act 537 Plan Update for the Borough and surrounding portions of Sewickley Township (see attached Study Area Map). The Study Area shall include the entire Borough of Sutersville, and the built-up portions of Sewickley Township adjacent to the Borough. In addition, PADEP has requested that the villages of Gratztown and Lowber, Sewickley Township, be evaluated as part of the Study Area. Currently, the Study Area is served by on-lot septic systems, many of which are failing, thereby constituting a public health concern.

The most recent sewage facilities planning effort for this area was the *Little Sewickley Creek Watershed 201 Facilities Plan*, completed in 1985. This plan recommended that a gravity collection system be built to convey sewage from the Borough of Sutersville to a proposed wastewater treatment plant along the Youghiogheny River. Due to lack of funding, this plan was never implemented. Sewickley Township has just submitted a draft Act 537 Plan Update, but it did not include Lowber, Gratztown or the areas of the Township adjacent to the Borough of Sutersville.

The Act 537 Plan Update will evaluate the feasibility of conveying sewage, by gravity sewer lines, from the Study Plan Area to a proposed wastewater treatment plant in Sutersville, along the Youghiogheny River. The feasibility of conveying the Study Area sewage to another system will also be explored. On-lot systems will not be considered as a solution to the Planning Area's sewage needs due to the documented problems with these systems in the Study Area. The entire Study Area is served by public water, therefore an analysis of well water will not be required. The ownership and operation of the proposed wastewater treatment system will be addressed in the Institutional Alternatives Section of the Act 537 Plan Update.

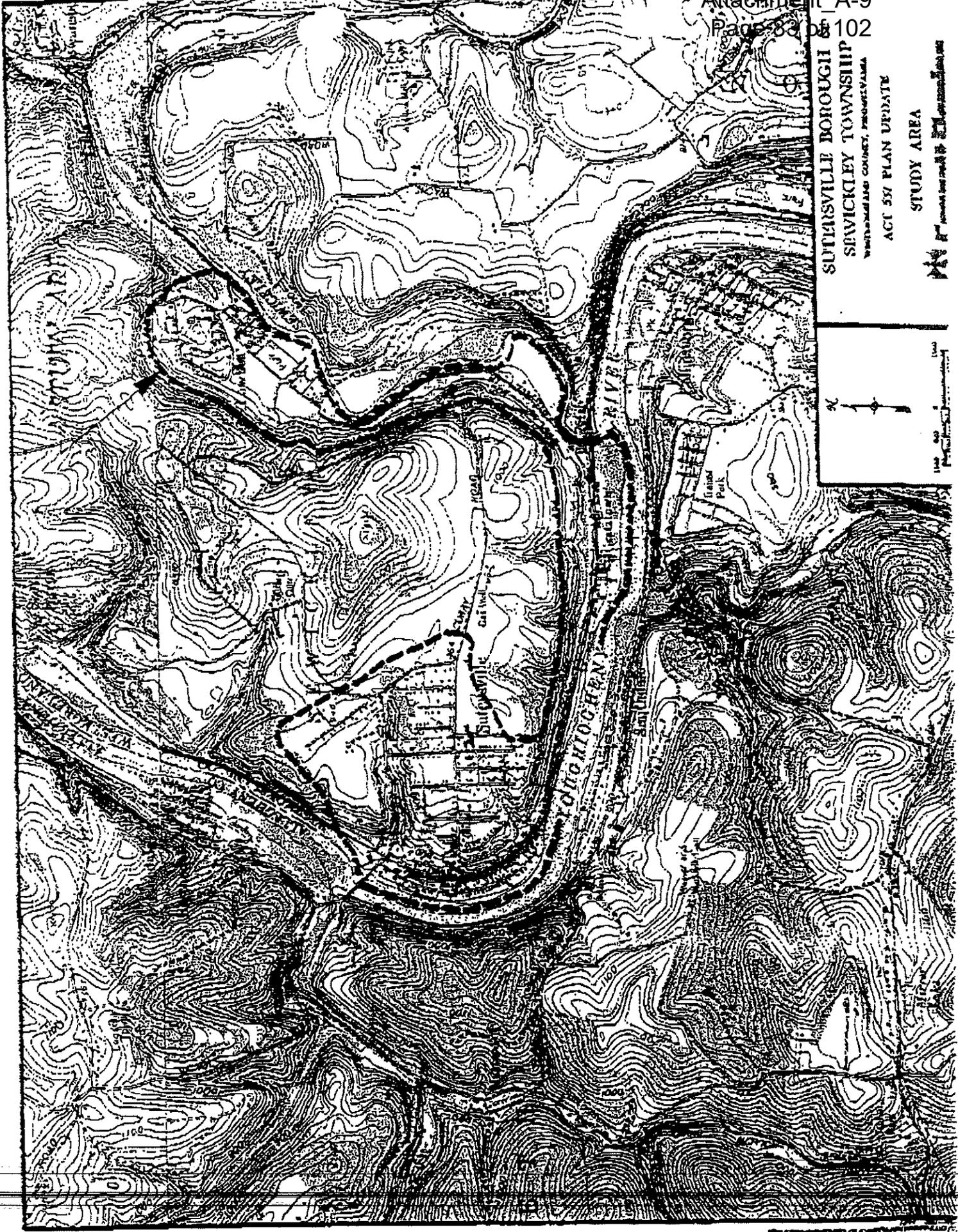
The Borough of Sutersville, according to the 1990 Census Data, is 192 acres or 0.3 square miles. The portion of Sewickley Township in the Plan Area is approximately 280 acres. The acreage to be disturbed will be the trench width for the sewers and areas for any pumping stations and wastewater treatment plant. Buildings in the Study Plan Area will not be displaced due to the project.

SUTERSVILLE BOROUGH &
SEVICKLEY TOWNSHIP
WASHINGTON COUNTY, PENNSYLVANIA

ACT 57 PLAN UPDATE

STUDY AREA

AS SHOWN ON MAP OF SEVICKLEY TOWNSHIP





Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093
www.phmc.state.pa.us

August 5, 2002

Michael D. Hritz, P.E.
Gannett Fleming, Inc.
Foster Plaza III, Suite 200
601 Holiday Drive
Pittsburgh, PA 15220

Re: File No. ER 2000-0725-129-C
RUS: Act 537 Official Sewage
Plan Update, Sutersville
Borough & Portions of
Sewickley Twp.
Westmoreland Co.

Dear Mr. Hritz:

The Bureau for Historic Preservation (the State Historic Preservation Office) has reviewed the above named project in accordance with Section 106 of the National Historic Preservation Act of 1966, as amended in 1980 and 1992, and the regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation. These requirements include consideration of the project's potential effect upon both historic and archaeological resources.

Based on an evaluation by our staff, there is a high probability that significant archaeological sites are located in this project area and could be adversely affected by project activities. Although there are no recorded archaeological sites within the project boundaries, the soil type, topographic setting, slope direction, and distance to water of the project area are similar to the settings of known archaeological sites in the vicinity. A Phase I archaeological survey of the project area is required to locate potentially significant archaeological resources. Guidelines and instructions for conducting Phase I surveys are available on our web site at

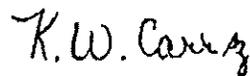
<http://www.phmc.state.pa.us/bhp/Inventories/ArchaeologyGuidelines.pdf> or from our office upon request.

In our opinion no evaluation of historic structures will be necessary for this project area.

Page 2
August 5, 2002
Michael D. Hritz, P.E.

If you need further information in this matter please consult Chan Funk at (717) 772-0924. If you need a **status only** of the reviewed project please call Tina Webber at (717) 705-4036.

Sincerely,



Kurt W. Carr, Chief
Division of Archaeology &
Protection

Cc: DEP, Southwest Regional Office

KWC/tnw

DEPT-SOUTHWEST REGIONAL OFFICE
02 AUG 15 AM 9:58

RESOLUTION NO. 22-2002

A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE TOWNSHIP OF SEWICKLEY, COUNTY OF WESTMORELAND AND COMMONWEALTH OF PENNSYLVANIA, AMENDING RESOLUTIONS NO. 18-2000, NO. 17-2001 AND 31-2001, ADOPTING AND SUBMITTING TO THE DEPARTMENT OF ENVIRONMENTAL PROTECTION, FOR ITS APPROVAL, AN OFFICIAL RESPONSE OF THE TOWNSHIP OF SEWICKLEY TO THE PLANNING ISSUES SET FORTH IN THE DEPARTMENT'S JUNE 12, 2002 LETTER TO THE TOWNSHIP; ADOPTING ACT 537 FACILITIES PLAN UPDATES; AND MAKING CERTAIN CHANGES, ADDITIONS AND AMENDMENTS TO THE ACT 537 SEWICKLEY FACILITIES PLAN UPDATES, AS SET FORTH ON THE ATTACHMENTS TO THIS RESOLUTION.

WHEREAS, the Board of Supervisors of the Township of Sewickley previously adopted Resolutions No. 18-2000 and 31-2001, which Resolutions adopted and submitted to the Department of Environmental Protection, for its approval; an Act 537 Sewage Facilities Plan Update for a portion of Sewickley Township; and

WHEREAS, by Resolution No. 17-2001, the Board of Supervisors adopted and submitted to the Department of Environmental Protection, for its approval, an Act 537 Sewickley Facilities Plan Update for a portion of Sewickley Township, to be serviced by a joint project with the Borough of Sutersville; and

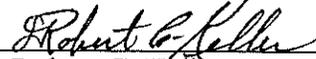
WHEREAS, the Board of Supervisors has reviewed both plans and has determined, based upon planning studies performed by Gannett Fleming, Inc., that certain recommended changes, additions and amendments should occur to said Act 537 Plan Updates; and

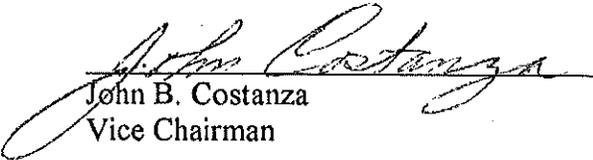
WHEREAS, the Board of Supervisors of the Township of Sewickley is desirous of adopting the recommendations of Gannett Fleming, Inc., attached hereto as Plan Updates to each of the aforesaid plans and as a response to the Department's planning requests of June 12, 2002.

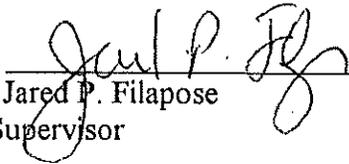
NOW THEREFORE BE IT RESOLVED and it is hereby resolved that the Board of Supervisors of the Township of Sewickley, hereby adopts and submits to the Department of Environmental Protection for its approval as a revision of the "Official Plans" of the Township of Sewickley, the above referenced facility planning prepared by Gannett Fleming, Inc. The Township of Sewickley hereby assures the Department of Environmental Protection of the complete and timely implementation of the said plan as required by law.

RESOLVED at a regular meeting of the Board of Supervisors of the Township of Sewickley, this 12th day of August, 2002.

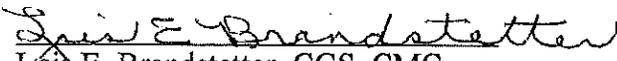
THE TOWNSHIP OF SEWICKLEY

BY: 
Robert C. Keller
Chairman


John B. Costanza
Vice Chairman


Jared P. Filapose
Supervisor

ATTEST: (SEAL)

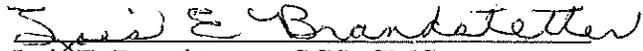

Lois E. Brandstetter, CGS, CMC
Secretary-Treasurer

CERTIFICATION

I, Lois E. Brandstetter, duly qualified Secretary-Treasurer of the Board of Supervisors of the Township of Sewickley, County of Westmoreland and Commonwealth of Pennsylvania, do hereby certify that the foregoing Resolution No. 22-2002 is a true and correct copy of the original Resolution No. 22-2002 duly passed and adopted by a majority vote of the Board of Supervisors of the Township of Sewickley at a duly advertised and convened regularly scheduled meeting held on the 12th day of August, 2002, and that the minutes of said meeting showing how each member voted have been duly recorded in the official minutes of said Board of Supervisors and remains in effect as of this date.

IN WITNESS, WHEREOF, I affix my hand and attach the seal of the Township of Sewickley, this 12th day of August, 2002.

Certified to by:


Lois E. Brandstetter, CGS, CMC
Secretary-Treasurer

**MUNICIPAL SEWAGE AUTHORITY OF SEWICKLEY TOWNSHIP
RUS Funding Scenarios
One and Two Treatment Plant Options**

	Two Plant Option		One Plant Option	
	RUS Loan at 4.5%, 40-Yr 50% RUS Grant		RUS Loan at 4.5%, 40-Yr 50% RUS Grant	
Tap Fee	\$750	\$1,000	\$750	\$1,000
Number of EDU's	1394	1394	1394	1394
Local Share via Tap Fees	\$1,045,500	\$1,394,000	\$1,045,500	\$1,394,000
Total Project Cost	\$15,571,454	\$15,571,454	\$14,979,277	\$14,979,277
Funding Required	\$14,525,954	\$14,177,454	\$13,933,777	\$13,585,277
Funding Sources				
RUS Loan Amount	\$7,262,977	\$7,088,727	\$6,966,889	\$6,792,639
Percent Loan	50.00%	50.00%	50.00%	50.00%
RUS Grant	\$7,262,977	\$7,088,727	\$6,966,889	\$6,792,639
Percent Grant	50.00%	50.00%	50.00%	50.00%
Projected User Rates				
Annual Debt Service	\$394,693.02	\$385,223.73	\$378,602.65	\$369,133.36
Debt Serv. Cost/EDU/Month	\$23.59	\$23.03	\$22.63	\$22.07
O&M Cost/EDU/Month	\$15.00	\$15.00	\$15.00	\$15.00
Total Monthly Cost/EDU	\$38.59	\$38.03	\$37.63	\$37.07

PROJECT COST COMPARISONS
One Treatment Plant vs. Two Treatment Plants

Sutersville-Sewickley Municipal Sewage Authority
August 1, 2002

	SEPARATE PROJECTS - TWO WWTPS		COMBINED PROJECT - ONE WWTP ⁽⁴⁾		
	Sutersville/Sewickley Act 537 Plan ⁽¹⁾	Herminie Act 537 Plan ⁽²⁾	Sutersville/ Sewickley	Herminie Project	Combined Project Total
EDUs	579	1,394	579	1,394	1,973
Percent of EDUs			29%	71%	100%
Projected Sewage Flows (gpd) ⁽³⁾	150,540	348,500	144,750	348,500	493,250
Proposed STP Capacity (gpd)	190,000	440,000	176,077	423,923	600,000
Reserve STP Capacity (gpd)	39,460	91,500	31,327	75,423	106,750
Reserve STP EDUs ⁽³⁾	152	366	125	302	427
Sutersville/Sewickley Joint Project Facilities					
Collection Sewers	\$2,121,000		\$2,121,000		\$2,121,000
Herminie Project Facilities					
Collection Sewers		\$8,273,140		\$8,273,140	\$8,273,140
Interceptor-Cowansburg to Lowber ⁽⁵⁾				\$510,000	\$510,000
Shared Facilities ⁽⁶⁾					
Interceptor-Lowber to Gratztown	\$389,400		\$114,274	\$275,126	\$389,400
Interceptor-Gratztown to Sutersville	\$535,500		\$157,149	\$378,351	\$535,500
Interceptor & Force Main Rail Crossings	\$50,000		\$14,673	\$35,327	\$50,000
Sutersville Pump Station	\$208,700		\$61,245	\$147,455	\$208,700
Force Main-Sutersville to Scott Haven	\$166,000		\$48,715	\$117,285	\$166,000
Interceptor-Scott Haven	\$266,000		\$78,061	\$187,939	\$266,000
Increase Sutersville Pump Station Capacity Sewage Treatment Plant ⁽⁷⁾	\$1,140,000	\$3,960,000	\$1,056,462	\$2,543,538	\$3,600,000
Office Space		\$125,000		\$125,000	\$125,000
Total Est. Const. Cost	\$4,876,600	\$12,358,140	\$3,681,579	\$12,663,161	\$16,344,740
Other Costs ⁽⁸⁾	\$1,706,810	\$3,213,314	\$2,602,810	\$2,316,116	\$4,918,926
TOTAL PROJECT COST	\$6,583,410	\$15,571,454	\$6,284,389	\$14,979,277	\$21,263,666
Cost / EDU	\$11,370	\$11,170	\$10,854	\$10,746	\$10,777

(1) Sutersville/Sewickley Joint Project estimated costs provided by Gannett Fleming from Sutersville/Sewickley Act 537 Plan, July 2001

(2) Herminie Project estimated costs provided by Gibson-Thomas from Sewickley Township Act 537 planning

(3) Sutersville/Sewickley Joint Project based upon 260 gpd per EDU for Act 537 Plan. Herminie Project based upon 250 gpd per EDU for Act 537 Plan.

(4) Sewage flows based on 250 gpd per EDU and a 600,000 gpd sewage treatment plant as per letter from Jack Crislip, PaDEP dated June 12, 2002.

(5) Based upon 8,500 l.f. of interceptor required to connect Cowansburg with Lowber at \$60/foot, including restoration

(6) Costs of shared facilities split by EDU, 71% for Herminie Project, 29% for Sutersville/Sewickley Joint Project

(7) Estimated at \$6 per gallon

(8) Sutersville/Sewickley Joint Projects based on 35% of estimated construction costs for other costs. Herminie Projects based on approximately 26% construction costs.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Revised Act 537 Plan PENNVEST Funding Scenarios
One Treatment Plant Option

	\$2,000,000 PENNVEST Grant 30-Yr PENNVEST Loan at 1%	\$1,000,000 PENNVEST Grant 30-Yr PENNVEST Loan at 1%	No PENNVEST Grant 30-Yr PENNVEST Loan at 1%	Target - \$40/month & \$1,000 Tap Fee 30-Yr PENNVEST Loan at 1%
Tap Fee	\$750	\$0	\$0	\$1,000
TOTAL PROJECT COST	\$6,284,389	\$6,284,389	\$6,284,389	\$6,284,389
Funding Sources				
PENNVEST Loan Amount	\$3,600,139	\$3,784,389	\$4,784,389	\$4,482,799
Percent Loan	64.29%	65.42%	82.71%	82.17%
PENNVEST Grant	\$2,000,000	\$2,000,000	\$1,000,000	\$972,590
CDBG Grant	\$250,000	\$500,000	\$500,000	\$250,000
Percent Grant	35.71%	34.58%	17.29%	17.83%
Local Share via Tap Fees	\$434,250	\$0	\$0	\$579,000
Number of EDU's	579	579	579	579
Projected User Rates				
Annual Debt Service	\$139,498.59	\$146,637.93	\$185,386.05	\$173,700.00
Debt Serv. Cost/EDU/Month	\$20.08	\$21.11	\$30.42	\$25.00
O&M Cost/EDU/Month	\$15.00	\$15.00	\$15.00	\$15.00
Total Monthly Cost/EDU	\$35.08	\$36.11	\$45.42	\$40.00

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Revised Act 537 Plan PENNVEST Funding Scenarios
Two Treatment Plant Option

	\$2,000,000 PENNVEST Grant 30-Yr PENNVEST Loan at 1%	\$1,000,000 PENNVEST Grant 30-Yr PENNVEST Loan at 1%	No PENNVEST Grant 30-Yr PENNVEST Loan at 1%	Target - \$40/month & \$1,000 Tap Fee 30-Yr PENNVEST Loan at 1%
Tap Fee	\$750	\$750	\$1,000	\$1,000
TOTAL PROJECT COST	\$6,583,410	\$6,583,410	\$6,583,410	\$6,583,410
Funding Sources				
PENNVEST Loan Amount	\$3,899,160	\$4,899,160	\$5,754,410	\$4,482,799
Percent Loan	66.10%	83.03%	100.00%	77.90%
PENNVEST Grant	\$2,000,000	\$1,000,000	\$0	\$1,271,611
CDBG Grant	\$250,000	\$250,000	\$500,000	\$250,000
Percent Grant	33.90%	16.99%	0.00%	22.10%
Local Share via Tap Fees	\$434,250	\$434,250	\$579,000	\$579,000
Number of EDU's	579	579	579	579
Projected User Rates				
Annual Debt Service	\$151,085.09	\$189,833.21	\$222,972.53	\$173,700.00
Debt Serv. Cost/EDU/Month	\$21.75	\$27.32	\$32.09	\$25.00
O&M Cost/EDU/Month	\$15.00	\$15.00	\$15.00	\$15.00
Total Monthly Cost/EDU	\$36.75	\$42.32	\$47.09	\$40.00
				\$40.00



Pennsylvania Department of Environmental Protection

Rachel Carson State Office Building

P.O. Box 2063

Harrisburg, PA 17105-2063

September 9, 2002

The Secretary

Phone: 717-787-2814

E-Mail: DavidHess@state.pa.us

The Honorable Rick Santorum
U.S. Senate
120 Russell Senate Office Building
Washington, DC 20510

Dear Senator Santorum:

Thank you for your recent letter concerning the sewerage projects in Sewickley Township and Sutersville Borough in Westmoreland County.

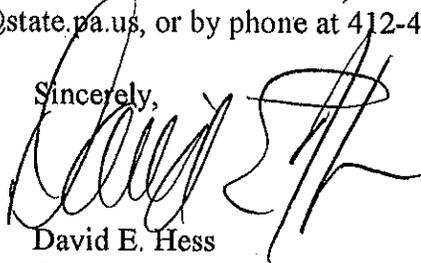
The Department of Environmental Protection (DEP) has been working with the Sewickley Township and Sutersville Borough officials for several years attempting to resolve the public health problems caused by the discharge of untreated and partially treated sewage in the township and borough. The township and the borough officials have developed plans that provide for the construction of two separate collection and treatment facilities to deal with the area wide sewage/health problems. Primary financing for the Sewickley Township project is to be provided by the Rural Utility Service (RUS) with the primary financing for the Sewickley/Sutersville Project to be provided by PENNVEST. Both funding entities preliminarily agreed that they could provide financing for the two separate projects. Also, both funding agencies also agreed that both projects should proceed as expeditiously as possible due to the uncertain availability of future funding for projects of this scope and magnitude. As you are aware, Sewickley Township now desires to construct a joint project with one sewage treatment plant. While DEP has always promoted the construction and operation of regional facilities, this "one system" option is not an effective use of the RUS funds available to provide sewerage facilities for the area. Cost estimates provided by one of the project consultants show that a regional/single sewage system option will cost the RUS customers over \$1,200 more per home than the two plant option. This cost will not allow RUS to participate in the funding of the "one system" option. Therefore, DEP is requiring that the "two system" option proceed.

Again, DEP traditionally promotes the regional/"one system" concept; however, we believe it is not in the best interest of the citizens in the area to wait and see if additional funding can be secured. There are financing schemes and plans in place that would allow the public health hazards to be abated in an expeditious, cost effective manner.

Please note that if a definitive, alternative funding source becomes available in the very near future we would certainly allow the plan to be altered to allow for the construction of "one system".

Thank you for your interest in this matter. I hope this information is helpful. If you have any questions, please contact me at the above phone number or e-mail address, or Charles Duritsa, Director of our Southwest Regional Office, at cduritsa@state.pa.us, or by phone at 412-442-4192.

Sincerely,



David E. Hess
Secretary

cc: Barbara McMillen, Rural Utility Service
Representative Ted Harhai
Sewickley Township
Sutersville Borough

SOUTHWEST REGION OBLIGATION ROUTE SLIP
KEYFILE DOCUMENT

- COMMITTEES:
 ARMED SERVICES
 RANKING MEMBER
 SUBCOMMITTEE ON AIRLAND FORCES
 BANKING, HOUSING, AND URBAN AFFAIRS
 RULES AND ADMINISTRATION
 SELECT COMMITTEE ON AGING
 JOINT COMMITTEE ON PRINTING

PGH. LOG # 020730 DUE 8/5/02

PROGRAM LOG # 7336 DUE _____

LOG NAME Santorum

ASSIGNED _____

REGIONAL DIRECTOR ASSIGNMENT

PROGRAM MANAGER ASSIGNMENT

TO: ~~_____~~
Tim Dreier - Wtr Mgmt

TO: _____

INSTRUCTIONS:

INSTRUCTIONS:

- RESPOND DIRECT
 - DRAFT RESPONSE - MY REVIEW - YOUR SIGNATURE
 - DRAFT RESPONSE - MY SIGNATURE
 - DRAFT RESPONSE FOR Secretary
- Hess' Signature
 RD# _____ RS# _____

OTHER _____

DRAFT DATE _____

RETURN THE FOLLOWING BC'S TO
 B.B. FORSYTHE, DIRECTOR'S OFFICE

HRS. SPENT _____ COMPLETED _____

PROGRAM BC'S

~~log~~ log 22350651 - Santorum Wtr Mgmt Reg File
FORS 244
Pghlog 020730

Wtr Mgmt Log # 7336

FROM: CHARLES A. DURITSA

WTR. MGT. - Return this form and approf copies to oblig. clerk for unlogging.

COMMENTS: **WHEN DICTATING THROUGH WORD PROCESSING PLEASE STATE THAT LETTER IS A KEYFILE DOCUMENT AT THE BEGINNING OF YOUR DICTATION. REFER TO DEP CORRESPONDENCE STYLE GUIDE FOR WRITING TIPS.**

Drafts for Duritsa and Harrisburg signatures are to be routed through BB before final typing.

of Supervisors of
 sewage systems and
 y Sutersville Borough.
 n projects into a single
 plant. I have been
 laying of approximately
 iship, the additional cost
 savings associated with

s to attempt to secure
 iations process or a federal
 officials, I am inquiring as
 can provide the necessary
 r sewage system and

ther assistance, please

United States Senate

RJSyjf

- ALLENTOWN
3408 FEDERAL OFFICE BUILDING
504 WEST HAMILTON STREET
ALLENTOWN, PA 18105
(610) 770-0142
- ALTOONA
REGENCY SQUARE
SUITE 202
ROUTE 220 NORTH
ALTOONA, PA 16601
(814) 946-7023
- COUDERSPORT
ROAD 1, BOX 152
COUDERSPORT, PA 16915
(814) 274-9773
- ERIE
1705 WEST 26TH STREET
ERI, PA 16508
(814) 454-7114
- HARRISBURG
555 WALNUT STREET
FIRST FLOOR
HARRISBURG, PA 17101
(717) 231-7540
- PHILADELPHIA
WILSONA BUILDING
ONE SOUTH PENN SQUARE
SUITE 960
PHILADELPHIA, PA 19107
(215) 864-6900
- PITTSBURGH
100 WEST STATION SQUARE DEPT.
LANDMARKS BUILDING
SUITE 250
PITTSBURGH, PA 15219
(412) 562-0533
- SCRANTON
527 LIBBY STREET
SCRANTON, PA 18506
(570) 344-8799

COMMITTEES:
ARMED SERVICES
RANKING MEMBER
SUBCOMMITTEE ON AIRLAND FORCES
BANKING, HOUSING, AND URBAN AFFAIRS
RULES AND ADMINISTRATION
SELECT COMMITTEE ON AGING
JOINT COMMITTEE ON PRINTING

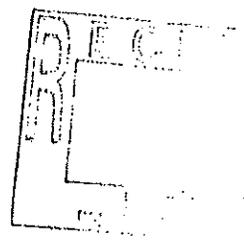
RICK SANTORUM
PENNSYLVANIA
REPUBLICAN CONFERENCE
CHAIRMAN
WASHINGTON, DC
120 RUSSELL SENATE OFFICE BUILDING
WASHINGTON, DC 20510
(202) 224-6324

United States Senate

<http://santorum.senate.gov>

SENT TO SWR ON
07/30/02.

July 16, 2002



The Honorable David E. Hess
Secretary
Pennsylvania Department of Environmental Protection
400 Market Street
Harrisburg, Pennsylvania 17101-2301

Dear Secretary Hess,

Recently, a member of my staff met with representatives of the Board of Supervisors of Sewickley Township to discuss current plans to construct two separate sewage systems and treatment plants to service sections of Sewickley Township and nearby Sutersville Borough. The Supervisors have expressed a desire to combine these construction projects into a single sewage system and treatment plant thereby eliminating one treatment plant. I have been informed that the Supervisors' plan can be accomplished through the laying of approximately 5,000 feet of sewer line. According to officials with Sewickley Township, the additional cost associated with the placement of 5,000 feet will be offset by the future savings associated with less administrative costs.

My staff and I are working with the Sewickley Townships Supervisors to attempt to secure federal funding for this project through the annual fiscal year appropriations process or a federal grant award. In accordance with a request from Sewickley Township officials, I am inquiring as to whether the Pennsylvania Department of Environmental Protection can provide the necessary assistance to Sewickley Township in their attempts to implement their sewage system and treatment plan.

Thank you for your consideration in this matter. If I can be of any further assistance, please contact Jay French at (412) 562-0533.

Sincerely,

Rick Santorum
United States Senate

RJS/vf

- ALLENTOWN
3408 FEDERAL OFFICE BUILDING
504 WEST HAMILTON STREET
ALLENTOWN, PA 18105
(610) 770-0142
- ALTOONA
REGENCY SQUARE
SUITE 202
ROUTE 220 NORTH
ALTOONA, PA 16601
(814) 946-7023
- COUDERSPORT
ROAD 1, BOX 152
COUDERSPORT, PA 16915
(814) 274-9773
- ERIE
1705 WEST 26TH STREET
ERIE, PA 16508
(814) 454-7114
- HARRISBURG
555 WALNUT STREET
FIRST FLOOR
HARRISBURG, PA 17101
(717) 231-7540
- PHILADELPHIA
WELLS FARGO BUILDING
ONE SOUTH PENN SQUARE
SUITE 960
PHILADELPHIA, PA 19107
(215) 864-6900
- PITTSBURGH
100 WEST STATION SQUARE DRIVE
LANDMARKS BUILDING
SUITE 250
PITTSBURGH, PA 15219
(412) 562-0533
- SCRANTON
527 LIBBY STREET
SCRANTON, PA 18506
(570) 344-8799



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745

October 1, 2002

Southwest Regional Office

412-442-4000

Fax 412-442-4328

Mr. John P. Merlino
President and Manager
Sutersville Borough
320 Municipal Avenue
Sutersville, PA 15083

Re: Act 537 Planning
Borough of Sutersville/Sewickley Township
DEP Code No. 65958-02-001
Sutersville Borough/Sewickley Township
Westmoreland County

Dear Mr. Merlino:

We have reviewed the Sutersville Borough/Sewickley Township Act 537 Plan, prepared by Gannett Fleming, Inc. The proposal is located in the Borough of Sutersville and Sewickley Township and consists of construction of a new sewage treatment plant (STP) located near the Village of Scott Haven, Sewickley Township. This STP will provide treatment for Sutersville Borough and the Villages of Lowber, Gratztown and areas adjacent to Sutersville Borough in Sewickley Township. The submission is consistent with the planning requirements given in Chapter 71, of the rules and regulations of the Department. The plan provides for a new sewage treatment facility sized to treat 190,000 gallons per day of flow.

The approved project will require an NPDES permit for the proposed effluent discharge. The permit application must be submitted in the name of the municipality or authority, as appropriate.

The approved project will require a Water Management Part II Permit for the construction and operation of the proposed sewerage collection and conveyance lines in the proposed Scott Haven sewage treatment plant. The permit application must be submitted in the name of the municipality or authority, as appropriate. Issuance of a Part II Permit will be based upon a technical evaluation of the permit application and supporting documentation. Starting construction prior to obtaining a Part II Permit is a violation of The Clean Streams Law.



Mr. John P. Merlino

-2-

October 1, 2002

Other Departmental permits may be required for construction if encroachment to streams or wetlands will result. Information regarding the requirements for such permits or approvals can be obtained from the Department's Soils and Waterways Section at the telephone 724-442-4000.

It is now Sutersville Borough, Sewickley Township and the Sutersville/Sewickley Municipal Sewage Authority's responsibility to implement the 537 Plan in accordance with the schedules contained within the Plan.

Since the Department has approved your Plan, you are now eligible to receive a 50 percent planning cost reimbursement as provided under Section 6 of the Sewage Facilities Act (Act 537). A copy of the reimbursement application is enclosed. You are reminded that reimbursement applications must show detailed cost breakdowns of tasks completed or you will place your reimbursement in jeopardy.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

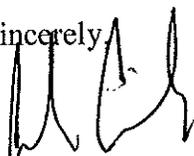
Mr. John P. Merlino

-3-

October 1, 2002

If you have any questions, please call Judy Self of my staff at 724-925-5422.

Sincerely,



Jack Crislip
Sewage Planning Specialist Supervisor
Water Management

Enclosures

cc: Gannett Fleming, Inc.
Sutersville-Sewickley Municipal Sewage Authority
Westmoreland County Department of Planning and Development
Rural Utility Service
PENNVEST
Senator Rick Santorum
Representative R. Ted Harhai



Pennsylvania Department of Environmental Protection

400 Waterfront Drive
Pittsburgh, PA 15222-4745
October 1, 2002

Southwest Regional Office

412-442-4000
Fax 412-442-4328

Ms. Lois E. Brandstetter, Secretary
Sewickley Township Supervisors
PO Box 28
Herminie, PA. 15637

Re: Act 537 Planning
Borough of Sutersville/Sewickley Township
DEP Code No. 65958-02-001
Sutersville Borough/Sewickley Township
Westmoreland County

Dear Ms. Brandstetter:

We have reviewed the Sutersville Borough/Sewickley Township Act 537 Plan, prepared by Gannett Fleming, Inc. The proposal is located in the Borough of Sutersville and Sewickley Township and consists of construction of a new sewage treatment plant (STP) located near the Village of Scott Haven, Sewickley Township. This STP will provide treatment for Sutersville Borough and the Villages of Lowber, Gratztown and areas adjacent to Sutersville Borough in Sewickley Township. The submission is consistent with the planning requirements given in Chapter 71, of the rules and regulations of the Department. The plan provides for a new sewage treatment facility sized to treat 190,000 gallons per day of flow.

The approved project will require an NPDES permit for the proposed effluent discharge. The permit application must be submitted in the name of the municipality or authority, as appropriate.

The approved project will require a Water Management Part II Permit for the construction and operation of the proposed sewerage collection and conveyance lines in the proposed Scott Haven sewage treatment plant. The permit application must be submitted in the name of the municipality or authority, as appropriate. Issuance of a Part II Permit will be based upon a technical evaluation of the permit application and supporting documentation. Starting construction prior to obtaining a Part II Permit is a violation of The Clean Streams Law.



Ms. Lois E. Brandstetter, Secretary

-2-

October 1, 2002

Other Departmental permits may be required for construction if encroachment to streams or wetlands will result. Information regarding the requirements for such permits or approvals can be obtained from the Department's Soils and Waterways Section at the telephone 724-442-4000.

It is now Sutersville Borough, Sewickley Township and the Sutersville/Sewickley Municipal Sewage Authority's responsibility to implement the 537 Plan in accordance with the schedules contained within the Plan.

Since the Department has approved your Plan, you are now eligible to receive a 50 percent planning cost reimbursement as provided under Section 6 of the Sewage Facilities Act (Act 537). A copy of the reimbursement application is enclosed. You are reminded that reimbursement applications must show detailed cost breakdowns of tasks completed or you will place your reimbursement in jeopardy.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717-787-3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800-654-5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717-787-3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717-787-3483) FOR MORE INFORMATION.

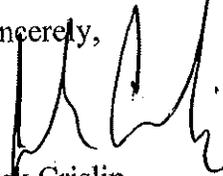
Ms. Lois E. Brandstetter, Secretary

-3-

October 1, 2002

If you have any questions, please call Judy Self of my staff at 724-925-5422.

Sincerely,



Jack Crislip
Sewage Planning Specialist Supervisor
Water Management

Enclosures

cc: Gannett Fleming, Inc.
Sutersville-Sewickley Municipal Sewage Authority
Westmoreland County Department of Planning and Development
Rural Utility Service
PENNVEST
Senator Rick Santorum
Representative R. Ted Harhai

THIS AGREEMENT

This Agreement made this _____ day of _____, 2010,
by and between the **MUNICIPAL AUTHORITY OF WESTMORELAND COUNTY**, a body corporate and politic, organized pursuant to the Pennsylvania Municipality Authorities Act of 1945, as amended, having its principal office at 124 Park and Pool Road, New Stanton, PA 15672, hereafter called “Party of the First Part”

AND

The _____, a body corporate and politic, organized by Act of General Assembly (P.L. 47) on the _____, hereafter called “Party of the Second Part”.

WITNESSETH:

WHEREAS, Party of the First Part supplies water to customers and premises in various municipalities within various counties including the _____; and

WHEREAS, Party of the Second Part provides wastewater collection and/or treatment services to various customers in the _____; and

WHEREAS, the Party of the Second Part is authorized to designate the Party of the First Part to act as its billing and collecting agent for the rentals, rates and charges imposed by the Party of the Second Part for the use of its wastewater system and/or treatment works; and

WHEREAS, the Party of the Second Part is authorized to designate the Party of the First Part as its billing and collecting agent and Party of the First Part is willing to act as such upon the following terms and conditions:

NOW WITNESSETH THAT:

In consideration of the mutual covenants herein set forth, the parties hereto agree as follows:

1. The recitals as set forth above are incorporated herein by reference thereto.
2. Party of the Second Part does hereby name, appoint and designate the Party of the First Part to act as its billing and payment collection agent for the rentals, rates and charges imposed by the Party of the Second Part on owners and occupants of premises serviced by the Party of the Second Part's wastewater system and/or wastewater treatment works.
3. Billing and receipt of payment shall be made by the Party of the First Part as follows:
 - a. Party of the First Part will render bills quarterly as shall be designated by the Party of the Second Part;
 - b. Party of the First Part will bill flat-rate wastewater customers based upon data provided by Party of the Second Part.
 - c. Party of the First Part will bill late payment charges for wastewater bills due to partial or late payments as per tariff provided by Party of the Second Part.
 - d. Party of the First Part will supply specified reports of activity to the Party of the Second Part on a monthly basis.
 - e. Party of the First Part will collect payments from wastewater customers in the same manner it collects payments for its own water service customers.
 - f. Party of the First Part will segregate the funds collected; prepare reconciling reports; prepare updates on accounts receivable reports; and forward funds by wire transfer to the Party of the Second Part's bank on the first day of the month. If

either of these days falls on a weekend or holiday, the transfer will be made on the first business day after such date.

g. In the event that any payment by a customer represents payment toward both a water service bill and a wastewater bill, the payment received shall be first applied to the water bill and then to the wastewater bill unless otherwise directed by the customer, or unless negotiated within the service contract.

h. Party of the First Part will not pursue nonpayment of wastewater bills for the Party of the Second Part unless specifically requested, but shall refer same to Party of the Second Part's solicitor for liening.

i. Party of the First Part will answer inquiries related to payments received for wastewater charges. However, questions from customers regarding the Party of the Second Part's charges for service and/or quality of service will be directed to the Party of the Second Part.

j. Any increase in postage charges, as instituted by the United States Postal Service, will require the fees charged for billing services to be increased by equal amount.

k. The charges for services rendered by Party of the First Part on behalf of the Party of the Second Part shall be as stated in Exhibit "A" attached hereto.

4. Upon commencement of this Agreement, the Party of the Second Part shall provide the Party of the First Part with a listing of all customers to be billed by Party of the First Part. This listing shall include but not necessarily be limited to the name and address to be billed, the outstanding balance owed by the customer, if any, and information as to any special rates applicable to a customer.

5. The Party of the Second Part shall be responsible for notifying the Party of the First Part, in a timely fashion, of any change in customer identity or location,

newly connected customers, rate changes or special assessments or additional charges, costs and penalties.

6. The Party of the First Part will collect all wastewater deposits and maintain the same in a different account. All deposits will be applied to the final bill.

7. The Party of the Second Part will be responsible for any lien letters for the Borough of Mount Pleasant.

8. The Party of the First Part shall not be responsible for the actual collection of any past due or delinquent account of the Party of the Second Part. Nothing herein shall, however, amend any existing water shutoff agreement or preclude the parties from entering into a water shut off agreement for delinquent sewage accounts pursuant to 53 P.S. §2261.

9. The charges for services, as stated in Exhibit "A" of this Agreement, are subject to change on an annual basis. Accordingly, the charges for services, as stated in Exhibit "A" of this Agreement, shall first terminate at 12:00 AM, January 1, 2010. Party of the First Party shall give Party of the Second Part written notice of any changes to the service charges at least ninety (90) days prior to the termination date. Should Party of First Part give Party of Second Part notice of service charges changes as stated herein, Party of the Second Party may choose to terminate this contract. However, should Party of the Second Part choose to terminate the contract, Party of the Second Part shall notify Party of the First, in writing, of its election to terminate the contract no later than thirty (30) days prior to the termination date. Should Party of the Second Part fail to give Party of the First Part notice of its election to terminate the said contract at least thirty (30) days prior to the termination date, the contract will renew for a period of twelve (12) months. (ie. January 1 of the following year).

10. This Agreement is made and executed pursuant to a resolution of the board of Directors of the Party of the First Part adopted on the _____ day of _____ 2010, a quorum being present and a majority voting in favor thereof authorizing and directing the same to be done.

11. This Agreement is made under and executed pursuant to a resolution of the Board of Directors of the Party of the Second Part adopted on the _____ day of _____, 2010, a quorum being present and a majority voting in favor thereof authorizing and directing the same to be done.

**MUNICIPAL AUTHORITY OF
WESTMORELAND COUNTY**

BY: _____
Chairman

ATTEST:

Secretary

BY: _____
Chairman

ATTEST:

Secretary

5-YR CAPITAL PLAN

This section presents the estimated costs of capital improvements for the 5-year period following the closing of the acquisition. Capital improvements would include individual projects identified as Investment Project (IP) type, and general projects that will be funded under the Recurring Project (RP) budget lines.

The Authority does not currently have an established 5-Year Capital Improvement Plan. Therefore, PAWC developed this plan using observations from the site visits, interviews with the Authority and D&B staff, and funding based on comparable size systems.

There are no projects that rise to the IP level of expenditure. RP projects include the following specific projects as well as routine replacements/rehabilitations as they are needed:

- Proactive (0.5%/year) main, manhole and service line rehab/lining/replacement program beginning year 5.
- Replace Mission Communications systems with new PLC panels tied into the McKeesport SCADA system.
- Install security cameras.
- Replace failed VFD at Lowber Pump Station.
- Replace failed bubbler level sensors with new ultrasonic units>
- Replace non-clog submersible pumps with new grinder pumps.
- Replace current wet well ladders with safer OSHA-compliant units.
- Purchase spare flow meter for use as emergency replacement.
- GIS asset inventory.

Summary tables of the 5-year IP and RP budget estimates are shown on the following page. The total estimate is \$769,500.

Investment Project (IP) Budget Estimate

	2025	2026	2027	2028	2029	
IP Level CAPEX	Year 1	Year 2	Year 3	Year 4	Year 5	Total
<i>Collection system only</i>						
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Yearly IP CAPEX	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Recurring Project (RP) Budget Estimate

	2025	2026	2027	2028	2029	
RP Level CAPEX	Year 1	Year 2	Year 3	Year 4	Year 5	Total
A - Mains - New	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B - Mains - Replaced / Restored	\$ -	\$ -		\$ -	\$ 124,000	\$ 124,000
C - Mains - Unscheduled	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
D - Mains - Relocated	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
E - Hydrants, Valves, and Manholes - New	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
F - Hydrants, Valves, and Manholes - Replaced	\$ -	\$ -		\$ -	\$ 15,000	\$ 15,000
G - Services and Laterals - New	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
H - Services and Laterals - Replaced	\$ -	\$ -			\$ 50,000	\$ 50,000
I - Meters - New	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
J - Meters - Replaced	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
K - ITS Equipment and Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
L - SCADA Equipment and Systems	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ -	\$ 300,000
M - Security Equipment and Systems	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ 15,000
N - Offices and Operations Centers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
O - Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
P - Tools and Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Q - Process Plant Facilities and Equipment	\$ 28,000	\$ 47,500	\$ 47,500	\$ 47,500	\$ -	\$ 170,500
R - Capitalized Tank Rehab & Painting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
S - Engineering Studies	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
Total Yearly RP CAPEX	\$ 98,000	\$ 157,500	\$ 157,500	\$ 157,500	\$ 199,000	\$ 769,500

SUTERSVILLE – SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Meeting Minutes for September 9, 2024 at 6:00 pm

I. CALL MEETING TO ORDER

Time: 6:00 P.M.

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL:

Bruce Riley	Present
James Ferree	Present
Tom Couch	Present
Scott Demers	Present
Norma Wunder	Present
Joe Federoff	Present
Richard Schimizzi	Present

IV. THERE WERE NOT ANY ADDITIONS OR CHANGES TO THE AGENDA:

V. PUBLIC PARTICIPATION: 12 people signed in for attendance. David Diebel spoke with rate increase concerns, and deduct meter, board responded.

I. CORRESPONDENCE :

- A. MAWC 30 Day Delinquents Account 8/2/2024 - \$91,650.34
- B. MAWC Billing Register for 8/1/2024 through 8/31/2024 - \$40,184.00
- C. MAWC Monthly Revenue Report for July 2024 \$38,191.89
- D. Two letters from Westmoreland County Real Estate Tax Office RE: Real Estate Tax Lien Certificates for 5 parcels.
- E. Letter from Center for RURAL Pennsylvania Penn State – Survey Research of PA Wastewater Treatment Solids Beneficial Use / Disposal Survey. Does SSMSA was to participate in this?

E-mails / Letters:

- A. 4 emails from Mission Communications of the weekly reports.

II. MINUTES:

- A. Tom Couch made a motion to approve August 5, 2024 meeting minutes, second was made by Joe Federoff, all voting yes except Scott Demers abstained from missing at the previous meeting.

III. TREASURER'S REPORT:

- A. Bruce Riley made a motion to approve Treasure's Report for July 2024, second was made by Norma Wunder, all voting yes.
- B. Bruce Riley made a motion to approve payment of the bills listed for September 9, 2024, second was made by James Ferree, all voting yes.

SUTERSVILLE – SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Meeting Minutes for September 9, 2024 at 6:00 pm

- IV. There is no Engineer's Report.
- V. Solicitor's Report.
1. Rich Schimizzi notified Gibson-Thomas that we switched engineering firms.
 2. Rich will be reviewing the property tax letter from Westmoreland County and exonerations.
- VI. Board Members Report:
1. Joe Federoff contact LSSE concerning possible grant money for computer security upgrades.

VII. OLD BUSINESS:

- A. Status of discussions with Elizabeth Township Commissioners.
1. SSMSA and PAWC are still in regular discussions.

B. Continue Review of the Draft Asset Purchase Agreement.

1. Draft at this point looks good and is moving forward.

NEW BUSINESS:

- A. Discuss raising the treatment rate from \$9.00 per 1,000 gallons to \$16.68 per 1,000 gallons.

1. Bruce Riley made a motion that SSMSA board raise the treatment charge from \$9.00 per 1,000 gallons to \$16.68 per 1,000 gallons, second was made by Tom Couch, 4 voting yes (Bruce Riley, Tom Couch, Scott Demers, and James Ferree; with 2 voting no (Norma Wunder and Joe Federoff). Motion passed.

2. Bruce Riley made a motion to that SSMSA board raise the treatment charge for non-metered customers from \$92.00 per month to \$112.00 per month, second made by Joe Federoff, with 5 voting yes (Bruce Riley, Tom Couch, James Ferree, Scott Demers, and Joe Federoff), and 1 voting no (Norma Wunder). Motion passed.

- B. Procedure for Well Water customer accounts for non-payments. SSMSA currently has one account past due with a balance of \$610.00. The last account past due for a well customer is 2012. How does SSMSA want to handle these customers?

1. The only option is to lien the property.

C. Bruce Riley made a motion to ratify the repairs to the ramp and landing leading into the office, second was made by James Ferree, all voting yes. SSMSA received an estimate from Pollock Construction, Herminie. He said he would replace the entire entry, ramp and landing, with treated lumber for \$1,050.00. He said he would try to complete it before the meeting on the 9th. The current condition dangerous and would like to proceed with an approval so he can start. Bruce Riley, Scott Demers, and Tom Couch all

SUTERSVILLE – SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Meeting Minutes for September 9, 2024 at 6:00 pm

responded via email to the approval of moving forward with the repairs due to the emergent nature.

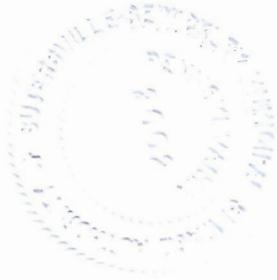
D. 2023 Annual Audit of SSMSA performed by Horner, Wible, and Terek, PCP has been completed.

1. Tom Couch reviewed the audit and communicated with H, W, & T. there were several corrections that need to be made. H, W, & T. will be making the corrections and sending SSMSA a corrected audit.

ADJOURNMENT

James Ferree made a motion to adjourn, seconded by Bruce Riley, all voting yes.

Time: 6:48 P.M.



Bruce Riley
Chairman, SSMSA 5 Dec 24

Sam De
Secretary, SSMSA 12/6/24

RESOLUTION NO. 2 OF 2007

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY

A RESOLUTION ESTABLISHING THE AMOUNT OF THE TAPPING FEE TO BE CHARGED BY THE AUTHORITY FOR CONNECTION TO THE PUBLIC SANITARY SEWER SYSTEM IN ACCORDANCE WITH ACT 57 OF 2003

The Sutersville-Sewickley Municipal Sewage Authority (hereinafter "Authority") does hereby adopt this Resolution establishing the amount of the Tapping Fee to be charged by the Authority for connection to the Public Sanitary Sewer System in accordance with Act 57 of 2003.

WHEREAS, the Authority is completing construction of a Public Sanitary Sewer System which will provide for the collection and conveyance of sanitary sewage from certain properties located within the Authority's service area for treatment at a treatment plant owned and operated by the Elizabeth Township Sanitary Authority; and,

WHEREAS, the Authority intends to charge a Tapping Fee to property owners who desire to or are required to connect to the Authority's Public Sanitary Sewer System in accordance with the provisions of Act 57 of 2003; and,

WHEREAS, the Authority heretofore authorized and directed its Engineer, Gannett Fleming, to calculate the maximum amount of the Tapping Fee the Authority can charge in accordance with Act 57 of 2003; and,

WHEREAS, the Engineer completed a calculation of the maximum amount of the Tapping Fee the Authority can charge for connection to the Public Sanitary Sewer System in accordance with Act 57 of 2003; and,

WHEREAS, the Authority received the Tapping Fee calculations prepared by its Engineer at its regular public meeting held on July 10, 2006; and,

WHEREAS, the Authority desires to establish the amount of the Tapping Fee to be charged for connection to the Public Sanitary Sewer System in accordance with Act 57 of 2003;

NOW THEREFORE, BE IT RESOLVED AND IT IS HEREBY RESOLVED AS FOLLOWS:

**Section 1
Tapping Fee**

1.1. From and after the adoption of this Resolution, the Authority shall charge a Tapping Fee in the amount of \$1,445.00 to be paid to the Authority by property owners desiring or required to connect to the Authority's Public Sanitary Sewer System. This amount is for the collection component of the Tapping Fee as determined by the Authority's Engineer and as set forth in the Preliminary Act 57 Tap-In Fee Computation dated July, 2006, a copy of which is attached to this Resolution.

**Section 2
Exemption From Tapping Fee**

2.1. A property owner may be exempt from the payment of the Tapping Fee provided all of the following conditions have been satisfied:

- A. The structure being connected to the Public Sanitary Sewer System was in existence as of September 11, 2006;
- B. The structure is located within the Authority's service area;
- C. The property owner applies for and obtains a Connection Permit prior to the structure being connected to the Public Sanitary Sewer System; and,
- D. For structures being connected to that portion of the Public Sanitary Sewer System constructed by Kukurin Contracting under Contract 3, the connection is made on or before January 9, 2008, and for structures being connected to that portion of the Public Sanitary Sewer System constructed by Borbonus Construction Corporation under Contract 4, the connection is made on or before 180 days of the date the Authority's Engineer certifies to the Authority

that construction of that portion of the Public Sanitary Sewer System is substantially complete.

Section 3
Elizabeth Township Sanitary Authority Connection Fee

3.1. The Tapping Fee shall be in addition to the Connection Fee charged by the Elizabeth Township Sanitary Authority pursuant to Article 7 of the Intermunicipal Authorities Sewage Service Agreement For The Sutersville-Sewickley Municipal Sewage Authority Service Area entered into between the Authority and Elizabeth Township Sanitary Authority and dated September 11, 2006. The amount of said connection fee is currently \$4,500.00, which amount may be increased once every five years. The Connection Fee and Tapping Fee shall be paid by the property owner to the Authority at the time the Connection Permit Application is submitted. Upon approval of the Connection Permit Application and issuance of a Connection Permit, the Authority shall promptly forward payment of the Connection Fee to the Elizabeth Township Sanitary Authority.

Section 4
Increase In Tapping Fee

4.1. No increase in the amount of the Tapping Fee shall be approved without the Authority first authorizing its Engineer to recalculate the maximum amount the Authority is then permitted to charge under applicable law. In no event shall the amount of the Tapping Fee exceed the maximum amount the Authority is then permitted to charge as determined by the Engineer in accordance with applicable law. Approval of any increase in the amount of the Tapping Fee shall be by Resolution which shall have attached thereto a copy of the Engineer's recalculation of the maximum amount the Authority is permitted to charge under applicable law.

Section 5
Effective Date

5.1. This Resolution shall take effect on the date of its adoption.

**Section 6
Repeal**

6.1. All resolutions or parts of resolutions which are contrary to or conflict with the provisions of this Resolution are hereby repealed to the extent necessary to give this Resolution full force and effect.

**Section 7
Public Meeting**

7.1. It is acknowledged that this Resolution is being duly adopted by the Authority at a public meeting held on the 6th day of August, 2007.

**Section 8
Severability**

8.1. If any provision, sentence, clause, section or other part of this Resolution is found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or other parts of this Resolution.

Duly adopted this 6th day of August, 2007.

SUTERSVILLE-SEWICKLEY
MUNICIPAL SEWAGE AUTHORITY:

By:



Lisa Szczerba, Vice Chairman

Attest:



J. William Ringbloom, Secretary

(Authority Seal)



SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
PRILIMINARY ACT 57 TAP-IN FEE COMPUTATION
RATIONALE/FACTS
JULY 2006

A. CONNECTION FEE

The average cost of the connection from the Authority's line to the property line or curb based upon recent construction prices for this work.

Since the Authority constructs the sanitary sewer facilities for this connection this fee is not charged by the Authority.

B. CUSTOMER FACILITIES FEE

The average cost of connection from the property line or curb to the structure based upon recent construction prices for this work.

Since the property owner or builder constructs the sanitary sewer facilities for this connection this fee is not charged by the Authority.

C. TAPPING FEES

1. Capacity Component

- | | | |
|----|----------------------------|--------------------|
| a. | Wastewater Treatment Plant | As charged by ETSA |
| b. | Interceptor Sewers | As charged by ETSA |

2. Collection Component

- | | |
|----|--|
| a. | Design Capacity – 0.790 MGD |
| b. | Project Cost (2006) – 8,371,757.00 |
| c. | Less Pennvest Grant - \$2,746,452.00 |
| d. | Less CDBG Grant - \$500,000.00 |
| e. | Collector Cost (2006) - \$5,125,305.00 |

Collection Sewer Subsystems Component	
(\$5,125,305.00 / 790,000 GPD) =	\$6.48 / GPD

- | | | |
|----|---------------------------|----|
| 3. | Special Purpose Component | NA |
| 4. | Reimbursable Component | NA |

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
PRILIMINARY ACT 57 TAP-IN FEE COMPUTATION
July 2006

DETERMINATION OF AVERAGE DAILY FLOW PER EDU

The Sutersville-Sewickley Municipal Sewage Authority serves customers in both Sutersville Borough and Sewickley Township. Therefore, the population density for the Commonwealth of Pennsylvania from the 2000 Census (2.48 people/household) will be used, along with the average sewage flow per person of 90 GPD, in accordance with Act 57, for an average daily flow of 223 GPD/EDU.

TAP FEE SUMMARY

Capacity Component	As charged by ETSA
Collection Component	$\$6.48 \times 223 \text{ GPD/EDU} = \$1,445.05 \text{ per EDU}$

Maximum Tapping Fee = \$1,445.05 per EDU plus the ETSA Tap Fee Capacity Component.



LSSE: (412) 264-4400
Fike: (814) 226-7880
LSI: (724) 287-6865
Rabell: (814) 756-4384
Senate: (412) 826-5454
www.lsse.com

Fike ● LSI ● LSSE ● Rabell ● Senate

February 24, 2025

S. O. No. 731-001

VIA EMAIL AND U. S. MAIL
(mbrletic@klhengineers.com)

Ms. Marisa N. Brletic
KLH Engineers, Inc.
5173 Campbells Run Road
Pittsburgh, Pennsylvania 15205

Subject: 2024 Chapter 94 Information
Sutersville Sewickley Municipal Sewage Authority

Dear Ms. Brletic:

In response to your request, please find transmitted herewith the 2024 Chapter 94 report form, with the operating data for the Sutersville Sewickley Municipal Sewage Authority sewage collection system tributary to Elizabeth Township Sanitary Authority.

Should you have any questions, please contact Kevin C. Rowland directly (Ext. 116).

Sincerely,

A handwritten signature in blue ink that reads "Kevin A. Brett".

Kevin A. Brett, P.E.

A handwritten signature in blue ink that reads "Dalton G. Mack".

Dalton G. Mack, P.E.

KAB/DGM:nwg

Attachment

cc/att: Thomas Couch, SSMSA (couchtg@gmail.com)
Bruce Riley, SSMSA (b14964@outlook.com)

-
- Coraopolis, PA (Headquarters)
 - Aliquippa, Beaver County, PA
 - Greensburg, Westmoreland County, PA
 - Dublin, Franklin County, OH

- Albion, Erie County, PA
- Butler, Butler County, PA
- Clarion, Clarion County, PA

- Pittsburgh, Allegheny County, PA
- White Oak, Allegheny County, PA
- Kittanning, Armstrong County, PA
- Washington, Washington County, PA

**OPERATING YEAR 2024
MUNICIPAL WASTELOAD MANAGEMENT REPORT**

Instructions: Please provide information as completely as possible. Attach additional pages if necessary.

1. General Information

Name of Municipality: Sutersville Sewickley Municipal Sewage Authority
Address: 826 Curry Road
Sutersville, PA 15083
Telephone: (724) 872-9000

Name of Person Completing Response: Kevin A. Brett, P.E.
Company: LSSE Civil Engineers and Surveyors, Inc.
Address: 846 4th Avenue
Coraopolis, Pennsylvania 15108
Telephone: (412) 264-4400

2. Population, Hydraulics, and Organic Loads

Year	Projected New EDUs	Projected Total EDUs	Estimated Flow (gpd)	Estimated Raw Sewage BOD (lbs/day)
2024 (Actual)	0	496	125,984	288
2025 (Est.)	0	496	125,984	288
2026 (Est.)	0	496	125,984	288
2027 (Est.)	0	496	125,984	288
2028 (Est.)	0	496	125,984	288
2029 (Est.)	0	496	125,984	288

3. Industrial Waste

Are industrial wastes discharged into your sewer system? Yes _____ No

Discuss your municipality's program for surveillance and monitoring of industrial waste discharges into the system.

NA

Describe specific problems in the sewer system known to be caused by industrial waste discharges and Summarize any steps being taken to alleviate or eliminate the problems.

NA

MUNICIPAL WASTELOAD MANAGEMENT REPORT (Continued)

4. System Condition

Describe your sewer system condition.

The SSMSA sewage collection system was constructed/installed in 2005/2006 and is in generally good condition.

Describe sections of sewer where capacity is exceeded or will be exceeded in the next five years.

No sanitary sewer capacity issues are projected.

Describe your program for monitoring flows in the sewers. State if it included periodic flow gauging or smoke and dye testing in sewers suspected of having illegal storm connections.

Flow monitoring occurs at the three (3) existing pumps stations within the sewage system. No periodic flow gauging or smoke and dye testing was performed.

Describe your routine maintenance programs. Indicate if it is on a regular basis or as needed. List the number of employees (full and part-time) and provide a list of equipment available for inspection and maintenance work.

Maintenance is performed routinely on pump stations, and as needed for other aspects of the system. Available equipment is limited to a few spare grinder pumps. The Authority employs one part time secretary. A contracted Operator (D&B Environmental Services) operates the lift station. Flow monitoring occurs at the three (3) existing pumps stations within the sewage

If applicable, briefly describe your program for maintenance and control of diversion chambers and indicate how often they are inspected.

NA

Describe any work being performed to reduce infiltration/inflow or any extraordinary sewer rehabilitation in the past year.

It appears that influent and infiltration is entering the system through laterals and/or private property within the system. The authority is exploring options to enforce lateral I/I reviews.

From: [Nadine Wilson-Gloster](mailto:Nadine.Wilson-Gloster@lsse.com)
To: mbrletic@klhengineers.com
Cc: couchtg@gmail.com; bl4964@outlook.com; [Kevin Brett](#); [Emily Palmer](#); [Dalton Mack](#); [Kevin Rowland](#); [Workflow](#)
Subject: Sutersville Sewickley Municipal Sewage Authority - 2024 Chapter 94 Information (731-001)
Date: Monday, February 24, 2025 9:52:09 AM
Attachments: [73101C01 ETSA Response.pdf](#)
[image001.png](#)

Ms. Brletic:

Attached is LSSE's letter dated February 24, 2025, with the referenced attachment regarding the above subject (sent via email and U.S. mail).

Should you have any questions, please contact Kevin C. Rowland directly (Ext. 116).

This email is coming from LSSE's Administrative/Marketing Unit. As we are an Administrative Unit and not a Technical Unit, please DO NOT RESPOND to SENDER. We are unable to respond to your email. All responses should be addressed to the staff member noted above. The email address is provided in the cc. Thank you for your consideration.

Thank you,

Nadine Wilson-Gloster
Senior Data/Contract Technician



846 Fourth Avenue
Coraopolis, PA 15108
(412) 264-4400, Ext. 267

www.lsse.com

info@lsse.com

THIS TRANSMISSION IS INTENDED ONLY FOR THE USE OF THE ADDRESSEE AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF YOU ARE NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY.



CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT REPORT

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER
MCKEESPORT WASTEWATER POLLUTION CONTROL PLANT
AND COLLECTION SYSTEM

NPDES PERMIT: PA0026913

OPERATING YEAR: 2024





CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

For Calendar Year: 2024

- Permittee is owner and/or operator of a POTW or other sewage treatment facility
 Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee

GENERAL INFORMATION			
Permittee Name:	Pennsylvania American Water Company	Permit No.:	PA0026913
Mailing Address:	852 Wesley Drive	Effective Date:	February 1, 2018
City, State, Zip:	Mechanicsburg, PA 17055	Expiration Date:	January 31, 2023
Contact Person:	Li An	Renewal Due Date:	In Progress
Title:	Senior Project Engineer	Municipality:	City of McKeesport
Phone:	724-743-3131	County:	Allegheny
Email:	Li.An@amwater.com	Consultant Name:	N/A
CHAPTER 94 REPORT COMPONENTS			
<p>1. Attach to this report a line graph depicting the monthly average flows (expressed in MGD) for each month for the past 5 years and projecting the flows for the next 5 years. The graph must also include a line depicting the hydraulic design capacity per the WQM permit. <u>(25 Pa. Code § 94.12(a)(1))</u></p> <p>Check the appropriate boxes:</p> <p><input checked="" type="checkbox"/> Line graph for flows attached (Attachment B)</p> <p><input checked="" type="checkbox"/> DEP Chapter 94 Spreadsheet used (Attachment A)</p> <p><input type="checkbox"/> Section 1 is not applicable (report is for a collection system).</p>			
<p>2. Attach to this report a line graph depicting the monthly average organic loads (express as lbs BOD5/day) for each month for the past 5 years and projecting the organic loads for the next 5 years. The graph must also include a line depicting the organic design capacity of the treatment plant per the WQM permit. <u>(25 Pa. Code § 94.12(a)(2))</u></p> <p>Check the appropriate boxes:</p> <p><input checked="" type="checkbox"/> Line graph for organic loads attached (Attachment C)</p> <p><input checked="" type="checkbox"/> DEP Chapter 94 Spreadsheet used (Attachment A)</p> <p><input type="checkbox"/> Section 2 is not applicable (report is for a collection system).</p>			

3. If the DEP Chapter 94 Spreadsheet was not used to determine projections, discuss the basis for the hydraulic and organic projections. In all cases, include a description of the time needed to expand the plant to meet the load projections, if necessary, and data used to support the projections should be included in an appendix to this report. (25 Pa. Code § 94.12(a)(3))

Not Applicable

4. Attach a map showing all sewer extensions constructed within the past calendar year, sewer extensions approved or exempted in the past year in accordance with Act 537 and Chapter 71, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary planning stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served. (25 Pa. Code § 94.12(a)(4))

Check the appropriate boxes:

- Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects attached (**Attachment**)
- List summarizing each extension or project attached (**Attachment**)
- Schedules describing how each project will be completed over time and effects attached (**Attachment**)

Comments:

Not Applicable

5. Discuss the permittee's program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities, personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and, where applicable, maintenance and control of combined sewer regulators during the past year. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(5))

See Report Narrative.

6. Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, CSOs, SSOs, excessive infiltration and other system problems. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(6))

Check the appropriate boxes:

- System experienced capacity-related bypassing, SSOs or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.
- System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

Comments:

See body of the Report

7. Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Code § 94.12(a)(7))

Check the appropriate boxes:

- The collection system does not contain pump stations
- The collection system does contain pump stations (Number – **9**)
- Discussion of condition of each pump station attached (**Attachment H**)

8. If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the information listed below. (25 Pa. Code § 94.12(a)(8))

- a. A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has not previously been submitted.
- b. A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year.
- c. A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the plant or in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.

Check the appropriate boxes:

- Industrial waste report as described in 8 a., b. and c. attached (**Attachment**)
- Industrial pretreatment report as required in an NPDES permit attached (**Attachment I**)

9. Existing or Projected Overload.

Check the appropriate boxes:

- This report demonstrates an existing hydraulic overload condition.
- This report demonstrates a projected hydraulic overload condition.
- This report demonstrates an existing organic overload condition.
- This report demonstrates a projected organic overload condition.

If one or more boxes above have been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present or projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload). (25 Pa. Code § 94.12(a)(9))

- Corrective Action Plan attached (**Attachment**)

10. Where required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a mass balance of solids coming in and leaving the facility over the previous calendar year.

- Sewage Sludge Management Inventory attached (**Attachment J**)

11. For facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite combined sewer systems).

- Annual CSO Report attached (**Attachment K**)

12. For POTWs, attach a calibration report documenting that flow measuring, indicating and recording equipment has been calibrated annually. (25 Pa. Code § 94.13(b))

- Flow calibration report attached (**Attachment L**)

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Jed A. Fiscus, P.E.



Name of Responsible Official

Signature

814-279-4710

03/28/2025

Telephone No.

Date

PREPARER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared by me or otherwise under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Li An

Li An

Name of Preparer

Signature

724-743-3131

03/28/2025

Telephone No.

Date



CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT REPORT

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER
MCKEESPORT WATER POLLUTION CONTROL PLANT
AND COLLECTION SYSTEM

NPDES PERMIT: PA0026913

OPERATING YEAR: 2024



PERMITEE SIGNATURE: 

Tiffany Reed, Sr. Manager - Operations – Southwest - Pennsylvania-American Water Company

REPORT PREPARER SIGNATURE: 

Li An, Senior Project Engineer - Pennsylvania-American Water Company

Report Summary and Index

The purpose of the Municipal Wasteload Management Report is to provide the Pennsylvania Department of Environmental Protection (PaDEP) with information for a review of the load on the wastewater facilities and to ensure that there is sufficient time to plan, and construct needed additions. This report includes information on all collection systems tributary to the treatment plant. In accordance with Section 94.12, Annual Report, of the PaDEP Rules and Regulations, the report includes the following:

1. **Introduction**
2. **Hydraulic Loading (§94.12(a)1)**
3. **Organic Loading (§94.12(a)2)**
4. **Basis of Loading Projections (§94.12(a)3)**
5. **Projected Overload Conditions (§94.12(a)1) and (§94.12(a)2)**
6. **Collection System Extensions (§94.12(a)4)**
7. **Wastewater Facilities Monitoring, Maintenance, Repair and Rehabilitation (§94.12(a)5)**
8. **Condition of Collection System (§94.12(a)6)**
9. **Condition of Lift Stations (§94.12(a)7)**
10. **Industrial Waste Report (§94.12(a)8)**
11. **Existing or Projected Overload (§94.12(a)9)**
12. **Calibration Report (§94.13(b))**

ATTACHEMENTS

- A. Hydraulic and Organic Loading Table
- B. Hydraulic Loading Graph
- C. Organic Loading Graph
- D. WPCP Process Diagram
- E. Tools and Equipment List
- F. Sanitary Sewer Overflow Events Table
- G. Collection System Summary Table
- H. Condition of Sewage Pumping Station
- I. IPP Report
- J. Sewage Sludge Management Inventory
- K. Annual CSO Report Summary
- L. Calibration Reports for Flow Meters
- M. Tributary Municipality Wasteload Management Reports



1. Introduction

Pennsylvania-American Water (PAW) owns and operates the McKeesport Water Pollution Control Plant (WPCP) and Collection System. The system consists of one (1) 19 MGD Water Pollution Control Plant, one (1) plant pumping station and nine (9) collection system lift stations, and collection and conveyance sewers consisting of approximately **686,400** LF of gravity pipe ranging in diameter from 4-inch to 112-inch, **31,680** LF of force main and pressure sewer ranging in diameter from 8-inch to 36-inch, and approximately **3,236** manholes to service City of McKeesport, and nine (9) tributary municipalities in Allegheny County. Pennsylvania-American McKeesport collection and conveyance system is considered a combined sewer system (CSS). The PAW McKeesport combined sewer system includes thirty (30) combined sewer overflow (CSO) outfalls. The collection and conveyance systems serving the nine (9) tributary municipalities are claimed as separate sanitary sewer (SSS), which are owned and operated by the tributary municipalities. This report documents McKeesport WPCP and the collection system that conveys flows to the WPCP. The McKeesport WPCP is located at 100 Atlantic Avenue, McKeesport, PA 15132.

The McKeesport WPCP is permitted as a combined sewer overflow (CSO) and is permitted to discharge to Monongahela River (NPDES Permit Outfall 001). The NPDES Permit allows for an average monthly flow at the WPCP of 13.0 MGD and an average organic loading of 19,950 pounds (lbs)/biological oxygen demand (BOD)/Day. A rerate study has been approved by PA DEP on July 21, 2021, therefore the hydraulic capacity of the WPCP is now 19 MGD. The WPCP operates under NPDES Permit PA0026913. The NPDES permit was effective on February 1, 2028, and this permit expired on January 31, 2023. The NPDES permit renewal application was submitted on July 26, 2022 and under DEP review. Currently, McKeesport WPCP still operates under the permit expired on January 31, 2023.



The McKeesport WPCP employs two (2) parallel biological treatment processes consisting of preliminary treatment works, which include a mechanically cleaned bar screen and a Pista grit removal system, a conventional activated sludge (CAS) process using four existing aeration tanks parallel with a SBR system using a four-tank SBR activated sludge process, two (2) secondary clarifiers and one chlorine (1) contact tank handling conventional activated sludge effluent, and one (1) UV-disinfection system handling SBR effluent. The effluents discharged from the two (2) parallel biological treatment processes merge prior to plant outfall 001. In wet weather, each of the four (4) SBR aeration tanks can treat up to 9 MGD giving SBR system a total capacity of 36 MGD. Meanwhile, with four (4) aeration tanks online, the CAS system can handle up to 20 MGD or better. Therefore, in wet weather, the WPCP can treat up to 56 MGD of combined sewer flow. Treated effluent from the WPCP is discharged to Monongahela River. Per the WPCP NPDES Permit, Outfall 001 is considered the treated domestic sewage outfall. A diagram of the McKeesport WPCP can be found in **Attachment D**.

On December 18, 2017, PAW acquired all of Municipal Authority of City of McKeesport's Sewage Facilities excluding standalone storm water pipes. Prior to acquiring, PAW entered a CO&A on December 13, 2017. Requirements of the CO&A provided corrective actions that PAW shall complete with respect to the McKeesport system. PAW has completed all the required corrective actions except to submit to the PADEP a PCCM Plan pursuant to McKeesport LTCP and the CSO Control Policy within twelve (12) months of the completion of all obligations contained in paragraph 6, 7, and 8 of the CO&A. PAW continues to submit semi-annually progress reports to the PADEP.

2. **Hydraulic Loading (§94.12(a)1)**

The hydraulic loading graph (**Attachment B**) illustrates the hydraulic loading on the treatment plant plotted from average daily flows for each month from **2020 to**



2024 and the hydraulic loading approved by the National Pollutant Discharge Elimination System (NPDES) permit.

Attachment A provides a list of the average daily flows for each month from **2020 to 2024** with the annual average daily flow and 3-month maximum consecutive average daily flow for each year. Based on the information in **Attachment A**, the average ratio of maximum month to average loading (peaking factor) for Years **2020 to 2024** is **1.32**.

During excessive wet weather, CSO events will occur at portion or all Outfalls. Refer to **Attachment K** for the 2024 CSO Summary Report for the McKeesport Wastewater System for all CSO events during **2024**.

In **2024**, **five SSO events** occurred within the collection system that conveys flows to the McKeesport WPCP. These events were reported as SSO events. Three events are caused by PAW equipment failures. And it was later determined that the other two events were results of Westmoreland Water main breaks. Refer to **Attachment F** for additional information.

3. **Organic Loading (§94.12(a)2)**

The organic loading graph (**Attachment C**) illustrates the organic loading on the plant plotted from average daily loadings for each month from **2020 to 2024** and the organic loading approved by the NPDES permit.

Attachment A provides a list of the average daily organic loadings for each month from **2020 to 2024** and the annual average load and maximum monthly load for each year. Based on the information in **Attachment A**, the average ratio of maximum month to average loading (peaking factor) for Years **2020 to 2024** is **1.49**.



4. Basis of Loading Projections (§94.12(a)3)

In an effort to determine future hydraulic and organic loadings to the plant, a forecast of future population served was determined for Years **2025** to **2029**. The projected EDUs for **2025** to **2029** are based on estimate for City of McKeesport and the reported projections of tributary municipalities. These projections consider the number of connections that were made in previous years, declining population trends for City of McKeesport and the nine (9) tributary municipalities and no future significant growth in population (except White Oak) is anticipated over the time period.

The hydraulic load is based on 100 gal/day/person x 2.1 persons per EDU. The organic load is based on 0.17 lbs/day/person x 2.1 persons per EDU. The 2.1 persons per EDU are based on the average of the population density of persons per household from the 2020 census data for City of McKeesport. The 2.1 persons per EDU does not consider the tributary municipalities.

Attachment A depicts the estimated number of additional EDUs served and respective hydraulic and organic loads anticipated for the next five years. These additional annual hydraulic and organic loadings were added to the five-year annual average daily hydraulic and organic loading in order to approximate the loadings at the PAW McKeesport Water Pollution Control Plant for the next five years (**2025** to **2029**). The projected 3-consecutive maximum monthly flows were calculated utilizing the average ratio over the past five years of the 'Average 3-month maximum flows' to the 'Average Monthly Flows'. That ratio was multiplied by the projected average annual flow to calculate the 3-consecutive maximum monthly flow. The maximum monthly loading was also determined based on the average ratio of maximum month loadings to average loadings, times the projected average loading. The results are also depicted on the graphs in **Attachments B and C**.

5. Projected Overload Conditions

Based on the hydraulic loading data, the plant is not currently nor projected to be hydraulically overloaded in the next five years

Based on the organic loading data, the plant is not currently nor projected to be organically overloaded in the next five years.

6. Collection System Extensions

There were no new customer connections within the McKeesport collection system in **2024**.

No service extensions were completed in **2024**.

7. Wastewater Facilities Monitoring, Maintenance, Repair and Rehabilitation

PAW is responsible for the operation and maintenance of the 19 MGD Water Pollution Control Plant, one (1) plant pump station, nine (9) wastewater lift stations, and collection and conveyance sewers serving City of McKeesport and Port Vue Borough, and also receives the sanitary sewers discharged from East McKeesport Borough, White Oak Borough, North Versailles Township, Elizabeth Township, Versailles Borough, Liberty Borough, Lincoln Borough, and Glassport Borough in Allegheny County. The local McKeesport production staff of PAW consists of a Manager of Operations and five (5) full-time operators. Four (4) out of the five (5) operators work three 8-hour shifts every day. Another operator is dedicated to PAW's Duquesne WWTP and Dravosburg WWTP. The operator works an 8-hour shift from Monday to Friday at both Duquesne WWTP and Dravosburg WWTP.



The NPDES requirements are listed below*:

**These requirements are from our expired permit, as PAW is currently waiting for the approved NPDES Permit*

<u>Parameter</u>	<u>Frequency</u>	<u>Sample Type</u>
Total Flow	Continuous	Recorded
pH	Daily	Grab
Dissolved Oxygen	Daily	Grab
Total Residual Chlorine	Daily	Grab
CBOD (effluent)	Daily	24-hour composite
BOD5 (influent)	Daily	24-hour composite
Total Suspended Solids (inf. and eff.)	Daily	24-hour composite
Fecal Coliform	Daily	Grab
Total Nitrogen	One day per quarter	24-hour composite
Total Phosphorus	One day per quarter	24-hour composite
Ammonia-Nitrogen	One day per week	24-hour composite
Ultraviolet light transmittance	One per shift	Measured

Monthly Discharge Monitoring Reports (DMR) are submitted by PAW as required to the PaDEP. In addition to the influent/effluent sampling, PAW personnel check the plant daily, grease equipment either weekly or monthly, change the oil for equipment yearly, clean the air filters and blowers yearly and perform general housekeeping to keep the facilities clean. The following repairs were completed at the WPCP in **2024**:



- Aeration Tank #5 was cleaned of grit and had channel and tank diffusers and airlines replaced
- Aeration Tank #6 was cleaned of grit, channel diffusers replaced, airline repaired, and RAS line repaired
- Mechanical Flex Rakes upgraded at Plant Headworks, West Shore Pump Station, and Long Run Pump Station
- New Actuators installed on Raw Sewage, RAS, and airlines supplying Aeration Tanks #1, #2, #5, & #6
- UV System program adjusted for efficiency
- Plant Sight Lighting upgraded
- Replaced two (2) Rotary Pumps at Cliff St Pump Station
- Upgraded Plant Pista-grit System at Headworks
- Replaced pump at Ripple Rd Pump Station

The PAW operators, in accordance with the PUC approved Tariff; inspect all new sewer connections to ensure that no sources of storm water have been connected to the sanitary sewer. When necessary, PAW contracts the services of resident inspectors for inspection of sewer extensions proposed by PAW and for developer extensions to ensure the extensions are constructed in accordance with the PUC approved tariff and bidding documents.

Monitoring includes inspection of the wastewater collection and conveyance system to resolve problems as they are identified. CCTVs were performed to identify lines that contribute to infiltration problems.

Preventive maintenance consists of both inside and outside housekeeping. Equipment maintenance includes cleaning, lubrication, routine inspection of all pumps and apparatus and implementation of proper maintenance procedures for all specific plant units. Records are kept of all maintenance, inspection, and repairs. A list of available tools and equipment is attached in **Attachment E**. PAW

has contracts in place with several contractors to provide maintenance services. PAW also has its own internal maintenance services division. If a problem arises that PAW personnel need assistance to address, local contractors are available and under contract to assist with any emergencies. Below is a list of a few of the contractors that are available to PAW:

- ❖ Casper Colosimo & Son, Inc. (General/Emergency Repairs)
- ❖ Redstone Excavating LLC (General/Emergency Repairs)
- ❖ Wayne Crouse Inc. (Mechanical Contracting)
- ❖ Hickman Electric Inc. (Electrical Services)
- ❖ Hapchuk, Inc. (Liquid Sludge Hauling)
- ❖ County Hauling Corporation (Dewatered Sludge Hauling)
- ❖ Drnach Environmental Inc. (CSO Monitoring)
- ❖ Simakas Company, Inc. (HVAC Service & Repair)
- ❖ Environmental Service & Equipment Co. (Gas Feed Equipment Maintenance)
- ❖ Ram Industrial Service Inc. (Pump Repair)
- ❖ Daman Industrial Services (Pump Repair)
- ❖ Kappe Associates Inc. (Mechanical Flex Rake Repair)
- ❖ Cummins Sales & Service Inc. (Generator Repair)
- ❖ Konecranes (Hoist Inspections)

The McKeesport WPCP dewateres all sludge that is produced at the plant and hauled in sludge from both PAW's Duquesne and Dravosburg WWTPs. During the operating year 2024, liquid sludge was hauled by Hapchuk to the McKeesport WPCP (PADEP Permit PA0026913) from both Duquesne WWTP and Dravosburg WWTP. In 2024, 2,638,037 gal liquid sludge that contained 129.063 dry tons of solids was hauled to McKeesport WPCP. Also, 104,500 gal liquid sludge that contained 1.266 dry tons of solids was hauled off-site to the treatment plants of Clairton Municipal authority and Westlake Natrium LLC to seed their facilities.



Approximately **826.5 Metric Tons** of sludge were sent to the landfill in Year **2024** from the McKeesport WPCP. Several tables provided in **Attachment J** displayed detailed information of hauled in sludge and hauled off-site sludge during operation year 2024.

Per the requirements of the NPDES permit, PAW is to submit a “Sewage Sludge Management Inventory” that summarizes the amount of sewage sludge and/or biosolids produced and disposed during **2024** for the McKeesport WPCP. Please see **Attachment J** for the Sewage Sludge Management Inventory.

8. Condition of Sewer System

The general condition of the interceptors, conveyance, and collection sewer lines owned and maintained by PAW is fair to good, with the newer sections being in better condition. As described in the previous section, sewers are under constant inspection and maintenance. Many sewers were built before the advent of present-day construction materials and techniques. A Collection System Summary Table is included in **Attachment G** and includes details of service, sewer system evaluation, routine maintenance, and rehabilitation statistics for the collection system through **2024**.

The conditions of the sewer system of the nine (9) tributary municipalities are presented in **Attachment M**.

9. Condition of Wastewater Lift Stations

PAW operated and maintained nine (9) lift stations in the collection system in **2024**. Each lift station has a pressurized force main that connects to the gravity system at various locations. Refer to **Attachment H** for detailed condition update for the lift stations in McKeesport.



10. Industrial Waste Report

PAW's PUC approved tariff provides for the regulation of sanitary sewer waste which includes a provision on industrial waste discharge to PAW's system.

A service application is required for connection to PAW's system. PAW reviews the applications for potential industrial users. No industrial users were connected to the system in Year **2024**. Refer to **Attachment I** IPP Report for additional information.

11. Calibration Reports

The calibration documentation for the WPCP influent flow measuring devices at the plant pump station and West Shore Pump Station is in **Attachment L**. The influent meters were last calibrated on **July 23, 2024**. The influent flow meters were used for flow data for this report.

The calibration documentation for the WPCP effluent flow measuring device at the WPCP is in **Attachment L**. The effluent meter was last calibrated on **July 23, 2024**.

ATTACHMENT A
HYDRAULIC AND ORGANIC
LOADING TABLE



PADEP Chapter 94 Spreadsh
Sewage Treatment Plar

Reporting Year: 2024

Facility Name: PAWC - McKeesport Water Pollution Control Plant

Permit No.: PA0026913

Persons/EDU: 2.1

Existing Hydraulic Design Capacity: 19 MGD
 Upgrade Planned in Next 5 Years? NO Year: 2024
 Future Hydraulic Design Capacity: MGD

Existing Organic Design Capacity: 19,950 lbs BOD5/day
 Upgrade Planned in Next 5 Years? NO Year:
 Future Organic Design Capacity: lbs BOD5/day

Monthly Average Flows for Past Five Years (MGD)

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

Month	2020	2021	2022	2023	2024
January	13.335	10.891	12.778	13.761	18.978
February	15.635	11.512	17.446	10.398	12.909
March	16.315	12.775	11.67	11.996	17.123
April	14.336	8.9	11.991	8.48	22.174
May	8.527	10.487	11.779	7.54	15.825
June	8.627	9.47	7.676	7.766	9.937
July	5.841	9.958	7.744	8.633	9.268
August	9.019	9.324	7.854	9.379	9.428
September	8.525	10.57	8.315	10.012	10.044
October	8.113	10.186	8.285	7.198	9.578
November	8.824	8.922	9.811	7.653	11.783
December	12.017	11.895	9.903	8.287	12.616

Month	2020	2021	2022	2023	2024
January	5,471	4,153	4,462	4,429	3,951
February	4,624	5,009	5,315	4,919	2,860
March	5,106	4,568	3,164	5,151	3,118
April	3,920	3,264	3,295	3,481	3,004
May	3,186	3,551	2,825	2,713	2,158
June	4,191	2,830	2,483	4,041	1,409
July	3,293	3,162	2,329	3,518	1,209
August	4,442	3,238	2,266	3,679	1,764
September	3,779	3,082	2,294	4,645	2,283
October	3,477	3,010	3,043	3,036	2,815
November	3,832	3,375	4,453	3,087	3,524
December	4,847	5,106	6,373	3,552	4,331

Annual Avg 10.76 10.408 10.438 9.259 13.305
 Max 3-Mo Avg 15.429 11.726 14.04 12.052 18.374
 Max : Avg Ratio 1.43 1.13 1.35 1.30 1.38
 Existing EDUs
 Flow/EDU (GPD)
 Flow/Capita (GPD)
 Exist. Overload? NO NO NO NO NO

Annual Avg 4.181 3.696 3.525 3.854 2.702
 Max Mo Avg 5.471 5,106 6,373 5,151 4,331
 Max : Avg Ratio 1.31 1.38 1.81 1.34 1.60
 Existing EDUs
 Load/EDU
 Load/Capita
 Exist. Overload? NO NO NO NO NO

Projected Flows for Next Five Years (MGD)

Projected BOD5 Loads for Next Five Years (lbs/day)

	2025	2026	2027	2028	2029
New EDUs	8.0	28.0	53.0	53.0	28.0
New EDU Flow	0.0028	0.0098	0.01855	0.01855	0.0098
Proj. Annual Avg	10.837	10.8468	10.86535	10.8839	10.8937
Proj. Max 3-Mo Avg	14.279	14.292	14.317	14.341	14.354
Proj. Overload?	NO	NO	NO	NO	NO

	2025	2026	2027	2028	2029
New EDUs	8	28	53	53	28
New EDU Load	4.672	16.352	30.952	30.952	16.352
Proj. Annual Avg	3,596	3,613	3,644	3,675	3,691
Proj. Max Avg	5,349	5,374	5,420	5,466	5,490
Proj. Overload?	NO	NO	NO	NO	NO

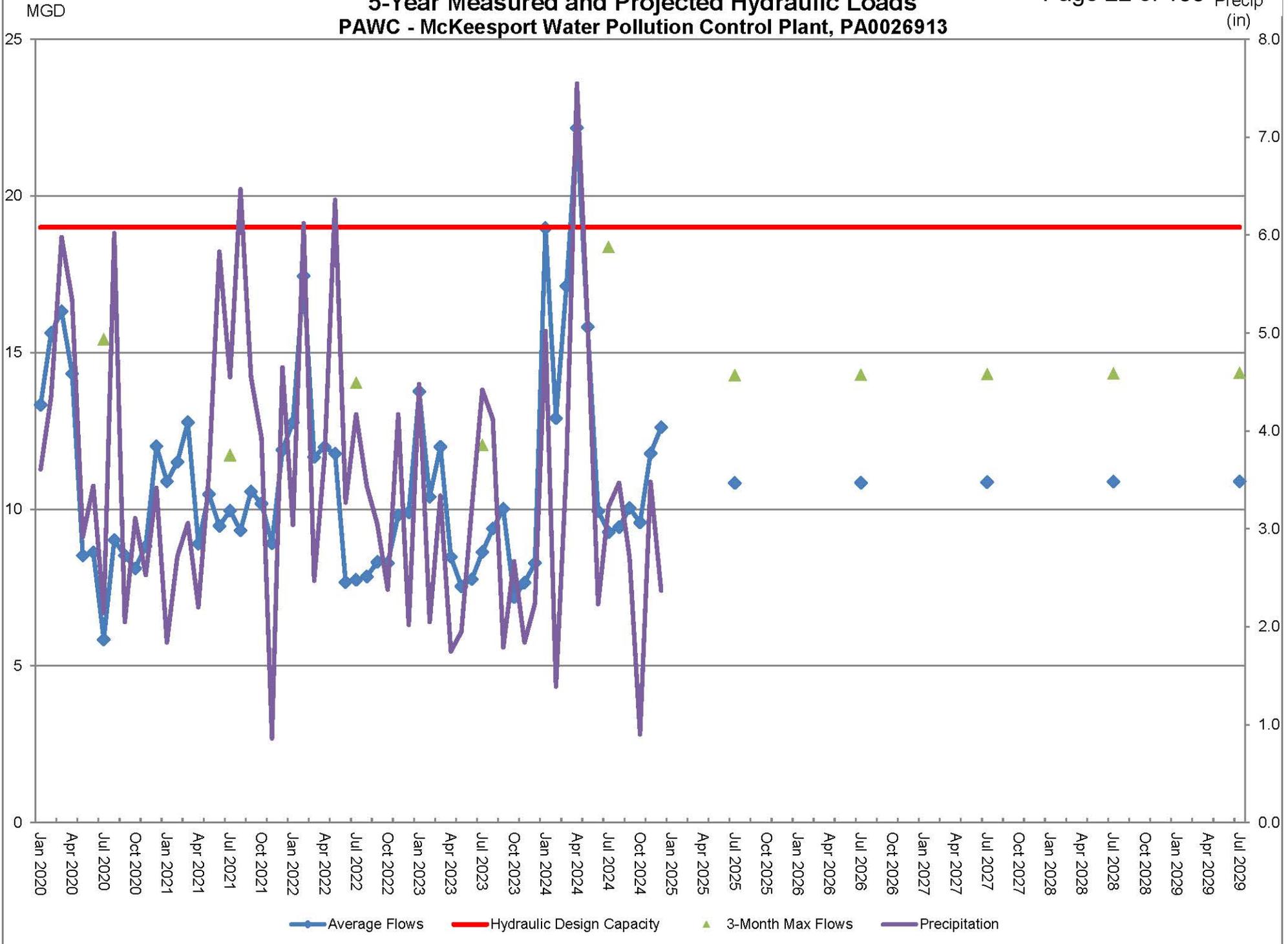
Show Precipitation Data on Hydraulic Graph?

Total Monthly Precipitation for Past Five Years (Inches)

Month	2020	2021	2022	2023	2024
January	3.61	1.84	3.04	4.48	5.02
February	4.35	2.72	6.12	2.05	1.39
March	5.98	3.06	2.47	3.34	3.63
April	5.34	2.2	3.74	1.75	7.55
May	2.92	3.55	6.36	1.95	5.1
June	3.44	5.83	3.27	3.22	2.23
July	2.14	4.55	4.17	4.42	3.23
August	6.02	6.47	3.44	4.12	3.47
September	2.05	4.55	3.05	1.79	2.71
October	3.11	3.93	2.38	2.67	0.9
November	2.53	0.86	4.17	1.84	3.48
December	3.42	4.65	2.02	2.24	2.37

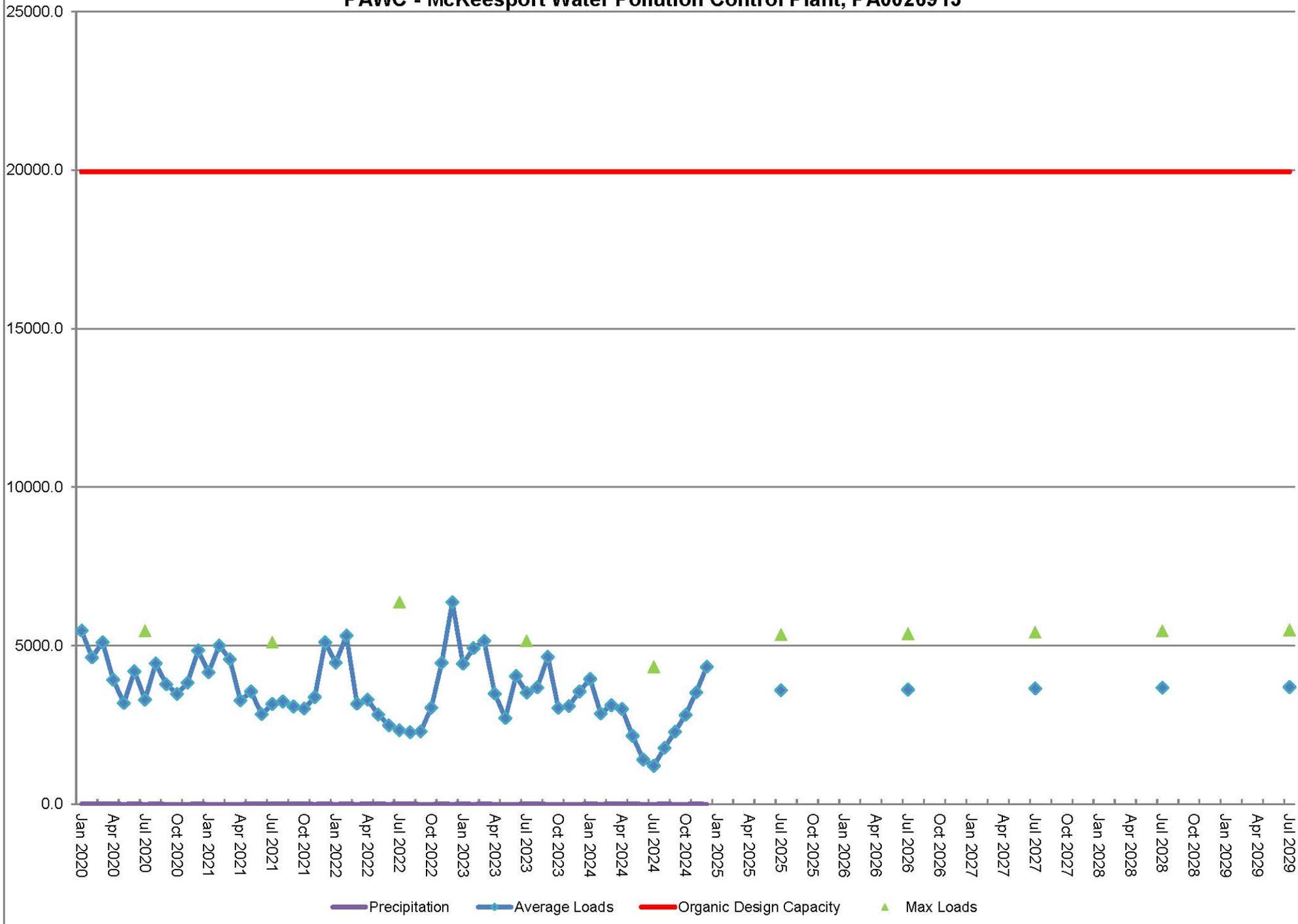
ATTACHMENT B
HYDRAULIC
LOADING GRAPH

5-Year Measured and Projected Hydraulic Loads PAWC - McKeesport Water Pollution Control Plant, PA0026913

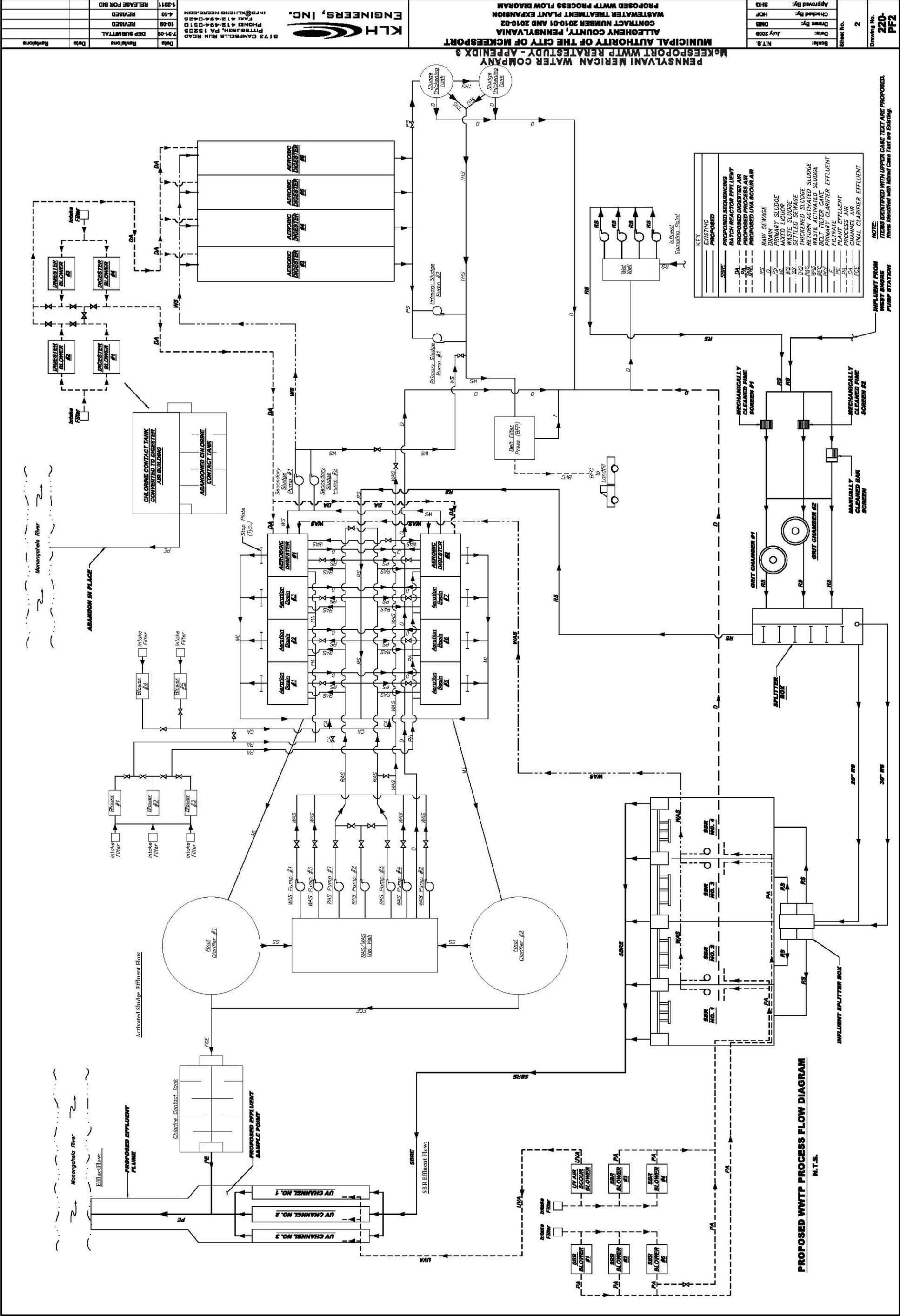


ATTACHMENT C
ORGANIC LOADING
GRAPH

5-Year Measured and Projected Organic Loads PAWC - McKeesport Water Pollution Control Plant, PA0026913



ATTACHMENT D
WWTP PROCESS DIAGRAM



PROPOSED WWT PROCESS FLOW DIAGRAM
N.T.S.

KEY	EXISTING	PROPOSED
SR	RAW SEWAGE	RAW SEWAGE
ML	MIXED LIQUOR	MIXED LIQUOR
WS	WASTE LIQUOR	WASTE LIQUOR
SS	SETTLED SLUDGE	SETTLED SLUDGE
RS	RETURN ACTIVATED SLUDGE	RETURN ACTIVATED SLUDGE
WAS	WASTEWATER	WASTEWATER
PA	PROPOSED PROCESS AIR	PROPOSED PROCESS AIR
DA	PROPOSED DABLER AIR	PROPOSED DABLER AIR
DA	PROPOSED BATCH REACTOR EFFLUENT	PROPOSED BATCH REACTOR EFFLUENT
DA	PROPOSED REACTOR EFFLUENT	PROPOSED REACTOR EFFLUENT
DA	PROPOSED IWA SCOUR AIR	PROPOSED IWA SCOUR AIR
PA	PLANT EFFLUENT	PLANT EFFLUENT
PA	PROCESS AIR	PROCESS AIR
PA	FILTRATE	FILTRATE
PA	PRIMARY CLARIFIER EFFLUENT	PRIMARY CLARIFIER EFFLUENT
PA	FINAL CLARIFIER EFFLUENT	FINAL CLARIFIER EFFLUENT

NOTE:
ITEMS IDENTIFIED WITH UPPER CASE TEXT ARE PROPOSED.
Items identified with lower case text are existing.

Revisions	Date	Revisions
1-2011	RELEASE FOR BID	
4-10	REVISED	
10-09	REVISED	
7-1-08	DEP SUBMITTAL	



KLH ENGINEERS, INC.
173 CAMPBELL RUN ROAD
PITTSBURGH, PA 15205
PHONE: 412-444-0110
FAX: 412-444-0438
INFO@KLHENGINEERS.COM

PENNSYLVANIA MUNICIPAL AUTHORITY OF THE CITY OF MCKEESPORT
MCKEESPORT WWT REFEED STUDY - APPENDIX 3
PROPOSED WWT PROCESS FLOW DIAGRAM
CONTRACT NUMBER 2010-01 AND 2010-02
WASTEWATER TREATMENT PLANT EXPANSION
APPROVED BY: [Signature]

Approved By:	SHO
Checked By:	HOF
Drawn By:	DMB
Date:	July 2008
Scale:	N.T.S.
Sheet No.	2
Drawing No.	220-PF2

ATTACHMENT E
TOOLS AND EQUIPMENT LIST

**PAWC MCKEESPORT WASTEWATER
2024 WASTEWATER TREATMENT PLANT
EQUIPMENT AND TOOL INVENTORY**

LOCATION	EQUIPMENT AND TOOLS
28th Street	2 Vector Trucks
28th Street	3 Dump Trucks
28th Street	2 Back Hoes
28th Street	1 Mini Excavator
28th Street	1 Service Truck
28th Street	1 Bypass Pump
28th Street	1 Hydraulic Pump
McKeesport WPCP	Maintenance Truck with Hoist
McKeesport WPCP	Skid Steer
McKeesport WPCP	Forklift
McKeesport WPCP	4 Davit Arm Cranes
McKeesport WPCP	2 Snow Plows
McKeesport WPCP	2 Bypass Pumps
McKeesport WPCP	4 Trash Pumps
McKeesport WPCP	1 Steam Jenny

ATTACHMENT F
SANITARY SEWER OVERFLOW EVENTS TABLE

PAWC WASTEWATER WASTEWATER - MCKEESPORT WPCP AND COLLECTION SYSTEM
2024 WASTEWATER SANITARY SEWER OVERFLOW EVENTS

	DATE	LOCATION	CAUSE	EST. AMOUNT (GAL)	NOTES
1	4.16.2024	Cliff Street, CSO-032	Equipment Failure	720,000	The mechanical seal on the #2 pump at the Cliff St Pump Station failed causing the pump station to flood. The overflow was discharged to Crooked Run, which then feeds Monongahela River. Utilized trash pump to pump flooded water out of the dry side of the pump station. Replaced with new mechanical seal and new sump pump installed. The event occurred at 8:50 am and was reported to DEP at 2:10 pm (verbal) on 4/16/2024, and at 1:30 pm (written) on 4/17/2024.
2	4.16.2024	Cliff Street, CSO-033	Equipment Failure	192,000	The mechanical seal on the #2 pump at the Cliff St Pump Station failed causing the pump station to flood. The overflow was discharged to Crooked Run, which then feeds Monongahela River. Utilized trash pump to pump flooded water out of the dry side of the pump station. Replaced with new mechanical seal and new sump pump installed. The event occurred at 8:45 am and was reported to DEP at 2:10 pm (verbal) on 4/16/2024, and at 1:30 pm (written) on 4/17/2024.
3	6.5.2024	Glenn Ave.Pump Station	Equipment Failure	36,135	The discharge hose on the pump in the Glenn Avenue Pump Station got pinched and did not allow flow to exit the wet well. Maintenance lifted the hose to correct how the hose was seated and ended to overflow. The overflow was discharged to Youghiogheny River. The event occurred at 7:15 am and was reported to DEP at 11:19 am (verbal) on 6/5/2024, and at 11:00 am (written) on 6/6/2024.
4	10.11.2024	Twelfth Avenue, CSO-021	Constructed Overflow	107,000	Dry Weather overflow was caused due to a Westmoreland Water line on Walnut Street in McKeesport suffering a water main break on 10/11/2024. This line is near CSO-021 which received the excess water during the water main break duration. The overflow was discharged to Youghiogheny River. The event occurred at 3:00 pm on 10/11/2024 and was reported to DEP at 10:00 am (verbal) on 11/12/2024, and at 12:00 pm (written) on 10/16/2024.
5	12.25.2024	Eden Park Blvd, CSO-024	Constructed Overflow	41,000	Dry Weather overflow was caused due to a Westmoreland Water line on Palm Street in McKeesport suffering a water main break on 12/25/2024. This line is near CSO-024 which received the excess water during the water main break duration. The overflow was discharged to Youghiogheny River. The event occurred at 7:10 am on 12/25/2024 and was reported to DEP on 12/25/2024 (verbal), and on 1/3/2025 (written).
ESTIMATED TOTAL =				1,096,135	gallons

ATTACHMENT G
COLLECTION SYSTEM SUMMARY TABLE

**McKeesport Wastewater - McKeesport Collection System
Summary**

	2024	TOTALS
Sanitary Sewer Overflows and bypasses	5	5
Basement flooding/back-up	0	0
Sanitary sewer blockage	0	0
Sanitary sewer pipe breaks	0	0
Service complaints	0	0
Sewer Mains (LF)		
Rehab (lining or pipe bursting)	7,793	7,793
Replace	150	150
Smoke Testing (est LF)	1	1
Cleaning	116	116
CCTV	162	162
New (Extensions)	0	0
Manholes (EA)		
- Rehab		0
- Replace		0
- New Install	0	0

ATTACHMENT H
CONDITION OF SEWAGE PUMPING STATION

Condition of Wastewater Lift Stations

PAW operated and maintained nine (9) lift stations in the collection system in **2024**. Each lift station has a pressurized force main that connects to the gravity system at various locations. There is an additional lift station at the plant: the WPCP Pump Station. The following pump stations are connected to SCADA: WPCP PS, West Shore PS, 28th St PS, Cliff St PS, Long Run PS, and Ripple Rd PS. Refer to **Attachment H** for detailed condition update of the lift stations in McKeesport.

The present maximum flow, maximum pumping rate, and projected two-year maximum flow for each pump station in the McKeesport WPCP conveyance system are shown in Table 1. Design capacity data were pulled from McKeesport Chapter 94 Report for previous years; 2024 Peak flow data were provided by PAW McKeesport Operations.

Table 1: Lift Stations that Convey Flow to McKeesport WPCP

LIFT STATION	Design Capacity (MGD)	2024 Peak Flow (MGD)	PROJECTED 2-YEAR MAX DAY FLOW (MGD)
West Shore Pump Station	31.5	39.06	39.24
28th Street Pump Station	7.94	9.85	9.89
Cliff Street Pump Station	7.42	3.67	3.68
Long Run Pump Station	9.7	8.27	8.30
Ripple Road Pump Station	5.0	4.09	4.11
RIDC Pump Station No.1	0.288	0.37	0.38

With respect to the Perry Street Lift Station and RIDC 2, and Glenn Avenue Pump Stations, there were no changes to the service area and the capacity is considered adequate. PAW plans to install permanent flow meters at these stations over the next few years along with the addition of SCADA reporting. No significant growth is expected in the next two years within the whole service area and the pump station capacities are

sufficient. Refer to **Attachment M** for information on pumping stations owned and operated by the tributary municipalities.

The lift stations are in good structural condition. The lift stations are checked daily or for smaller pump stations at least one day a week. Wet wells are checked weekly. In addition to preventative maintenance, the following work was performed in **2024**:

- West Shore Pump Station
 - Upgraded Mechanical Flex Rakes.
- Long Run Pump Station
 - Upgraded Mechanical Flex Rakes.
- Cliff St Pump Station
 - Replaced two (2) Rotary Pumps.
- Ripple Rd Pump Station
 - Replaced pump.

ATTACHMENT I
IPP REPORT
(ATTACHED LAB REPORTS NOT INCLUDED)



February 28th, 2025

Mr. Edwin Watkins
Allegheny County Health Dept.

Frank B. Clack Health Center
3901 Penn Avenue, Building #5
Pittsburgh, PA 15224-1318

Dear Mr. Watkins:

I have enclosed a copy of our Pretreatment Annual Report for the year 2024, along with attachments and all requested supporting information. If there is anything else you need, please feel free to contact me.

Respectfully,

A handwritten signature in blue ink, appearing to read "Matthew Lomire".

Matthew Lomire
Supervisor, Water Quality and Environmental Compliance
McKeesport Water Pollution Control Plant



Pennsylvania American Water – McKeesport Wastewater 2024 Pretreatment Performance Summary

General Information:

Control Authority Name: McKeesport Water Pollution Control Plant

Address: 100 Atlantic Avenue, McKeesport, PA 15132

Contact Person: Matthew Lomire

Contact Title: Supervisor, Water Quality and Environmental Compliance

Phone Number: 412-249-5650

Email Address: matthew.lomire@amwater.com

NPDES Nos.:

1. NPDES No. PA0026913 - McKeesport Water Pollution Control Plant (WPCP)

- **Permit Issuance Date:** February 1st, 2018
- **Expiration Date:** January 31st, 2023 (Renewal Application submitted through OnBase on 7/26/22)
- **Reporting Period:** Monthly DMRs must be received within 28 days following the end of each calendar month. Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e. January 28th, April 28th, July 28th, and October 28th.
- **Total Categorical Industrial Users (CIUs):** Zero (0), further investigation in progress.
- **Total Nonsignificant CIUs (NSCIUs):** Zero (0), further investigation in progress.

2. NPDES No. PA0028401 - Dravosburg Borough Sewage Treatment Plant (STP)

- **Permit Issuance Date:** February 1st, 2018
- **Expiration Date:** January 31st, 2023 (Renewal Application submitted through OnBase on 7/26/22)
- **Reporting Period:** Monthly DMRs must be received within 28 days following the end of each calendar month. Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e. January 28th, April 28th, July 28th, and October 28th.
- **Total Categorical Industrial Users (CIUs):** N/A
- **Total Nonsignificant CIUs (NSCIUs):** N/A



Pennsylvania American Water – McKeesport Wastewater

2024 Pretreatment Performance Summary

3. NPDES No. PA0026981 - Duquesne Sewage Treatment Plant (STP)

- **Permit Issuance Date:** September 5th, 2003
- **Expiration Date:** September 5th, 2008 (2nd draft permit created and discussed, awaiting final approval)
- **Reporting Period:** Monthly DMRs must be received within 28 days following the end of each calendar month.
- **Total Categorical Industrial Users (CIUs):** Zero (0), further investigation needed.
- **Total Nonsignificant CIUs (NSCIUs):** Zero (0), further investigation needed.

In 2023, Pennsylvania American Water submitted questionnaires to potential Commercial and Industrial Users located within the wastewater collection systems of McKeesport WPCP, Duquesne STP, and Dravosburg STP. Questionnaires have been reviewed, and follow-up site visit investigations have been performed. The status to date of the CIUs, NSCIUs and SNIUs is to be determined until further investigation is performed.

To the best of my knowledge, I certify that the information contained in this report and attachments are complete and accurate.

<u>Matthew Lomire</u>	<u>Supervisor Water Quality and Environmental Compliance</u>
Name of Authorized Representative (Print)	Title (Print)

A handwritten signature in blue ink, appearing to read "Matthew Lomire".

_____	<u>2/28/25</u>
Signature	Date



Pretreatment Annual Report

I. Industrial User List

Name	Address
1. NA	
2.	
3.	

From our initial investigation performed in 2023, we determined there are two (2) users that will provide annual updates that certify there has been no process changes within their production process that discharges process water to the collection system: **McKeesport WPCP**: Elizabeth Carbide & Die Co., Inc. and DB Pipe (Dura-Bond McKeesport). Additionally, two (2) businesses had process samples analyzed for various analytes and their status is to be determined: **McKeesport WPCP**: MRG Food LLC. **Duquesne STP**: Dura Bond Coating (Duquesne location). Furthermore, site visits and users are yet to be determined for companies in the Elizabeth Township footprint.

In 2024, annual updates certified that there have been no process changes for the above-mentioned users. Furthermore, in 2024 KLH Engineers, Inc. developed and prepared a Headworks Loading Analysis and Local Limits Study for the McKeesport WPCP and Duquesne STP. Each report was sent to the DEP for sampling plan approval.

II. Summary of Hauled in Waste

Waste Type	Receiving Location
1. Domestic (Municipal Waste) – Duquesne STP, Dravosburg STP and Elizabeth Borough STP	McKeesport WPCP (Aerobic Digester)
2. Commercial - NA	
3. Industrial - NA	



Industrial Waste (name/address)	Avg daily volume received	Process Description	Controls imposed
1. NA			
2.			
3.			

III. Inspection and Sampling Summary

Compliance Monitoring Activity	No. completed
1. Annual inspections –Yearly email check in sent to confirm no process changes.	
2. Compliance inspections - NA	
3. Sampling events - NA	

Facilities not inspected and/or sampled	Reason
1. Companies in Elizabeth Township	In the summer of 2023, McKeesport WPCP started to receive flow from Elizabeth Township and the potential users' status is to be determined for that area. No users were permitted for discharge to the now decommissioned Elizabeth Township Treatment Facility.
2.	
3.	

IV. Enforcement Summary

Facility	Violation	Actions taken
1. NA		
2.		
3.		



V. Summary of Interference, Pass Through or NPDES Permit Violations

Event	Type*	Caused by IU?***	Action Taken
1. NA			
2.			
3.			

*I=interference; P=pass through; V=permit violation

**If Yes; identify IU

VI. Summary of Program Changes

- After reviewing the twenty-one (21) returned questionnaires received from commercial businesses, eight (8) were deemed potential users and further investigation was needed.
- On-site investigation visits were scheduled and performed at the following locations in 2023:
 - **McKeesport WPCP:**
 - Elizabeth Carbide & Die Co., Inc.
 - DB Pipe (Dura-Bond McKeesport location)
 - ELG Metals, Inc.
 - Tygart Steel
 - Bolttech Mannings, Inc.
 - MRG Food LLC.
 - **Duquesne STP:**
 - Dura-Bond Coating (Duquesne location)
 - Wabtec Corporation LLC.
 - **Dravosburg STP:** No potential users identified after investigation.
- Out of the eight (8) possible users, further investigate sampling was performed at Dura-Bond Coating (Duquesne) and MRG Food LLC (McKeesport) in 2023.
 - At Dura-Bond, grab samples were sent to CWM Environmental for analysis (Total metals, Total Organic Carbon, Iron, Cobalt, Manganese, Titanium, Vanadium, Phosphorus, Total Cyanide).
 - At MRG Food LLC, grab samples sent to CWM Environmental for analysis (Chloride, BOD, Total Cyanide, Total Dissolved Solids (TDS), & Metals - Silver, Arsenic, Cadmium, Chromium, Copper, Mercury, Molybdenum, Nickel, Lead, Selenium and Zinc).



- o Furthermore, additional sampling was analyzed for a representative 8-hour composite sample collection (BOD, TSS, TDS & Ammonia-Nitrogen) & grab sample (Oil & Grease).
- o In time, further investigation for companies in the Elizabeth Township footprint will be performed. A local limits study will be conducted and evaluated for permitting purposes.

Attachments:

1. 2024 Influent Averages
2. 2024 Quarterly Analysis Pretreatment Spreadsheets
3. 2024 Priority Pollutants – Influent and Effluent Results
4. 2024 Priority Pollutants – Sludge Results



McKeesport Water Pollution Control Plant

2024 Influent Monthly Averages

Month	TSS (mg/L)	TSS (lbs)	BOD (mg/L)	BOD (lbs)
January	56.0	7393	34.93	3951
February	54.0	4179	38.50	2860
March	49.0	4589	33.63	3118
April	51.0	8982	22.23	3004
May	61.0	4723	27.86	2158
June	54.0	2707	28.05	1409
July	59.0	2869	25.99	1209
August	57.0	3032	34.14	1764
September	69.0	3849	41.75	2283
October	74.0	4216	49.83	2815
November	77.0	6157	48.15	3524
December	68.0	5483	54.63	4331

Dravosburg Sewage Treatment Plant

2024 Influent Monthly Averages

Month	TSS (mg/L)	TSS (lbs)	BOD (mg/L)	BOD (lbs)
January	49.0	180	34.9	125
February	58.0	156	46.9	127
March	19.0	60	20.8	72
April	22.0	82	20.0	77
May	43.0	132	31.9	94
June	35.0	30	28.0	27
July	46.0	31	28.2	19
August	35.0	19	34.9	19
September	21.0	16	35.9	25
October	81.0	57	55.0	39
November	34.0	23	24.3	18
December	46.0	49	50.9	59



Duquesne Sewage Treatment Plant
2024 Influent Monthly Averages

Month	TSS (mg/L)	TSS (lbs)	BOD (mg/L)	BOD (lbs)
January	43.0	445	43.0	441
February	49.0	345	51.0	358
March	30.0	193	31.0	191
April	33.0	193	30.0	199
May	30.0	199	38.0	234
June	36.0	140	54	202
July	43.0	181	64.0	252
August	51.0	201	57.0	224
September	51.0	295	54	302
October	64.0	323	58.0	291
November	41.0	210	40.0	191
December	34.0	248	35.0	256



Facility Name:	McKeesport Water Pollution Control Plant						
Facility ID:	PAP026913	UNITS: MG/L					
Location:	INFLUENT			Date	Date	Date	Date
	Pollutant	Goals	Frequency	2/13/2024	5/14/2024	8/13/2024	10/8/2024
01002	ARSENIC- TOTAL	0.0069	4	<0.001	0.001	0.001	<0.001
00310	BOD- 5-DAY	234.7484	4	50.5	19	29	48.5
01027	CADMIUM- TOTAL	0.0044	4	<0.0005	<0.0005	<0.0005	<0.0005
01034	CHROMIUM- TOTAL	15.1515	4	0.002	0.002	0.0009	0.001
01042	COPPER- TOTAL	0.1395	4	0.031	0.027	0.022	0.025
00720	CYANIDE- TOTAL	0.1	4	<0.005	0.027	0.005	<.005
01051	LEAD- TOTAL	0.0279	4	0.003	0.003	0.001	0.002
71900	MERCURY- TOTAL	0.0025	4	0.0002	<0.0002	<0.0002	<.0002
01062	MOLYBDENUM- TOTAL	0.0226	4	0.001	0.002	0.004	0.002
01067	NICKEL- TOTAL	0.0594	4	0.003	0.003	0.003	0.002
01147	SELENIUM- TOTAL	0.0152	4	<0.002	0.002	0.002	<.002
01077	SILVER- TOTAL	0.2781	4	<0.0005	<0.0005	<0.0005	<.0005
00530	SOLIDS- TOTAL SUSPENDED	278.7564	4	60	86	36	56
01092	ZINC- TOTAL	0.3049	4	0.088	0.071	0.083	0.066

Facility Name:	McKeesport Water Pollution Control Plant						
Facility ID:	PAP026913	UNITS: MG/L					
Location:	EFFLUENT			Date	Date	Date	Date
	Pollutant	Goals	Frequency	2/13/2024	5/14/2024	8/13/2024	10/8/2024
01002	ARSENIC- TOTAL	0.4222	4	<0.001	<0.001	<0.001	<0.001
00310	BOD- 5-DAY	No Goal	4	9.75	11.33	27.5	5
01027	CADMIUM- TOTAL	0.0186	4	<0.0005	<0.0005	<0.0005	<0.0005
01034	CHROMIUM- TOTAL	Monitor	4	0.0006	<0.0005	0.0006	<0.0005
01042	COPPER- TOTAL	0.1385	4	0.005	0.004	0.005	0.003
00720	CYANIDE- TOTAL	0.2025	4	0.007	0.007	0.019	<0.005
01051	LEAD- TOTAL	0.1194	4	0.0005	<0.0005	<0.0005	0.0005
71900	MERCURY- TOTAL	0.0021	4	<0.0002	<0.0002	<0.0002	<0.0002
01062	MOLYBDENUM- TOTAL	Monitor	4	0.001	0.002	0.002	0.002
01067	NICKEL- TOTAL	1.958	4	0.002	0.002	0.002	0.002
01147	SELENIUM- TOTAL	0.2111	4	<0.002	<0.002	<.002	<0.002
01077	SILVER- TOTAL	0.1084	4	<0.0005	<0.0005	<0.0005	<0.0005
00530	SOLIDS- TOTAL SUSPENDED	No Goal	4	5	3	4	3
01092	ZINC- TOTAL	1.1138	4	0.044	0.016	0.035	0.021

Facility Name:	McKeesport Water Pollution Control Plant						
Facility ID:	PAP026913	UNITS: MG/KG					
Location:	SLUDGE		DRY WT	Date	Date	Date	Date
	Pollutant	Goals	Frequency	2/13/2024	5/14/2024	8/13/2024	10/8/2024
01002	ARSENIC- TOTAL	41	4	5.7	10.2	8.03	9.69
00310	BOD- 5-DAY	No Goal	0				
01027	CADMIUM- TOTAL	39	4	<2.82	<2.73	<2.70	3.79
01034	CHROMIUM- TOTAL	Monitor	4	41.7	49.3	50.1	61.9
01042	COPPER- TOTAL	1500	4	430	447	429	585
00720	CYANIDE- TOTAL	Monitor	4	6.35	3.93	4.73	0.55
01051	LEAD- TOTAL	300	4	70.9	98.1	90.9	111.0
71900	MERCURY- TOTAL	17	4	1.04	1.6	1.19	1.1
01062	MOLYBDENUM- TOTAL	75	4	<11.3	<10.9	<10.8	10.7
01067	NICKEL- TOTAL	420	4	33.8	46	32.8	40.2
01147	SELENIUM- TOTAL	100	4	<11.3	<10.9	<10.8	<9.62
01077	SILVER- TOTAL	Monitor	4	<2.82	<2.73	<2.70	<2.4
00530	SOLIDS- TOTAL SUSPENDED	No Goal	0				
01092	ZINC- TOTAL	2800	4	989	1170	988	1260

ATTACHMENT J
SEWAGE SLUDGE MANAGEMENT INVENTORY

**PAWC MCKEESPORT WASTEWATER - MCKEESPORT WPCP
2024 LIQUID SLUDGE HAULTED OFF-SITE**

ESTIMATED SLUDGE TOTAL = 104,500 gallons
ESTIMATED DRY TONS TOTAL = 1.266 ton

No.	DATE	RECEIVING SITE	ADDRESS OF RECEIVING SITE	LIQUID Sludge (gal)	% Solids	Dry Tons
1	2/5/2024	Clairton Municipal authority and Westlake Natrium LLC	Allegheny and Marshall Counties	22,000	0.30	0.275
2	2/6/2024	Clairton Municipal authority and Westlake Natrium LLC	Allegheny and Marshall Counties	27,500	0.28	0.321
3	2/15/2024	Clairton Municipal authority and Westlake Natrium LLC	Allegheny and Marshall Counties	5,500	0.31	0.071
4	10/2/2024	Clairton Municipal authority and Westlake Natrium LLC	Allegheny and Marshall Counties	27,500	0.25	0.287
5	11/18/2024	Clairton Municipal authority and Westlake Natrium LLC	Allegheny and Marshall Counties	22,000	0.34	0.312
TOTAL				104,500		1.266

**PAWC MCKEESPORT WASTEWATER - MCKEEPOT WPCP
2024 HAULED IN LIQUID SLUDGE**

ESTIMATED SLUDGE TOTAL = 2,638,037 gallons
ESTIMATED DRY TONS TOTAL = 129.063 dry tons

No.	DATE	GENERATING SITE	ADDRESS OF GENERATING SITE	LIQUID Sludge (gal)	% Solids	Dry Tons
1	1/4/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.60	2.202
2	1/11/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.61	2.585
3	1/18/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.30	1.789
4	1/25/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.69	2.326
5	2/1/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.01	1.390
6	2/8/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.12	1.541
7	2/15/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.9	1.238
8	2/22/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.79	1.087
9	2/29/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.24	1.706
10	3/6/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.18	1.894
11	3/7/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	0.59	1.083
12	3/14/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	1.43	2.624
13	3/21/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.92	1.477
14	3/22/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.72	0.991
15	3/28/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	1.15	2.110
17	4/3/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.91	1.252
18	4/4/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.46	0.739
19	4/10/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.98	1.349
20	4/18/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	36,537	1.20	1.828
21	5/2/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.81	1.300
22	5/9/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.88	1.413

23	5/10/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.90	1.238
24	5/16/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.89	1.429
25	5/23/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	0.88	1.615
26	5/30/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	1.19	2.183
27	5/31/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	0.95	1.743
28	6/14/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	0.93	1.706
29	6/21/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.62	0.995
30	6/28/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.00	1.376
31	7/11/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.10	1.766
32	7/18/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	1.00	1.835
33	7/19/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	22,000	1.00	0.917
34	7/26/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.12	1.541
35	8/1/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.28	2.055
36	8/9/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.08	1.486
37	8/15/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.85	1.170
38	8/23/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.24	1.706
39	8/29/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.10	1.766
40	9/5/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.11	1.782
41	9/12/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	0.88	1.211
42	9/19/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.14	1.569
43	9/20/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.87	1.397
44	9/27/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.00	1.605
45	10/1/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.32	2.119
46	10/3/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.58	2.537
47	10/4/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	27,500	1.26	1.445
48	10/10/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	2.82	4.527
49	10/18/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	44,000	1.97	3.615

50	10/24/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.88	1.413
51	10/31/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.45	2.328
52	11/7/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.21	1.943
53	11/8/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	0.94	1.509
54	11/14/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.15	1.846
55	11/15/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.03	1.654
56	11/18/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	16,500	1.49	1.025
57	11/21/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	1.24	1.991
58	11/22/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.23	1.693
59	12/5/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	38,500	2.00	3.211
60	12/6/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.40	1.927
61	12/12/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.83	2.518
62	12/19/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.24	1.706
63	12/20/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.19	1.638
64	12/26/2024	Duquesne WWTP	5 Spring Avenue, Duquesne	33,000	1.36	1.871
65	6/6/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	44,000	1.94	3.560
66	6/13/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	44,000	1.38	2.532
67	6/20/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	33,000	1.23	1.693
68	6/27/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	44,000	0.87	1.596
69	7/19/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	16,500	0.47	0.323
70	7/25/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	38,500	0.87	1.397
71	8/8/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	33,000	1.4	1.927
72	8/22/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	33,000	1.01	1.390
73	9/4/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	33,000	1.71	2.353
74	10/18/2024	Dravosburg WWTP	320 Washington Avenue, Dravosburg	33,000	1.28	1.761
Total				2,638,037		129.063

**2024 McKeesport WPCP
SEWAGE SLUDGE MANAGEMENT INVENTORY**

This document is designed as a diagnostic aid in the estimation of sludge quantities produced at a well operated wastewater treatment plant. The calculations are based upon the observations made at hundreds of facilities. The source document is the EPA Program Approach Handbook "Improving POTW Performance Using the Composite Correction."

Required Information

1. Average Daily Flow and Average Daily Loading	13,305 mgd	2,702 lbs
2. BOD _{inf}	24.4 mg/l	
3. BOD _{eff}	13.1 mg/l	
4. Digester Capacity	1,035,636 gallons	
5. Waste Sludge (Return Sludge/Conventional)	6,000 mg/l	
6. % solids of sludge leaving plant	20.06 %	
7. Monitoring Period	365 days	

STEP 1: Calculate the pounds of BOD being removed by the plant.
 $(BOD_{inf} - BOD_{eff}) \times \text{flow, mgd} \times 8.34 = \text{pounds/day BOD}_{removed}$ 1,246 lbs/day

STEP 2: Convert pounds/day BOD to pounds/day TSS removed
 $\text{Pounds/day BOD}_{removed} \times \text{TSS/BOD factor} = \text{Pounds/day TSS}_{removed}$ 1,759 lbs/day
(from step 1) (see Table #1)
Note: Hauled in and hauled off-site sludges are included.

STEP 3: Determine sludge feed rate to digesters
(from step #2)
 $\frac{\text{Pounds/day TSS} \times 10^6}{(WAS_{conc} \times 8.34)} = \text{sludge feed rate, gpd}$ 35,155 gal/day

STEP 4: Determine Digester Hydraulic Detention Time (HDT)
 $\frac{\text{Digester Capacity, gallons}}{\text{(Sludge Feed Rate, gpd)}} = \text{HDT, days}$ 29 days
(from step #3)

STEP 5: Estimate Volatile Solid destruction using HDT
(see Table #2) 0.20

STEP 6: Calculate digested solids amount
 $\text{TSS} \times (1.0 - \text{Total Solids Reduction}) = \text{Solids Produced, \#/d}$ 1407 lbs/day
(from step #2) (from step #5)

STEP 7: Calculate sludge production in dry tons/monitoring period
(from step #6)
 $\frac{\text{lb/day dry solids produced}}{2000} \times \text{Mon. Period} = \text{sludge, dry tons/mon. period}$ 257 dry tons per monitoring period

STEP 8: Determine (+/-) 15% range of calculated value for dry tons.

Total Dry US Tons Disposed of in monitoring period 826.4 Dry US Tons

Low Range $0.85 \times$ 257 = 218 , Dry US Tons in monitoring Period

High Range $1.15 \times$ 257 = 295 , Dry US Tons in monitoring Period

This calculation should be within ± 15% of actual production of a well operated facility.

Source : EPA Handbook "Improving POTW Performance Using the Composite Correction Program Approach" EPA-625/6-84-008

TABLE 1

Process Type	TSSsludge/BODremoved
Primary Clarification	1.7
Activated Sludge with Primary Clarification	0.7
Activated Sludge w/o Primary Clarification	
Conventional	0.85
Extended Aeration	0.65
Contact Stabilization	1.00
Attached Growth (TF, RBC, ABF)	1.00

TABLE 2

	Digester HDT	Total Solids Reduction
Aerobic Digesters	Days	%
Following Extended	10	10
Aeration (MCRT>20 days)	15	20
	20	30
	30	35
Aerobic Digesters	10	20
Following Conventional	15	35
Activated Sludge (MCRT<12)	20	40
Anaerobic Digesters for	20	25
Activated + Primary, and	30	35
Fixed Film (Supernating Capability Useable)	40	45

TABLE 3

Typical Sludge Concentrations for Suspended Growth POTW's	
Sludge Type	Waste Concentrations mg/l
Primary	50,000
Activated	
Return Sludge/Conventional	6,000
Return Sludge/Extended	7,500
Return Sludge/Cont. Stab	8000
Return Sludge/small plants with low SOR	10,000
Separate waste hopper in clarifier	12,000
Primary + Trickling Filter	45,000
Primary + RBC	45,000
Primary + ABF	35,000
Trickling Filter	30,000
RBC	30,000
ABF	12,000

ATTACHMENT K
ANNUAL CSO REPORT SUMMARY

**THE CONTENTS OF THIS PAGE HAVE
BEEN REMOVED AND PLACED IN A
CONFIDENTIAL FOLDER**



Pennsylvania American Water Company (PAWC) owns and operates the McKeesport Water Pollution Control Plant (WPCP). The McKeesport WPCP is operated under National Pollutant Discharge Elimination System (NPDES) Permit No. PA0026913 and is permitted as a Combine Sanitary System (CSS). The McKeesport WPCP NPDES permit includes thirty (30) Combine Systems Overflows (CSO) outfalls.

As required by the NPDES Permit for McKeesport WPCP, PAWC is required to submit an Annual Combined Sewer Overflow (CSO) Status Report to the Pennsylvania Department of Environmental Protection (PADEP) on March 31 of each year with the annual Municipal Wasteload Management Report required by 25 PA Code Chapter 94, Section 94.12. This report is intended to meet those requirements.

The McKeesport WPCP NPDES permit identifies thirty-one (31) permitted outfalls for the WWTP for all discharge of flows to Monongahela River, Youghiogheny River, Crooked Run, and UNT to Youghiogheny River, respectively. In addition to the primary outflow at the WWTP, the permit includes thirty (30) permitted outfalls that serve as CSO outfalls which are utilized by combined sewage entering the combined sewer system and exceeding the hydraulic capacity of the combined sewers and are permitted to discharge only for such reason. The permitted CSO outfalls and their locations are listed as follows:

- 004 – Rebecca Street
- 005 – Erie Street
- 006 – Ann Street
- 007 – Dale Street
- 008 – Perry Street
- 009 – Windsor Street
- 010 – Morgan Alley
- 012 – Fourth Avenue
- 013 – Fifth Avenue
- 014 – Sixth Avenue
- 015 – Seventh Avenue
- 018 – Ninth Avenue
- 020 – Eleventh Avenue
- 021 – Twelfth Avenue
- 022 – Thirteenth Avenue
- 023 – Twenty-Eighth Avenue
- 024 – Eden Park Avenue
- 025 – Walnut Street
- 026 – Walnut Street
- 027 – Huey Street
- 028 – Martin Street
- 029 – Center Street
- 030 – Evans Avenue
- 031 – White Street
- 032 – Cliff Street
- 033 – Cliff Street
- PV-01 – Port Vue CSO Outfall 1
- PV-02 – Port Vue CSO Outfall 2
- PV-04 – Port Vue CSO Outfall 4
- PV-05 – Port Vue CSO Outfall 5

Although primarily focused on the McKeesport WPCP CSS and McKeesport CSO status in 2024, this report describes controls developed and implemented throughout the entire McKeesport Wastewater CSS, including the Duquesne WWTP CSS and the Dravosburg WWTP CSS.



Summary of CSO Discharges for 2024

During the **2024** operating year, CSO discharge events occurred at all permitted outfalls. Each discharge is monitored for cause, frequency, duration, and volume for each CSO event.

All CSO event data is recorded and reported as an attachment to the monthly discharge monitoring report (DMR) using the Department-provided DMR for CSOs. Monitoring is undergone in compliance with the requirements of the NPDES Permit. A summary of the total monthly and annual wet weather CSO discharges for each outfall and rain gauge data are included at the end of this report – Refer to Appendix A.

Water Quality Impacts

CSOs contain a mixture of both untreated domestic and commercial wastes, and as well as surface runoff. Thus, many different types of contaminants may be present in the discharges. Contaminants may include but not limited to pathogens, oxygen-demanding pollutants, suspended solids, nutrients, toxics and/or floatable debris. The presence of such contaminants in CSOs can cause a variety of adverse impacts on the physical characteristics of surface water, impair the viability of aquatic habitats, and pose a potential threat to drinking water supplies.

Implementation of the Nine Minimum Controls

The Nine Minimum Controls (NMCs) are identified in the Environmental Protection Agency (EPA) CSO Control Policy as minimum technology-based controls that can be used to address CSO problems without extensive engineering studies or significant construction costs, prior to the implementation of long-term control measures.

PAWC continues its efforts to implement the NMCs and these efforts are outlined as follows:

1. Proper operation and regular maintenance programs for the sewer system and the CSOs

The first minimum control, proper operation, and regular maintenance of CSS and CSO, consists of a program that establishes operation, maintenance, and inspection procedures to ensure that the CSS and the treatment plants will function in a way that maximizes treatment of combined sewage while complying with limitations set in the existing NPDES permit.

PAWC conducts inspection and maintenance of the outfalls on a regular basis. Inspections are conducted and evidence of overflows is recorded on a field inspection log. Whenever blockages or clogging is found, the debris is cleared and removed from the CSO regulator. PAWC also conducts catch basin cleaning, repairs and replacement as necessary.

The McKeesport CSS Operation and Maintenance Program was updated in 2019 and mailed to the PADEP and the Allegheny County Health Department (ACHD).

Standard CSS inspection and maintenance forms have been updated to indicate ownership by PAWC. The CSO Inspection Form has been updated, and a Manhole Inspection Form has been prepared.



Inlet markers are replaced as needed and during inspections. The Updated Inlet/Catch Basin Inspection form includes a check off item to indicate whether the inlet marker needs to be replaced.

PAWC has implemented MapCall for preventative maintenance. Preventative Maintenance (PM) plans will be created for major equipment, including safety-related equipment. The PM plans will be used in MapCall to digitally track and record inspections and required maintenance.

2. Maximum use of the collection system for storage

Maximum use of the collection system means making simple modifications to the CSS to enable the system to store more wet weather flows until downstream treatment facilities can handle them.

PAWC makes every effort possible to maximize storage within the collection system. The regulator gate is set to achieve maximum storage.

CSOs are inspected on a weekly basis and following rain events. Pump stations are pumped down on an annual basis and visually inspected.

PAWC performed mapping and condition assessments in 2019 in addition to gathering flow data of the entire system. Regulator settings and weir heights currently are not field-adjustable, but may be evaluated in the future if needed, using the hydraulic model.

3. Review and modification of pretreatment requirements to assure CSO impacts are minimized.

Under the third minimum control, PAWC would determine whether nondomestic sources are contributing to CSO impacts and if so, investigate ways to control them. At this time PAWC is not required through its NPDES permit to implement an Industrial Pretreatment Program required in 40 CFR Part 403.

There are no significant heavy industries in the McKeesport Wastewater Area in 2024, whose contribution to the collection system during wet weather events would have any considerable effects to the appearance of the CSO or the treatment at the WWTPs. However, as a part of the everyday operations, the WWTP staff monitors the quality of the wastewater. Any significant change in its characteristics that could be caused by a nondomestic source is documented and effective pretreatment modifications are imposed.

In 2024, there were no industrial impacts on the McKeesport CSOs.

4. Maximization of flow to the publicly owned treatment works for treatment.

The intent of this control is to implement practices, procedures and complete minor modifications to the CSS and wastewater treatment plant to enable as much wet weather flow as possible will reach the treatment facilities for proper treatment.

Currently PAWC's staff makes all possible efforts to maximize flow to the treatment plant. Pump stations are operated to pump maximum flow possible, the regulator gates are kept fully open. Damaged pumps are repaired or replaced immediately, as needed. PAWC is continuing to effort to identify and correct deficiencies within the system.



5. Prohibition of CSOs during dry weather

This measure's intent in accordance with the "Guidance for Nine Minimum Controls" is to closely monitor overflows and implement all measures necessary to ensure that there are no CSOs occurring during dry weather periods.

In accordance with the CSS O&M Program, PAWC's staff conducts scheduled and non-scheduled inspections of all CSS facilities. Dry weather CSO discharges are prohibited, however several were experienced in **2024**. They resulted in either equipment failure or water main breaks in the vicinity. As required by the NPDES permits, PAWC documents and reports dry weather overflows to PADEP and Allegheny County Health Department (ACHD) immediately.

6. Control of solid and floatable materials in CSOs

The intent of this measure is to reduce solids and floatable debris using relatively simple methods. At all three WWTPs, the regulator contains a screen which collects solids as part of the pretreatment process. The solids are then removed by PAWC personnel.

The City of McKeesport also performs routine street-sweeping in an effort to implement the NMCs.

7. Pollution prevention

The objective of this control is to reduce to the greatest extent possible the amount of contaminants that may enter the sewer system. The screens in the regulators collect solids and floatable debris that make it into the sewer system. PAWC personnel clean the regulators on a as needed basis. The street sweeping program helps to prevent pollution, as it keeps solids and floatables from entering the combined sewer system and being discharged into the river through a CSO outfall.

PAWC works with Pennsylvania Resources Council to sponsor Household Chemical Collection Events.

PAWC's website includes information on the following topics with supporting links:

Watershed Protection

<https://www.amwater.com/paaw/Water-Wastewater-Information/watershed-protection>

Source Water Protection Planning

<https://www.amwater.com/paaw/water-quality/protecting-drinking-water-supplies/source-water-protection-planning>

Community Resources

<https://www.amwater.com/paaw/water-quality/protecting-drinking-water-supplies/community-resources>

Wise Water Use

<https://www.amwater.com/paaw/Water-Wastewater-Information/wise-water-use>

Detecting Leaks

<https://www.amwater.com/paaw/Water-Wastewater-Information/detecting-leaks>

Downspout Disconnection: Step-by-step Instructions



<https://www.amwater.com/paaw/Water-Wastewater-Information/green-infrastructure/downspout-disconnection-instructions>

Preventing Sewer Blockages in the Home

<https://www.amwater.com/paaw/Water-Wastewater-Information/green-infrastructure/preventing-sewer-blockages>

Sump Pumps

<https://www.amwater.com/paaw/Water-Wastewater-Information/green-infrastructure/sump-pumps>

Rain Barrels: A Better Way to Manage Stormwater

<https://www.amwater.com/paaw/Water-Wastewater-Information/green-infrastructure/rain-barrels>

<https://www.amwater.com/paaw/Water-Wastewater-Information/green-infrastructure/rain-barrel-step-by-step>

Industrial Pretreatment Program

<https://www.amwater.com/paaw/Water-Wastewater-Information/Wastewater-Service/industrial-pretreatment-program>

PAWC updates its social media accounts on a daily basis, including Facebook (@pennsylvaniaamwater), Twitter (@paamwater), and Instagram (paamwater), to communicate with customers and reinforce key messages.

PAWC also maintains a YouTube account (paamwater) where educational and informative videos are posted approximately 1-2 times per month.

8. Public notification to ensure that the public receives adequate notification of CSO occurrences and CSO impacts.

The intent of the eighth minimum control is to inform the public of the location of CSO outfalls, the actual occurrences of CSOs, the possible health and environmental effects of CSOs, and the recreational activities curtailed as a result of CSOs.

Currently all permitted outfalls within the McKeesport Wastewater System have signs that indicate and warn the public of a WWTP outfall.

PAWC displays the CSO flag at the McKeesport STP during wet weather events.

PAWC typically sponsors a booth at the McKeesport International Village Festival, conducts an educational program at four local schools around Earth Day, and conducts other public awareness events.

A Water Conservation brochure is included as a bill insert for all PAWC customers on an annual basis. Water conservation information is also included on the PAWC website.

Water conservation and pollution prevention information also are posted on PAWC social media accounts, as described in NMC-7.



9. Monitoring to effectively characterize CSO impacts and the efficacy of CSO controls.

This control involves visual inspections and/or other simple methods to determine the occurrence and apparent impact of a CSO event.

Currently flow meters are installed at all WWTPS to monitor CSO events at each of the WWTP outfall. There is also a rainfall gauge that is used to monitor daily rainfall at each of the WWTP.

As previously discussed, PAWC conducts routine inspections of the CSO regulators. These inspections occur after major wet weather events. Chalk is utilized on the walls of the outfall structures to identify any suspected overflow event. PAWC has flow meters installed to monitor CSO events at each of the outfalls. Total daily rainfall is monitored using a rain gauge installed at the McKeesport WPCP. The daily total inches of rain that caused each CSO discharge during 2024 is reported monthly in the supplemental DMR for CSOs.



APPENDIX A

CSO Discharge Summary

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - January 2024

CSO Outfall No.	CSO Event Occur	Outfall Location/Receiving Water	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	1/9/2024	Inspection	0.018	7.8	Hydraulic Overload	1.38	Rain
004	Yes	Rebecca Street/Monongahela River	1/12/2024	Inspection	0.007	0.8	Hydraulic Overload	0.4	Rain
004	Yes	Rebecca Street/Monongahela River	1/24/2024	Inspection	0.063	7.3	Hydraulic Overload	0.57	Rain
004	Yes	Rebecca Street/Monongahela River	1/25/2024	Inspection	0.055	8.3	Hydraulic Overload	0.41	Rain
004	Yes	Rebecca Street/Monongahela River	1/28/2024	Inspection	0.056	8.7	Hydraulic Overload	1.23	Rain
005	No	Erie Street/Monongahela River							
006	No	Ann Street/Monongahela River							
007	No	Dale Street/Monongahela River							
008	Yes	Perry Street/Monongahela River	1/9/2024	Inspection	0.099	5.2	Hydraulic Overload	1.38	Rain
008	Yes	Perry Street/Monongahela River	1/12/2024	Inspection	0.002	0.3	Hydraulic Overload	0.4	Rain
008	Yes	Perry Street/Monongahela River	1/24/2024	Inspection	0.003	0.3	Hydraulic Overload	0.57	Rain
008	Yes	Perry Street/Monongahela River	1/25/2024	Inspection	0.003	0.6	Hydraulic Overload	0.41	Rain
008	Yes	Perry Street/Monongahela River	1/28/2024	Inspection	0.065	1	Hydraulic Overload	1.23	Rain
009	Yes	Windsor Street/ Monogahela River	1/9/2024	Inspection	0.025	3.6	Hydraulic Overload	1.38	Rain
009	Yes	Windsor Street/ Monogahela River	1/28/2024	Inspection	0.097	7.9	Hydraulic Overload	1.23	Rain
010	Yes	Morgan Alley/Monogahela River	1/9/2024	Inspection	0.420	8.8	Hydraulic Overload	1.38	Rain
010	Yes	Morgan Alley/Monogahela River	1/28/2024	Inspection	0.020	2.4	Hydraulic Overload	1.23	Rain
012	Yes	Fourth Avenue/Youghioghney River	1/9/2024	Inspection	0.609	12.3	Hydraulic Overload	1.38	Rain
012	Yes	Fourth Avenue/Youghioghney River	1/28/2024	Inspection	0.269	6.6	Hydraulic Overload	1.23	Rain
013	Yes	Fifth Avenue/Youghioghney River	1/9/2024	Inspection	1.591	17.5	Hydraulic Overload	1.38	Rain
013	Yes	Fifth Avenue/Youghioghney River	1/12/2024	Inspection	0.015	0.4	Hydraulic Overload	0.4	Rain
013	Yes	Fifth Avenue/Youghioghney River	1/24/2024	Inspection	0.017	0.6	Hydraulic Overload	0.57	Rain
013	Yes	Fifth Avenue/Youghioghney River	1/29/2024	Inspection	0.430	8.6	Hydraulic Overload	0.01	Rain
014	Yes	Sixth Avenue/Youghioghney River	1/9/2024	Inspection	1.709	15	Hydraulic Overload	1.38	Rain
014	Yes	Sixth Avenue/Youghioghney River	1/28/2024	Inspection	0.595	6.3	Hydraulic Overload	1.23	Rain
015	Yes	Seventh Avenue/Youghioghney River	1/9/2024	Inspection	0.076	4	Hydraulic Overload	1.38	Rain
015	Yes	Seventh Avenue/Youghioghney River	1/12/2024	Inspection	0.015	2.7	Hydraulic Overload	0.4	Rain
015	Yes	Seventh Avenue/Youghioghney River	1/24/2024	Inspection	0.026	2.4	Hydraulic Overload	0.57	Rain
015	Yes	Seventh Avenue/Youghioghney River	1/25/2024	Inspection	0.022	2.2	Hydraulic Overload	0.41	Rain
015	Yes	Seventh Avenue/Youghioghney River	1/28/2024	Inspection	0.088	5.3	Hydraulic Overload	1.23	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	1/9/2024	Inspection	3.356	16.2	Hydraulic Overload	1.38	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	1/24/2024	Inspection	0.152	4	Hydraulic Overload	0.57	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	1/28/2024	Inspection	1.208	11.9	Hydraulic Overload	1.23	Rain
020	Yes	Eleventh Avenue/Youghioghney River	1/9/2024	Inspection	0.158	8.9	Hydraulic Overload	1.38	Rain
020	Yes	Eleventh Avenue/Youghioghney River	1/28/2024	Inspection	0.045	2.8	Hydraulic Overload	1.23	Rain

021	Yes	Twelfth Avenue/Youghiogheny River	1/9/2024	Inspection	3.348	17.3	Hydraulic Overload	1.38	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	1/12/2024	Inspection	0.007	0.3	Hydraulic Overload	0.4	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	1/24/2024	Inspection	0.035	0.8	Hydraulic Overload	0.57	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	1/25/2024	Inspection	0.013	0.3	Hydraulic Overload	0.41	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	1/28/2024	Inspection	2.071	14.8	Hydraulic Overload	1.23	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	1/9/2024	Inspection	1.947	15.8	Hydraulic Overload	1.38	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	1/12/2024	Inspection	0.218	4.2	Hydraulic Overload	0.4	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	1/24/2024	Inspection	0.204	4.9	Hydraulic Overload	0.57	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	1/25/2024	Inspection	0.103	3.5	Hydraulic Overload	0.41	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	1/27/2024	Inspection	0.044	0.9	Hydraulic Overload	0.32	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	1/28/2024	Inspection	1.207	12.8	Hydraulic Overload	1.23	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	1/9/2024	Inspection	0.529	16.5	Hydraulic Overload	1.38	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	1/12/2024	Inspection	0.019	0.5	Hydraulic Overload	0.4	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	1/24/2024	Inspection	0.031	1	Hydraulic Overload	0.57	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	1/27/2024	Inspection	0.035	2.5	Hydraulic Overload	0.32	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	1/28/2024	Inspection	0.482	18.3	Hydraulic Overload	1.23	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	1/9/2024	Inspection	0.753	18.2	Hydraulic Overload	1.38	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	1/12/2024	Inspection	0.058	3.9	Hydraulic Overload	0.4	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	1/24/2024	Inspection	0.003	0.6	Hydraulic Overload	0.57	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	1/25/2024	Inspection	0.006	0.5	Hydraulic Overload	0.41	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	1/27/2024	Inspection	0.001	0.2	Hydraulic Overload	0.32	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	1/28/2024	Inspection	0.914	18.3	Hydraulic Overload	1.23	Rain
025	Yes	Walnut Street/Monongahela River	1/9/2024	Inspection	0.086	3.8	Hydraulic Overload	1.38	Rain
025	Yes	Walnut Street/Monongahela River	1/28/2024	Inspection	0.063	1.9	Hydraulic Overload	1.23	Rain
026	Yes	Walnut Street/Monongahela River	1/9/2024	Inspection	0.212	5.3	Hydraulic Overload	1.38	Rain
026	Yes	Walnut Street/Monongahela River	1/24/2024	Inspection	0.014	0.3	Hydraulic Overload	0.57	Rain
026	Yes	Walnut Street/Monongahela River	1/25/2024	Inspection	0.009	0.3	Hydraulic Overload	0.41	Rain
026	Yes	Walnut Street/Monongahela River	1/28/2024	Inspection	0.399	3.9	Hydraulic Overload	1.23	Rain
027	Yes	Huey Street/Monongahela River	1/9/2024	Inspection	0.099	5	Hydraulic Overload	1.38	Rain
027	Yes	Huey Street/Monongahela River	1/12/2024	Inspection	0.021	4	Hydraulic Overload	0.4	Rain
027	Yes	Huey Street/Monongahela River	1/24/2024	Inspection	0.020	2.7	Hydraulic Overload	0.57	Rain
027	Yes	Huey Street/Monongahela River	1/25/2024	Inspection	0.013	3.7	Hydraulic Overload	0.41	Rain
027	Yes	Huey Street/Monongahela River	1/28/2024	Inspection	0.124	6	Hydraulic Overload	1.23	Rain
028	Yes	Martin Street/Monongahela River	1/9/2024	Inspection	0.211	5.3	Hydraulic Overload	1.38	Rain
028	Yes	Martin Street/Monongahela River	1/12/2024	Inspection	0.089	4	Hydraulic Overload	0.4	Rain
028	Yes	Martin Street/Monongahela River	1/24/2024	Inspection	0.097	3.3	Hydraulic Overload	0.57	Rain
028	Yes	Martin Street/Monongahela River	1/25/2024	Inspection	0.056	2.7	Hydraulic Overload	0.41	Rain
028	Yes	Martin Street/Monongahela River	1/28/2024	Inspection	0.170	6	Hydraulic Overload	1.23	Rain
029	Yes	Center Street/Monongahela River	1/9/2024	Inspection	0.001	0.1	Hydraulic Overload	1.38	Rain
029	Yes	Center Street/Monongahela River	1/28/2024	Inspection	0.002	0.7	Hydraulic Overload	1.23	Rain
030	Yes	Evans Avenue/Monongahela River	1/9/2024	Inspection	0.416	8.4	Hydraulic Overload	1.38	Rain
030	Yes	Evans Avenue/Monongahela River	1/12/2024	Inspection	0.008	0.3	Hydraulic Overload	0.4	Rain
030	Yes	Evans Avenue/Monongahela River	1/25/2024	Inspection	0.009	0.3	Hydraulic Overload	0.41	Rain
030	Yes	Evans Avenue/Monongahela River	1/28/2024	Inspection	0.432	10.7	Hydraulic Overload	1.23	Rain
031	Yes	White Street/Monongahela River	1/9/2024	Inspection	4.429	18.5	Hydraulic Overload	1.38	Rain

031	Yes	White Street/Monongahela River	1/10/2024	Inspection	1.968	24	Hydraulic Overload	0.02	Rain
031	Yes	White Street/Monongahela River	1/11/2024	Inspection	0.041	2.3	Hydraulic Overload		Previous Day Runoff
031	Yes	White Street/Monongahela River	1/12/2024	Inspection	1.150	7.3	Hydraulic Overload	0.4	Rain
031	Yes	White Street/Monongahela River	1/13/2024	Inspection	1.213	21.8	Hydraulic Overload	0.02	Rain
031	Yes	White Street/Monongahela River	1/24/2024	Inspection	1.460	11.2	Hydraulic Overload	0.57	Rain
031	Yes	White Street/Monongahela River	1/25/2024	Inspection	3.020	24	Hydraulic Overload	0.41	Rain
031	Yes	White Street/Monongahela River	1/26/2024	Inspection	2.143	23.9	Hydraulic Overload	0.04	Rain
031	Yes	White Street/Monongahela River	1/27/2024	Inspection	1.824	24	Hydraulic Overload	0.32	Rain
031	Yes	White Street/Monongahela River	1/28/2024	Inspection	5.572	24	Hydraulic Overload	1.23	Rain
031	Yes	White Street/Monongahela River	1/29/2024	Inspection	2.805	24	Hydraulic Overload	0.01	Rain
031	Yes	White Street/Monongahela River	1/30/2024	Inspection	1.746	24	Hydraulic Overload	0.01	Rain
031	Yes	White Street/Monongahela River	1/31/2024	Inspection	0.463	9.1	Hydraulic Overload		Previous Day Runoff
032	Yes	Cliff Street/Crooked Run	1/9/2024	Inspection	0.37*	*	Hydraulic Overload	1.38	Rain
032	Yes	Cliff Street/Crooked Run	1/12/2024	Inspection	0.215*	*	Hydraulic Overload	0.4	Rain
032	Yes	Cliff Street/Crooked Run	1/24/2024	Inspection	0.257*	*	Hydraulic Overload	0.57	Rain
032	Yes	Cliff Street/Crooked Run	1/25/2024	Inspection	0.215*	*	Hydraulic Overload	0.41	Rain
032	Yes	Cliff Street/Crooked Run	1/28/2024	Inspection	0.357*	*	Hydraulic Overload	1.23	Rain
033	Yes	Cliff Street/Crooked Run	1/9/2024	Inspection	0.154*	*	Hydraulic Overload	1.38	Rain
033	Yes	Cliff Street/Crooked Run	1/12/2024	Inspection	0.046*	*	Hydraulic Overload	0.4	Rain
033	Yes	Cliff Street/Crooked Run	1/24/2024	Inspection	0.059*	*	Hydraulic Overload	0.57	Rain
033	Yes	Cliff Street/Crooked Run	1/25/2024	Inspection	0.048*	*	Hydraulic Overload	0.41	Rain
033	Yes	Cliff Street/Crooked Run	1/28/2024	Inspection	0.124*	*	Hydraulic Overload	1.23	Rain
PV-01	No	Port Vue CSO Outfall 1							
PV-02	No	Port Vue CSO Outfall 2							
PV-04	Yes	Port Vue CSO Outfall 4	1/28/2024	Inspection	0.001	0.3	Hydraulic Overload	1.23	Rain
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 100		53.728	663.9			

*Sensors failed. Overflow volumes were estimated based on a multiple regression analysis of historical data and the rain fall intensity and duration. But there was no way to determine how long the event lasted when the sensors failed.

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - February 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	2/22/2024	Inspection	0.024	4.8	Hydraulic Overload	0.58	Rain
004	Yes	Rebecca Street/Monongahela River	2/27/2024	Inspection	0.004	0.8	Hydraulic Overload	0.17	Rain
004	Yes	Rebecca Street/Monongahela River	2/28/2024	Inspection	0.018	2.3	Hydraulic Overload	0.39	Rain
005	No	Erie Street/Monongahela River							
006	No	Ann Street/Monongahela River							
007	No	Dale Street/Monongahela River							
008	Yes	Perry Street/Monongahela River	2/22/2024	Inspection	0.025	4	Hydraulic Overload	0.58	Rain
008	Yes	Perry Street/Monongahela River	2/28/2024	Inspection	0.012	2.7	Hydraulic Overload	0.39	Rain
009	Yes	Windsor Street/ Monogahela River	2/27/2024	Inspection	0.004	0.4	Hydraulic Overload	0.17	Rain
009	Yes	Windsor Street/ Monogahela River	2/28/2024	Inspection	0.01	0.9	Hydraulic Overload	0.39	Rain
010	No	Morgan Alley/Monogahela River							
012	Yes	Fourth Avenue/Youghiogheny River	2/28/2024	Inspection	0.002	0.3	Hydraulic Overload	0.39	Rain
013	Yes	Fifth Avenue/Youghiogheny River	2/27/2024	Inspection	0.022	0.3	Hydraulic Overload	0.17	Rain
013	Yes	Fifth Avenue/Youghiogheny River	2/28/2024	Inspection	0.033	0.5	Hydraulic Overload	0.39	Rain
014	Yes	Sixth Avenue/Youghiogheny River	2/28/2024	Inspection	0.015	0.7	Hydraulic Overload	0.39	Rain
015	No	Seventh Avenue/Youghiogheny River							
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	2/22/2024	Inspection	0.01	0.3	Hydraulic Overload	0.58	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	2/27/2024	Inspection	0.01	0.3	Hydraulic Overload	0.17	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	2/28/2024	Inspection	0.11	0.9	Hydraulic Overload	0.39	Rain
020	No	Eleventh Avenue/Youghiogheny River							
021	Yes	Twelfth Avenue/Youghiogheny River	2/22/2024	Inspection	0.225	3.1	Hydraulic Overload	0.58	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	2/27/2024	Inspection	0.147	1.1	Hydraulic Overload	0.17	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	2/28/2024	Inspection	0.193	1.6	Hydraulic Overload	0.39	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	2/22/2024	Inspection	0.002	0.2	Hydraulic Overload	0.58	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	2/27/2024	Inspection	0.029	0.6	Hydraulic Overload	0.17	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	2/28/2024	Inspection	0.078	1.2	Hydraulic Overload	0.39	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	2/22/2024	Inspection	0.49	1.1	Hydraulic Overload	0.58	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	2/27/2024	Inspection	0.007	0.2	Hydraulic Overload	0.17	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	2/28/2024	Inspection	0.056	1.3	Hydraulic Overload	0.39	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	2/27/2024	Inspection	0.025	0.8	Hydraulic Overload	0.17	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	2/28/2024	Inspection	0.034	1.2	Hydraulic Overload	0.39	Rain
025	Yes	Walnut Street/Monongahela River	2/27/2024	Inspection	0.005	0.3	Hydraulic Overload	0.17	Rain

025	Yes	Walnut Street/Monongahela River	2/28/2024	Inspection	0.001	0.1	Hydraulic Overload	0.39	Rain
026	Yes	Walnut Street/Monongahela River	2/27/2024	Inspection	0.036	0.5	Hydraulic Overload	0.17	Rain
026	Yes	Walnut Street/Monongahela River	2/28/2024	Inspection	0.036	0.5	Hydraulic Overload	0.39	Rain
027	Yes	Huey Street/Monongahela River	2/22/2024	Inspection	0.037	4	Hydraulic Overload	0.58	Rain
027	Yes	Huey Street/Monongahela River	2/28/2024	Inspection	0.022	2.3	Hydraulic Overload	0.39	Rain
028	Yes	Martin Street/Monongahela River	2/22/2024	Inspection	0.01	2	Hydraulic Overload	0.58	Rain
028	Yes	Martin Street/Monongahela River	2/28/2024	Inspection	0.01	2	Hydraulic Overload	0.39	Rain
029	No	Center Street/Monongahela River							
030	Yes	Evans Avenue/Monongahela River	2/27/2024	Inspection	0.028	0.5	Hydraulic Overload	0.17	Rain
030	Yes	Evans Avenue/Monongahela River	2/28/2024	Inspection	0.036	1	Hydraulic Overload	0.39	Rain
031	Yes	White Street/Monongahela River	2/22/2024	Inspection	0.274	6.3	Hydraulic Overload	0.58	Rain
031	Yes	White Street/Monongahela River	2/27/2024	Inspection	0.1	1.1	Hydraulic Overload	0.17	Rain
031	Yes	White Street/Monongahela River	2/28/2024	Inspection	0.146	3.4	Hydraulic Overload	0.39	Rain
032	Yes	Cliff Street/Crooked Run	2/27/2024	Inspection	0.034	0.7	Hydraulic Overload	0.17	Rain
032	Yes	Cliff Street/Crooked Run	2/28/2024	Inspection	0.073	1.3	Hydraulic Overload	0.39	Rain
033	Yes	Cliff Street/Crooked Run	2/27/2024	Inspection	0.027	0.8	Hydraulic Overload	0.17	Rain
033	Yes	Cliff Street/Crooked Run	2/28/2024	Inspection	0.105	1.6	Hydraulic Overload	0.39	Rain
PV-01	No	Port Vue CSO Outfall 1							
PV-02	No	Port Vue CSO Outfall 2							
PV-04	No	Port Vue CSO Outfall 4							
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 42		2.57	60			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - March 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	3/6/2024	Inspection	0.023	2.2	Hydraulic Overload	0.74	Rain
004	Yes	Rebecca Street/Monongahela River	3/9/2024	Inspection	0.354	7.8	Hydraulic Overload	1.1	Rain
004	Yes	Rebecca Street/Monongahela River	3/26/2024	Inspection	0.003	1.5	Hydraulic Overload	0.49	Rain
005	No	Erie Street/Monongahela River							
006	No	Ann Street/Monongahela River							
007	No	Dale Street/Monongahela River							
008	Yes	Perry Street/Monongahela River	3/6/1934	Inspection	0.002	0.4	Hydraulic Overload	0.74	Rain
008	Yes	Perry Street/Monongahela River	3/9/1934	Inspection	0.020	4.7	Hydraulic Overload	1.1	Rain
009	Yes	Windsor Street/ Monogahela River	3/5/2024	Inspection	0.007	0.7	Hydraulic Overload	0.2	Rain
009	Yes	Windsor Street/ Monogahela River	3/6/2024	Inspection	0.025	2	Hydraulic Overload	0.74	Rain
009	Yes	Windsor Street/ Monogahela River	3/9/2024	Inspection	0.049	6.6	Hydraulic Overload	1.1	Rain
009	Yes	Windsor Street/ Monogahela River	3/14/2024	Inspection	0.003	0.3	Hydraulic Overload	0.14	Rain
009	Yes	Windsor Street/ Monogahela River	3/30/2024	Inspection	0.002	0.3	Hydraulic Overload	0.14	Rain
010	Yes	Morgan Alley/Monogahela River	3/6/2024	Inspection	0.025	0.8	Hydraulic Overload	0.74	Rain
010	Yes	Morgan Alley/Monogahela River	3/9/2024	Inspection	0.005	0.6	Hydraulic Overload	1.1	Rain
012	Yes	Fourth Avenue/Youghiogheny River	3/6/2024	Inspection	0.002	0.3	Hydraulic Overload	0.74	Rain
012	Yes	Fourth Avenue/Youghiogheny River	3/9/2024	Inspection	0.131	4.9	Hydraulic Overload	1.1	Rain
013	Yes	Fifth Avenue/Youghiogheny River	3/5/2024	Inspection	0.006	0.2	Hydraulic Overload	0.2	Rain
013	Yes	Fifth Avenue/Youghiogheny River	3/6/2024	Inspection	0.017	0.7	Hydraulic Overload	0.74	Rain
013	Yes	Fifth Avenue/Youghiogheny River	3/9/2024	Inspection	0.333	7.7	Hydraulic Overload	1.1	Rain
014	Yes	Sixth Avenue/Youghiogheny River	3/6/2024	Inspection	0.012	0.7	Hydraulic Overload	0.74	Rain
014	Yes	Sixth Avenue/Youghiogheny River	3/9/2024	Inspection	0.373	4.8	Hydraulic Overload	1.1	Rain
015	Yes	Seventh Avenue/Youghiogheny River	3/6/2024	Inspection	0.012	2.7	Hydraulic Overload	0.74	Rain
015	Yes	Seventh Avenue/Youghiogheny River	3/9/2024	Inspection	0.270	4.3	Hydraulic Overload	1.1	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	3/5/2024	Inspection	0.046	0.4	Hydraulic Overload	0.2	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	3/6/2024	Inspection	0.122	1.2	Hydraulic Overload	0.74	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	3/9/2024	Inspection	0.787	8.2	Hydraulic Overload	1.1	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	3/6/2024	Inspection	0.009	4	Hydraulic Overload	0.74	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	3/9/2024	Inspection	0.030	5.2	Hydraulic Overload	1.1	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	3/26/2024	Inspection	0.012	3.3	Hydraulic Overload	0.49	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	3/2/2024	Inspection	0.052	0.9	Hydraulic Overload	0.24	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	3/5/2024	Inspection	0.151	1.3	Hydraulic Overload	0.2	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	3/6/2024	Inspection	0.147	2.6	Hydraulic Overload	0.74	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	3/9/2024	Inspection	1.903	12.5	Hydraulic Overload	1.1	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	3/14/2024	Inspection	0.036	0.3	Hydraulic Overload	0.14	Rain

021	Yes	Twelfth Avenue/Youghiogheny River	3/26/2024	Inspection	0.093	1.1	Hydraulic Overload	0.49	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	3/30/2024	Inspection	0.036	0.6	Hydraulic Overload	0.14	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	3/5/2024	Inspection	0.041	0.8	Hydraulic Overload	0.2	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	3/6/2024	Inspection	0.140	3.1	Hydraulic Overload	0.74	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	3/9/2024	Inspection	0.873	10.5	Hydraulic Overload	1.1	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	3/5/2024	Inspection	0.046	1.2	Hydraulic Overload	0.2	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	3/6/2024	Inspection	0.061	1.6	Hydraulic Overload	0.74	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	3/9/2024	Inspection	0.178	4.5	Hydraulic Overload	1.1	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	3/26/2024	Inspection	0.067	1.6	Hydraulic Overload	0.49	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/2/2024	Inspection	0.004	0.3	Hydraulic Overload	0.24	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/5/2024	Inspection	0.012	0.7	Hydraulic Overload	0.2	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/6/2024	Inspection	0.005	0.6	Hydraulic Overload	0.74	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/9/2024	Inspection	0.347	13	Hydraulic Overload	1.1	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/10/2024	Inspection	0.007	1.1	Hydraulic Overload	0.04	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/14/2024	Inspection	0.020	0.5	Hydraulic Overload	0.14	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/26/2024	Inspection	0.002	0.3	Hydraulic Overload	0.49	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	3/30/2024	Inspection	0.009	0.4	Hydraulic Overload	0.14	Rain
025	Yes	Walnut Street/Monongahela River	3/2/2024	Inspection	0.001	0.1	Hydraulic Overload	0.24	Rain
025	Yes	Walnut Street/Monongahela River	3/5/2024	Inspection	0.001	0.1	Hydraulic Overload	0.2	Rain
025	Yes	Walnut Street/Monongahela River	3/6/2024	Inspection	0.002	0.1	Hydraulic Overload	0.74	Rain
025	Yes	Walnut Street/Monongahela River	3/9/2024	Inspection	0.001	0.1	Hydraulic Overload	1.1	Rain
025	Yes	Walnut Street/Monongahela River	3/14/2024	Inspection	0.002	0.1	Hydraulic Overload	0.14	Rain
026	Yes	Walnut Street/Monongahela River	3/2/2024	Inspection	0.011	0.3	Hydraulic Overload	0.24	Rain
026	Yes	Walnut Street/Monongahela River	3/5/2024	Inspection	0.043	0.8	Hydraulic Overload	0.2	Rain
026	Yes	Walnut Street/Monongahela River	3/6/2024	Inspection	0.075	0.8	Hydraulic Overload	0.74	Rain
026	Yes	Walnut Street/Monongahela River	3/9/2024	Inspection	0.169	3.1	Hydraulic Overload	1.1	Rain
026	Yes	Walnut Street/Monongahela River	3/14/2024	Inspection	0.030	0.3	Hydraulic Overload	0.14	Rain
026	Yes	Walnut Street/Monongahela River	3/23/2024	Inspection	0.012	0.4	Hydraulic Overload	0.33	Rain
026	Yes	Walnut Street/Monongahela River	3/26/2024	Inspection	0.013	0.3	Hydraulic Overload	0.49	Rain
026	Yes	Walnut Street/Monongahela River	3/30/2024	Inspection	0.008	0.4	Hydraulic Overload	0.14	Rain
027	Yes	Huey Street/Monongahela River	3/6/2024	Inspection	0.063	4	Hydraulic Overload	0.74	Rain
027	Yes	Huey Street/Monongahela River	3/9/2024	Inspection	0.112	5.2	Hydraulic Overload	1.1	Rain
027	Yes	Huey Street/Monongahela River	3/14/2024	Inspection	0.003	0.3	Hydraulic Overload	0.14	Rain
028	Yes	Martin Street/Monongahela River	3/2/2024	Inspection	0.005	0.9	Hydraulic Overload	0.24	Rain
028	Yes	Martin Street/Monongahela River	3/5/2024	Inspection	0.025	1	Hydraulic Overload	0.2	Rain
028	Yes	Martin Street/Monongahela River	3/6/2024	Inspection	0.039	4.9	Hydraulic Overload	0.74	Rain
028	Yes	Martin Street/Monongahela River	3/9/2024	Inspection	0.136	12.8	Hydraulic Overload	1.1	Rain
028	Yes	Martin Street/Monongahela River	3/14/2024	Inspection	0.029	0.8	Hydraulic Overload	0.14	Rain
028	Yes	Martin Street/Monongahela River	3/23/2024	Inspection	0.013	2	Hydraulic Overload	0.33	Rain
028	Yes	Martin Street/Monongahela River	3/26/2024	Inspection	0.025	2.3	Hydraulic Overload	0.49	Rain
029	Yes	Center Street/Monongahela River	3/6/2024	Inspection	0.014	2.7	Hydraulic Overload	0.74	Rain
029	Yes	Center Street/Monongahela River	3/9/2024	Inspection	0.019	3	Hydraulic Overload	1.1	Rain
030	Yes	Evans Avenue/Monongahela River	3/2/2024	Inspection	0.007	0.3	Hydraulic Overload	0.24	Rain
030	Yes	Evans Avenue/Monongahela River	3/5/2024	Inspection	0.027	0.8	Hydraulic Overload	0.2	Rain
030	Yes	Evans Avenue/Monongahela River	3/6/2024	Inspection	0.037	1.3	Hydraulic Overload	0.74	Rain
030	Yes	Evans Avenue/Monongahela River	3/9/2024	Inspection	0.157	5.7	Hydraulic Overload	1.1	Rain

030	Yes	Evans Avenue/Monongahela River	3/14/2024	Inspection	0.017	0.3	Hydraulic Overload	0.14	Rain
030	Yes	Evans Avenue/Monongahela River	3/26/2024	Inspection	0.011	0.3	Hydraulic Overload	0.49	Rain
030	Yes	Evans Avenue/Monongahela River	3/30/2024	Inspection	0.012	0.3	Hydraulic Overload	0.14	Rain
031	Yes	White Street/Monongahela River	3/1/2024	Inspection	0.002	0.7	Hydraulic Overload	0.07	Rain
031	Yes	White Street/Monongahela River	3/2/2024	Inspection	0.072	3.1	Hydraulic Overload	0.24	Rain
031	Yes	White Street/Monongahela River	3/5/2024	Inspection	0.161	0.9	Hydraulic Overload	0.2	Rain
031	Yes	White Street/Monongahela River	3/6/2024	Inspection	0.505	4.6	Hydraulic Overload	0.74	Rain
031	Yes	White Street/Monongahela River	3/7/2024	Inspection	0.002	0.1	Hydraulic Overload		Previous Day Runoff
031	Yes	White Street/Monongahela River	3/9/2024	Inspection	1.240	17.8	Hydraulic Overload	1.1	Rain
031	Yes	White Street/Monongahela River	3/10/2024	Inspection	0.257	19.6	Hydraulic Overload	0.04	Rain
032	Yes	Cliff Street/Crooked Run	3/5/2024	Inspection	0.027	0.4	Hydraulic Overload	0.2	Rain
032	Yes	Cliff Street/Crooked Run	3/6/2024	Inspection	0.477	4.6	Hydraulic Overload	0.74	Rain
032	Yes	Cliff Street/Crooked Run	3/9/2024	Inspection	0.715	5.3	Hydraulic Overload	1.1	Rain
033	Yes	Cliff Street/Crooked Run	3/2/2024	Inspection	0.004	0.3	Hydraulic Overload	0.24	Rain
033	Yes	Cliff Street/Crooked Run	3/5/2024	Inspection	0.051	0.9	Hydraulic Overload	0.2	Rain
033	Yes	Cliff Street/Crooked Run	3/6/2024	Inspection	0.077	5.3	Hydraulic Overload	0.74	Rain
033	Yes	Cliff Street/Crooked Run	3/9/2024	Inspection	0.386	13.6	Hydraulic Overload	1.1	Rain
033	Yes	Cliff Street/Crooked Run	3/14/2024	Inspection	0.037	0.7	Hydraulic Overload	0.14	Rain
033	Yes	Cliff Street/Crooked Run	3/23/2024	Inspection	0.009	2.2	Hydraulic Overload	0.33	Rain
033	Yes	Cliff Street/Crooked Run	3/26/2024	Inspection	0.017	2	Hydraulic Overload	0.49	Rain
033	Yes	Cliff Street/Crooked Run	3/30/2024	Inspection	0.008	0.5	Hydraulic Overload	0.14	Rain
PV-01	No	Port Vue CSO Outfall 1							
PV-02	No	Port Vue CSO Outfall 2							
PV-04	No	Port Vue CSO Outfall 4							
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 99		12.076	274.4			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - April 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	4/1/2024	Inspection	0.037	6	Hydraulic Overload	0.84	Rain
004	Yes	Rebecca Street/Monongahela River	4/2/2024	Inspection	0.422	17	Hydraulic Overload	1.86	Rain
004	Yes	Rebecca Street/Monongahela River	4/3/2024	Inspection	0.660	11	Hydraulic Overload	1.48	Rain
004	Yes	Rebecca Street/Monongahela River	4/11/2024	Inspection	0.357	9	Hydraulic Overload	2	Rain
004	Yes	Rebecca Street/Monongahela River	4/17/2024	Inspection	0.013	0.8	Hydraulic Overload	0.19	Rain
004	Yes	Rebecca Street/Monongahela River	4/27/2024	Inspection	0.032	0.7	Hydraulic Overload	0.17	Rain
005	Yes	Erie Street/Monongahela River	4/3/2024	Inspection	0.001	0.2	Hydraulic Overload	1.48	Rain
005	Yes	Erie Street/Monongahela River	4/11/2024	Inspection	0.001	0.2	Hydraulic Overload	2	Rain
006	Yes	Ann Street/Monongahela River	4/2/2024	Inspection	0.002	0.5	Hydraulic Overload	1.86	Rain
006	Yes	Ann Street/Monongahela River	4/3/2024	Inspection	0.038	2.4	Hydraulic Overload	1.48	Rain
006	Yes	Ann Street/Monongahela River	4/11/2024	Inspection	0.048	2.3	Hydraulic Overload	2	Rain
007	Yes	Dale Street/Monongahela River	4/2/2024	Inspection	0.042	3.8	Hydraulic Overload	1.86	Rain
007	Yes	Dale Street/Monongahela River	4/3/2024	Inspection	0.115	6.7	Hydraulic Overload	1.48	Rain
007	Yes	Dale Street/Monongahela River	4/11/2024	Inspection	0.107	4.4	Hydraulic Overload	2	Rain
007	Yes	Dale Street/Monongahela River	4/12/2024	Inspection	0.003	1.4	Hydraulic Overload	0.38	Rain
008	Yes	Perry Street/Monongahela River	4/1/2024	Inspection	0.004	2	Hydraulic Overload	0.84	Rain
008	Yes	Perry Street/Monongahela River	4/2/2024	Inspection	0.069	7.3	Hydraulic Overload	1.86	Rain
008	Yes	Perry Street/Monongahela River	4/3/2024	Inspection	0.124	6.4	Hydraulic Overload	1.48	Rain
008	Yes	Perry Street/Monongahela River	4/10/2024	Inspection	0.001	0.6	Hydraulic Overload	0.22	Rain
008	Yes	Perry Street/Monongahela River	4/11/2024	Inspection	0.215	7.3	Hydraulic Overload	2	Rain
008	Yes	Perry Street/Monongahela River	4/12/2024	Inspection	0.040	13.6	Hydraulic Overload	0.38	Rain
008	Yes	Perry Street/Monongahela River	4/15/2024	Inspection	0.001	0.5	Hydraulic Overload	0.13	Rain
008	Yes	Perry Street/Monongahela River	4/17/2024	Inspection	0.002	0.8	Hydraulic Overload	0.19	Rain
008	Yes	Perry Street/Monongahela River	4/27/2024	Inspection	0.003	0.5	Hydraulic Overload	0.17	Rain
009	Yes	Windsor Street/ Monogahela River	4/1/2024	Inspection	0.024	4	Hydraulic Overload	0.84	Rain
009	Yes	Windsor Street/ Monogahela River	4/2/2024	Inspection	0.103	12	Hydraulic Overload	1.86	Rain
009	Yes	Windsor Street/ Monogahela River	4/3/2024	Inspection	0.170	9	Hydraulic Overload	1.48	Rain
009	Yes	Windsor Street/ Monogahela River	4/10/2024	Inspection	0.001	0.2	Hydraulic Overload	0.22	Rain
009	Yes	Windsor Street/ Monogahela River	4/11/2024	Inspection	0.165	6	Hydraulic Overload	2	Rain
009	Yes	Windsor Street/ Monogahela River	4/12/2024	Inspection	0.083	6	Hydraulic Overload	0.38	Rain
009	Yes	Windsor Street/ Monogahela River	4/15/2024	Inspection	0.002	0.2	Hydraulic Overload	0.13	Rain
009	Yes	Windsor Street/ Monogahela River	4/17/2024	Inspection	0.006	0.4	Hydraulic Overload	0.19	Rain
009	Yes	Windsor Street/ Monogahela River	4/27/2024	Inspection	0.003	0.3	Hydraulic Overload	0.17	Rain
010	Yes	Morgan Alley/Monogahela River	4/1/2024	Inspection	0.004	0.5	Hydraulic Overload	0.84	Rain
010	Yes	Morgan Alley/Monogahela River	4/2/2024	Inspection	0.059	4.3	Hydraulic Overload	1.86	Rain
010	Yes	Morgan Alley/Monogahela River	4/3/2024	Inspection	0.131	9.3	Hydraulic Overload	1.48	Rain
010	Yes	Morgan Alley/Monogahela River	4/11/2024	Inspection	0.072	3.3	Hydraulic Overload	2	Rain
010	Yes	Morgan Alley/Monogahela River	4/27/2024	Inspection	0.002	0.3	Hydraulic Overload	0.17	Rain
012	Yes	Fourth Avenue/Youghioghney River	4/1/2024	Inspection	0.002	0.4	Hydraulic Overload	0.84	Rain
012	Yes	Fourth Avenue/Youghioghney River	4/2/2024	Inspection	0.163	3.6	Hydraulic Overload	1.86	Rain
012	Yes	Fourth Avenue/Youghioghney River	4/3/2024	Inspection	0.473	5.3	Hydraulic Overload	1.48	Rain
012	Yes	Fourth Avenue/Youghioghney River	4/11/2024	Inspection	0.087	2.3	Hydraulic Overload	2	Rain
013	Yes	Fifth Avenue/Youghioghney River	4/1/2024	Inspection	0.216	6.1	Hydraulic Overload	0.84	Rain

013	Yes	Fifth Avenue/Youghiogheny River	4/2/2024	Inspection	0.199	3.4	Hydraulic Overload	1.86	Rain
013	Yes	Fifth Avenue/Youghiogheny River	4/3/2024	Inspection	0.115	1.9	Hydraulic Overload	1.48	Rain
013	Yes	Fifth Avenue/Youghiogheny River	4/11/2024	Inspection	0.008	0.5	Hydraulic Overload	2	Rain
014	Yes	Sixth Avenue/Youghiogheny River	4/1/2024	Inspection	0.021	1.4	Hydraulic Overload	0.84	Rain
014	Yes	Sixth Avenue/Youghiogheny River	4/2/2024	Inspection	0.418	3.1	Hydraulic Overload	1.86	Rain
014	Yes	Sixth Avenue/Youghiogheny River	4/3/2024	Inspection	0.404	2.8	Hydraulic Overload	1.48	Rain
014	Yes	Sixth Avenue/Youghiogheny River	4/11/2024	Inspection	0.195	2.8	Hydraulic Overload	2	Rain
015	Yes	Seventh Avenue/Youghiogheny River	4/1/2024	Inspection	0.008	1.5	Hydraulic Overload	0.84	Rain
015	Yes	Seventh Avenue/Youghiogheny River	4/2/2024	Inspection	0.058	3	Hydraulic Overload	1.86	Rain
015	Yes	Seventh Avenue/Youghiogheny River	4/3/2024	Inspection	0.084	2.6	Hydraulic Overload	1.48	Rain
015	Yes	Seventh Avenue/Youghiogheny River	4/11/2024	Inspection	0.005	0.2	Hydraulic Overload	2	Rain
015	Yes	Seventh Avenue/Youghiogheny River	4/17/2024	Inspection	0.001	0.1	Hydraulic Overload	0.19	Rain
015	Yes	Seventh Avenue/Youghiogheny River	4/27/2024	Inspection	0.004	0.3	Hydraulic Overload	0.17	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	4/1/2024	Inspection	0.060	0.8	Hydraulic Overload	0.84	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	4/2/2024	Inspection	0.240	1.9	Hydraulic Overload	1.86	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	4/3/2024	Inspection	0.187	4	Hydraulic Overload	1.48	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	4/11/2024	Inspection	0.257	6	Hydraulic Overload	2	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	4/1/2024	Inspection	0.036	4	Hydraulic Overload	0.84	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	4/2/2024	Inspection	0.124	6	Hydraulic Overload	1.86	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	4/3/2024	Inspection	0.112	6.8	Hydraulic Overload	1.48	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	4/11/2024	Inspection	0.160	0.16	Hydraulic Overload	2	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/1/2024	Inspection	0.300	7	Hydraulic Overload	0.84	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/2/2024	Inspection	1.773	20.1	Hydraulic Overload	1.86	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/3/2024	Inspection	1.023	2.4	Hydraulic Overload	1.48	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/11/2024	Inspection	1.590	10.3	Hydraulic Overload	2	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/12/2024	Inspection	0.433	8.2	Hydraulic Overload	0.38	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/17/2024	Inspection	0.020	0.9	Hydraulic Overload	0.19	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	4/27/2024	Inspection	0.016	0.4	Hydraulic Overload	0.17	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	4/1/2024	Inspection	0.203	3.8	Hydraulic Overload	0.84	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	4/2/2024	Inspection	0.987	14.6	Hydraulic Overload	1.86	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	4/11/2024	Inspection	0.624	5.3	Hydraulic Overload	2	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	4/12/2024	Inspection	0.572	8.7	Hydraulic Overload	0.38	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	4/1/2024	Inspection	0.025	1.2	Hydraulic Overload	0.84	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	4/2/2024	Inspection	0.072	5.8	Hydraulic Overload	1.86	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	4/3/2024	Inspection	0.001	0.3	Hydraulic Overload	1.48	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	4/11/2024	Inspection	0.029	2.3	Hydraulic Overload	2	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/1/2024	Inspection	0.128	5.6	Hydraulic Overload	0.84	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/2/2024	Inspection	0.860	17.4	Hydraulic Overload	1.86	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/3/2024	Inspection	0.057	0.6	Hydraulic Overload	1.48	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/11/2024	Inspection	0.443	6.3	Hydraulic Overload	2	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/12/2024	Inspection	0.038	0.5	Hydraulic Overload	0.38	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/15/2024	Inspection	0.003	0.3	Hydraulic Overload	0.13	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/17/2024	Inspection	0.015	0.6	Hydraulic Overload	0.19	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	4/27/2024	Inspection	0.010	0.4	Hydraulic Overload	0.17	Rain
025	Yes	Walnut Street/Monongahela River	4/1/2024	Inspection	0.004	0.4	Hydraulic Overload	0.84	Rain
025	Yes	Walnut Street/Monongahela River	4/2/2024	Inspection	0.109	2	Hydraulic Overload	1.86	Rain
025	Yes	Walnut Street/Monongahela River	4/3/2024	Inspection	0.367	6.3	Hydraulic Overload	1.48	Rain
025	Yes	Walnut Street/Monongahela River	4/10/2024	Inspection	0.002	0.2	Hydraulic Overload	0.22	Rain
025	Yes	Walnut Street/Monongahela River	4/11/2024	Inspection	0.178	2.4	Hydraulic Overload	2	Rain

026	Yes	Walnut Street/Monongahela River	4/1/2024	Inspection	0.193	2	Hydraulic Overload	0.84	Rain
026	Yes	Walnut Street/Monongahela River	4/2/2024	Inspection	0.903	5.6	Hydraulic Overload	1.86	Rain
026	Yes	Walnut Street/Monongahela River	4/3/2024	Inspection	0.811	2.8	Hydraulic Overload	1.48	Rain
026	Yes	Walnut Street/Monongahela River	4/11/2024	Inspection	1.332	4.3	Hydraulic Overload	2	Rain
026	Yes	Walnut Street/Monongahela River	4/15/2024	Inspection	0.026	0.2	Hydraulic Overload	0.13	Rain
026	Yes	Walnut Street/Monongahela River	4/17/2024	Inspection	0.020	0.3	Hydraulic Overload	0.19	Rain
026	Yes	Walnut Street/Monongahela River	4/27/2024	Inspection	0.032	0.3	Hydraulic Overload	17	Rain
027	Yes	Huey Street/Monongahela River	4/2/2024	Inspection	0.004	0.7	Hydraulic Overload	1.86	Rain
027	Yes	Huey Street/Monongahela River	4/3/2024	Inspection	0.002	0.2	Hydraulic Overload	1.48	Rain
027	Yes	Huey Street/Monongahela River	4/11/2024	Inspection	0.005	0.3	Hydraulic Overload	2	Rain
027	Yes	Huey Street/Monongahela River	4/27/2024	Inspection	0.001	0.2	Hydraulic Overload	0.17	Rain
028	Yes	Martin Street/Monongahela River	4/1/2024	Inspection	0.123	2.8	Hydraulic Overload	0.84	Rain
028	Yes	Martin Street/Monongahela River	4/2/2024	Inspection	0.292	6.4	Hydraulic Overload	1.86	Rain
028	Yes	Martin Street/Monongahela River	4/3/2024	Inspection	0.173	2.8	Hydraulic Overload	1.48	Rain
028	Yes	Martin Street/Monongahela River	4/10/2024	Inspection	0.005	0.5	Hydraulic Overload	0.22	Rain
028	Yes	Martin Street/Monongahela River	4/11/2024	Inspection	0.232	4.6	Hydraulic Overload	2	Rain
028	Yes	Martin Street/Monongahela River	4/15/2024	Inspection	0.007	0.5	Hydraulic Overload	0.13	Rain
028	Yes	Martin Street/Monongahela River	4/17/2024	Inspection	0.017	1	Hydraulic Overload	0.19	Rain
029	Yes	Center Street/Monongahela River	4/1/2024	Inspection	0.001	0.3	Hydraulic Overload	0.84	Rain
029	Yes	Center Street/Monongahela River	4/2/2024	Inspection	0.017	2.5	Hydraulic Overload	1.86	Rain
029	Yes	Center Street/Monongahela River	4/3/2024	Inspection	0.020	2.4	Hydraulic Overload	1.48	Rain
029	Yes	Center Street/Monongahela River	4/11/2024	Inspection	0.036	1.7	Hydraulic Overload	2	Rain
030	Yes	Evans Avenue/Monongahela River	4/1/2024	Inspection	0.226	4	Hydraulic Overload	0.84	Rain
030	Yes	Evans Avenue/Monongahela River	4/2/2024	Inspection	0.302	6	Hydraulic Overload	1.86	Rain
030	Yes	Evans Avenue/Monongahela River	4/3/2024	Inspection	0.236	3	Hydraulic Overload	1.48	Rain
030	Yes	Evans Avenue/Monongahela River	4/12/2024	Inspection	0.215	4.3	Hydraulic Overload	0.38	Rain
031	Yes	White Street/Monongahela River	4/2/2024	Inspection	2.419	20.2	Hydraulic Overload	1.86	Rain
031	Yes	White Street/Monongahela River	4/3/2024	Inspection	0.152	0.5	Hydraulic Overload	1.48	Rain
031	Yes	White Street/Monongahela River	4/11/2024	Inspection	0.052	0.3	Hydraulic Overload	2	Rain
032	Yes	Cliff Street/Crooked Run	4/1/2024	Inspection	0.952	5.4	Hydraulic Overload	0.84	Rain
032	Yes	Cliff Street/Crooked Run	4/2/2024	Inspection	9.705	19.6	Hydraulic Overload	1.86	Rain
032	Yes	Cliff Street/Crooked Run	4/3/2024	Inspection	2.270	4.8	Hydraulic Overload	1.48	Rain
032	Yes	Cliff Street/Crooked Run	4/11/2024	Inspection	3.539	8.6	Hydraulic Overload	2	Rain
032	Yes	Cliff Street/Crooked Run	4/12/2024	Inspection	2.131	3	Hydraulic Overload	0.38	Rain
032	Yes	Cliff Street/Crooked Run	4/16/2024	Inspection	0.720	3.5	Malfunction		Mechanical Seal #2 Pump Fail
032	Yes	Cliff Street/Crooked Run	4/17/2024	Inspection	0.237	1.5	Hydraulic Overload	0.19	Rain
033	Yes	Cliff Street/Crooked Run	4/1/2024	Inspection	0.249	4.8	Hydraulic Overload	0.84	Rain
033	Yes	Cliff Street/Crooked Run	4/2/2024	Inspection	0.825	16.3	Hydraulic Overload	1.86	Rain
033	Yes	Cliff Street/Crooked Run	4/10/2024	Inspection	0.038	0.4	Hydraulic Overload	0.22	Rain
033	Yes	Cliff Street/Crooked Run	4/11/2024	Inspection	0.471	9	Hydraulic Overload	2	Rain
033	Yes	Cliff Street/Crooked Run	4/15/2024	Inspection	0.008	0.3	Hydraulic Overload	0.13	Rain
033	Yes	Cliff Street/Crooked Run	4/16/2024	Inspection	0.192	4.1	Malfunction		Mechanical Seal #2 Pump Fail
033	Yes	Cliff Street/Crooked Run	4/17/2024	Inspection	0.030	1	Hydraulic Overload	0.19	Rain
033	Yes	Cliff Street/Crooked Run	4/27/2024	Inspection	0.023	0.5	Hydraulic Overload	0.17	Rain
PV-01	Yes	Port Vue CSO Outfall 1	4/2/2024	Inspection	0.611	10.9	Hydraulic Overload	1.86	Rain
PV-01	Yes	Port Vue CSO Outfall 1	4/3/2024	Inspection	0.590	5.3	Hydraulic Overload	1.48	Rain
PV-01	Yes	Port Vue CSO Outfall 1	4/5/2024	Inspection	0.305	8.9	Hydraulic Overload	0.11	Rain
PV-01	Yes	Port Vue CSO Outfall 1	4/11/2024	Inspection	0.399	4	Hydraulic Overload	2	Rain
PV-01	Yes	Port Vue CSO Outfall 1	4/12/2024	Inspection	0.643	11.2	Hydraulic Overload	0.38	Rain

PV-02	Yes	Port Vue CSO Outfall 2	4/1/2024	Inspection	0.258	2.8	Hydraulic Overload	0.84	Rain
PV-02	Yes	Port Vue CSO Outfall 2	4/2/2024	Inspection	1.945	14.3	Hydraulic Overload	1.86	Rain
PV-02	Yes	Port Vue CSO Outfall 2	4/3/2024	Inspection	0.669	6.6	Hydraulic Overload	1.48	Rain
PV-02	Yes	Port Vue CSO Outfall 2	4/11/2024	Inspection	0.090	0.9	Hydraulic Overload	2	Rain
PV-02	Yes	Port Vue CSO Outfall 2	4/12/2024	Inspection	0.167	2	Hydraulic Overload	0.38	Rain
PV-02	Yes	Port Vue CSO Outfall 2	4/13/2024	Inspection	0.005	0.1	Hydraulic Overload	0.01	Rain
PV-04	Yes	Port Vue CSO Outfall 4	4/2/2024	Inspection	0.008	2.2	Hydraulic Overload	1.86	Rain
PV-04	Yes	Port Vue CSO Outfall 4	4/3/2024	Inspection	0.121	23.2	Hydraulic Overload	1.48	Rain
PV-04	Yes	Port Vue CSO Outfall 4	4/11/2024	Inspection	0.048	4.3	Hydraulic Overload	2	Rain
PV-04	Yes	Port Vue CSO Outfall 4	4/12/2024	Inspection	0.003	0.8	Hydraulic Overload	0.38	Rain
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 151		51.787	627.46			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - May 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	5/4/2024	Inspection	0.007	0.9	Hydraulic Overload	0.39	Rain
004	Yes	Rebecca Street/Monongahela River	5/5/2024	Inspection	0.066	1.8	Hydraulic Overload	0.58	Rain
004	Yes	Rebecca Street/Monongahela River	5/9/2024	Inspection	0.062	2.2	Hydraulic Overload	0.63	Rain
004	Yes	Rebecca Street/Monongahela River	5/11/2024	Inspection	0.064	6.5	Hydraulic Overload	0.41	Rain
004	Yes	Rebecca Street/Monongahela River	5/15/2024	Inspection	0.013	0.9	Hydraulic Overload	0.34	Rain
004	Yes	Rebecca Street/Monongahela River	5/17/2024	Inspection	0.090	4.6	Hydraulic Overload	0.83	Rain
004	Yes	Rebecca Street/Monongahela River	5/18/2024	Inspection	0.030	2.4	Hydraulic Overload	0.25	Rain
004	Yes	Rebecca Street/Monongahela River	5/23/2024	Inspection	0.001	0.1	Hydraulic Overload	0.13	Rain
004	Yes	Rebecca Street/Monongahela River	5/26/2024	Inspection	0.023	0.9	Hydraulic Overload	0.29	Rain
004	Yes	Rebecca Street/Monongahela River	5/28/2024	Inspection	0.004	0.5	Hydraulic Overload	0.2	Rain
004	Yes	Rebecca Street/Monongahela River	5/29/2024	Inspection	0.002	0.3	Hydraulic Overload	0.15	Rain
005	Yes	Erie Street/Monongahela River	5/8/2024	Inspection	0.001	0.2	Hydraulic Overload	0.66	Rain
005	Yes	Erie Street/Monongahela River	5/17/2024	Inspection	0.001	0.2	Hydraulic Overload	0.83	Rain
006	Yes	Ann Street/Monongahela River	5/5/2024	Inspection	0.008	0.3	Hydraulic Overload	0.58	Rain
006	Yes	Ann Street/Monongahela River	5/8/2024	Inspection	0.026	0.3	Hydraulic Overload	0.66	Rain
006	Yes	Ann Street/Monongahela River	5/9/2024	Inspection	0.000	0.1	Hydraulic Overload	0.63	Rain - Volume under 1; Skipped
006	Yes	Ann Street/Monongahela River	5/17/2024	Inspection	0.006	0.3	Hydraulic Overload	0.83	Rain
006	Yes	Ann Street/Monongahela River	5/26/2024	Inspection	0.002	0.1	Hydraulic Overload	0.29	Rain
007	Yes	Dale Street/Monongahela River	5/5/2024	Inspection	0.017	0.5	Hydraulic Overload	0.58	Rain
007	Yes	Dale Street/Monongahela River	5/8/2024	Inspection	0.026	0.8	Hydraulic Overload	0.66	Rain
007	Yes	Dale Street/Monongahela River	5/9/2024	Inspection	0.011	0.7	Hydraulic Overload	0.63	Rain
007	Yes	Dale Street/Monongahela River	5/11/2024	Inspection	0.003	0.3	Hydraulic Overload	0.41	Rain
007	Yes	Dale Street/Monongahela River	5/15/2024	Inspection	0.000	0.1	Hydraulic Overload	0.34	Rain - Volume under 1; Skipped
007	Yes	Dale Street/Monongahela River	5/17/2024	Inspection	0.018	0.6	Hydraulic Overload	0.83	Rain
007	Yes	Dale Street/Monongahela River	5/26/2024	Inspection	0.011	1	Hydraulic Overload	0.29	Rain
008	Yes	Perry Street/Monongahela River	5/4/2024	Inspection	0.001	0.2	Hydraulic Overload	0.39	Rain
008	Yes	Perry Street/Monongahela River	5/5/2024	Inspection	0.038	1.2	Hydraulic Overload	0.58	Rain
008	Yes	Perry Street/Monongahela River	5/8/2024	Inspection	0.051	1.3	Hydraulic Overload	0.66	Rain
008	Yes	Perry Street/Monongahela River	5/9/2024	Inspection	0.024	1.1	Hydraulic Overload	0.63	Rain
008	Yes	Perry Street/Monongahela River	5/11/2024	Inspection	0.012	1.1	Hydraulic Overload	0.41	Rain
008	Yes	Perry Street/Monongahela River	5/15/2024	Inspection	0.005	0.4	Hydraulic Overload	0.34	Rain
008	Yes	Perry Street/Monongahela River	5/17/2024	Inspection	0.036	0.8	Hydraulic Overload	0.83	Rain
008	Yes	Perry Street/Monongahela River	5/26/2024	Inspection	0.024	1.2	Hydraulic Overload	0.29	Rain
009	Yes	Windsor Street/ Monogahela River	5/4/2024	Inspection	0.001	0.1	Hydraulic Overload	0.39	Rain
009	Yes	Windsor Street/ Monogahela River	5/5/2024	Inspection	0.072	1.5	Hydraulic Overload	0.58	Rain
009	Yes	Windsor Street/ Monogahela River	5/8/2024	Inspection	0.102	1.2	Hydraulic Overload	0.66	Rain
009	Yes	Windsor Street/ Monogahela River	5/9/2024	Inspection	0.039	1.5	Hydraulic Overload	0.63	Rain
009	Yes	Windsor Street/ Monogahela River	5/11/2024	Inspection	0.036	1.5	Hydraulic Overload	0.41	Rain
009	Yes	Windsor Street/ Monogahela River	5/15/2024	Inspection	0.026	0.8	Hydraulic Overload	0.34	Rain
009	Yes	Windsor Street/ Monogahela River	5/17/2024	Inspection	0.102	1.6	Hydraulic Overload	0.83	Rain
009	Yes	Windsor Street/ Monogahela River	5/18/2024	Inspection	0.001	0.2	Hydraulic Overload	0.25	Rain
009	Yes	Windsor Street/ Monogahela River	5/26/2024	Inspection	0.046	0.8	Hydraulic Overload	0.29	Rain
009	Yes	Windsor Street/ Monogahela River	5/28/2024	Inspection	0.002	0.3	Hydraulic Overload	0.2	Rain

010	Yes	Morgan Alley/Monogahela River	5/5/2024	Inspection	0.060	0.8	Hydraulic Overload	0.58	Rain
010	Yes	Morgan Alley/Monogahela River	5/8/2024	Inspection	0.061	0.9	Hydraulic Overload	0.66	Rain
010	Yes	Morgan Alley/Monogahela River	5/9/2024	Inspection	0.052	1.3	Hydraulic Overload	0.63	Rain
010	Yes	Morgan Alley/Monogahela River	5/11/2024	Inspection	0.024	1.1	Hydraulic Overload	0.41	Rain
010	Yes	Morgan Alley/Monogahela River	5/15/2024	Inspection	0.010	0.8	Hydraulic Overload	0.34	Rain
010	Yes	Morgan Alley/Monogahela River	5/17/2024	Inspection	0.050	0.8	Hydraulic Overload	0.83	Rain
010	Yes	Morgan Alley/Monogahela River	5/26/2024	Inspection	0.028	0.5	Hydraulic Overload	0.29	Rain
012	Yes	Fourth Avenue/Youghiogheny River	5/5/2024	Inspection	0.033	0.7	Hydraulic Overload	0.58	Rain
012	Yes	Fourth Avenue/Youghiogheny River	5/8/2024	Inspection	0.052	1	Hydraulic Overload	0.66	Rain
012	Yes	Fourth Avenue/Youghiogheny River	5/9/2024	Inspection	0.011	0.4	Hydraulic Overload	0.63	Rain
012	Yes	Fourth Avenue/Youghiogheny River	5/15/2024	Inspection	0.001	0.1	Hydraulic Overload	0.34	Rain
012	Yes	Fourth Avenue/Youghiogheny River	5/17/2024	Inspection	0.022	0.3	Hydraulic Overload	0.83	Rain
012	Yes	Fourth Avenue/Youghiogheny River	5/26/2024	Inspection	0.005	0.2	Hydraulic Overload	0.29	Rain
013	Yes	Fifth Avenue/Youghiogheny River	5/5/2024	Inspection	0.004	0.8	Hydraulic Overload	0.58	Rain
013	Yes	Fifth Avenue/Youghiogheny River	5/8/2024	Inspection	0.000	0.1	Hydraulic Overload	0.66	Rain
013	Yes	Fifth Avenue/Youghiogheny River	5/17/2024	Inspection	0.002	0.3	Hydraulic Overload	0.83	Rain
014	Yes	Sixth Avenue/Youghiogheny River	5/5/2024	Inspection	0.052	1.3	Hydraulic Overload	0.58	Rain
014	Yes	Sixth Avenue/Youghiogheny River	5/8/2024	Inspection	0.108	1.3	Hydraulic Overload	0.66	Rain
014	Yes	Sixth Avenue/Youghiogheny River	5/9/2024	Inspection	0.013	0.3	Hydraulic Overload	0.63	Rain
014	Yes	Sixth Avenue/Youghiogheny River	5/17/2024	Inspection	0.019	0.4	Hydraulic Overload	0.83	Rain
014	Yes	Sixth Avenue/Youghiogheny River	5/26/2024	Inspection	0.014	0.4	Hydraulic Overload	0.29	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/5/2024	Inspection	0.024	0.6	Hydraulic Overload	0.58	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/8/2024	Inspection	0.026	0.8	Hydraulic Overload	0.66	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/9/2024	Inspection	0.022	0.8	Hydraulic Overload	0.63	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/11/2024	Inspection	0.017	1.2	Hydraulic Overload	0.41	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/15/2024	Inspection	0.013	0.7	Hydraulic Overload	0.34	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/17/2024	Inspection	0.021	0.6	Hydraulic Overload	0.83	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/26/2024	Inspection	0.009	0.4	Hydraulic Overload	0.29	Rain
015	Yes	Seventh Avenue/Youghiogheny River	5/29/2024	Inspection	0.005	0.3	Hydraulic Overload	0.15	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/5/2024	Inspection	0.056	4	Hydraulic Overload	0.58	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/8/2024	Inspection	0.055	5.3	Hydraulic Overload	0.66	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/9/2024	Inspection	0.065	5.2	Hydraulic Overload	0.63	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/11/2024	Inspection	0.040	1.1	Hydraulic Overload	0.41	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/15/2024	Inspection	0.015	0.4	Hydraulic Overload	0.34	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/17/2024	Inspection	0.033	0.6	Hydraulic Overload	0.83	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	5/26/2024	Inspection	0.011	0.3	Hydraulic Overload	0.29	Rain
020	Yes	Eleventh Avenue/Youghiogheny River	5/8/2024	Inspection	0.016	0.8	Hydraulic Overload	0.66	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/4/2024	Inspection	0.009	0.6	Hydraulic Overload	0.39	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/5/2024	Inspection	0.321	1.5	Hydraulic Overload	0.58	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/8/2024	Inspection	0.294	1.5	Hydraulic Overload	0.66	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/9/2024	Inspection	0.084	0.8	Hydraulic Overload	0.63	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/11/2024	Inspection	0.064	0.8	Hydraulic Overload	0.41	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/15/2024	Inspection	0.066	0.5	Hydraulic Overload	0.34	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/17/2024	Inspection	0.150	0.7	Hydraulic Overload	0.83	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/26/2024	Inspection	0.042	0.4	Hydraulic Overload	0.29	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/28/2024	Inspection	0.004	0.3	Hydraulic Overload	0.2	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	5/29/2024	Inspection	0.013	0.3	Hydraulic Overload	0.15	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	5/5/2024	Inspection	0.152	1.8	Hydraulic Overload	0.58	Rain

022	Yes	Thirteenth Avenue/Youghiogheny River	5/8/2024	Inspection	0.188	2	Hydraulic Overload	0.66	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	5/9/2024	Inspection	0.065	1.5	Hydraulic Overload	0.63	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	5/11/2024	Inspection	0.078	1.5	Hydraulic Overload	0.41	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	5/15/2024	Inspection	0.001	0.1	Hydraulic Overload	0.34	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	5/17/2024	Inspection	0.116	1.8	Hydraulic Overload	0.83	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/5/2024	Inspection	0.259	0.7	Hydraulic Overload	0.58	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/8/2024	Inspection	0.172	0.7	Hydraulic Overload	0.66	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/9/2024	Inspection	0.037	1	Hydraulic Overload	0.63	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/11/2024	Inspection	0.075	1.3	Hydraulic Overload	0.41	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/15/2024	Inspection	0.012	0.6	Hydraulic Overload	0.34	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/17/2024	Inspection	0.303	0.9	Hydraulic Overload	0.83	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/18/2024	Inspection	0.001	0.2	Hydraulic Overload	0.25	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	5/26/2024	Inspection	0.049	0.6	Hydraulic Overload	0.29	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/4/2024	Inspection	0.001	0.2	Hydraulic Overload	0.39	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/5/2024	Inspection	0.107	2.6	Hydraulic Overload	0.58	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/8/2024	Inspection	0.116	3.8	Hydraulic Overload	0.66	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/9/2024	Inspection	0.088	3.3	Hydraulic Overload	0.63	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/11/2024	Inspection	0.107	3.2	Hydraulic Overload	0.41	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/15/2024	Inspection	0.108	0.6	Hydraulic Overload	0.34	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/17/2024	Inspection	0.069	2	Hydraulic Overload	0.83	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/18/2024	Inspection	0.005	0.5	Hydraulic Overload	0.25	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/26/2024	Inspection	0.035	0.8	Hydraulic Overload	0.29	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/28/2024	Inspection	0.004	0.4	Hydraulic Overload	0.2	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	5/29/2024	Inspection	0.004	0.3	Hydraulic Overload	0.15	Rain
025	Yes	Walnut Street/Monongahela River	5/5/2024	Inspection	0.059	0.5	Hydraulic Overload	0.58	Rain
025	Yes	Walnut Street/Monongahela River	5/8/2024	Inspection	0.095	0.8	Hydraulic Overload	0.66	Rain
025	Yes	Walnut Street/Monongahela River	5/9/2024	Inspection	0.014	0.5	Hydraulic Overload	0.63	Rain
025	Yes	Walnut Street/Monongahela River	5/11/2024	Inspection	0.005	0.8	Hydraulic Overload	0.41	Rain
025	Yes	Walnut Street/Monongahela River	5/15/2024	Inspection	0.015	0.3	Hydraulic Overload	0.34	Rain
025	Yes	Walnut Street/Monongahela River	5/17/2024	Inspection	0.034	0.3	Hydraulic Overload	0.83	Rain
026	Yes	Walnut Street/Monongahela River	5/4/2024	Inspection	0.018	0.3	Hydraulic Overload	0.39	Rain
026	Yes	Walnut Street/Monongahela River	5/5/2024	Inspection	0.367	0.5	Hydraulic Overload	0.58	Rain
026	Yes	Walnut Street/Monongahela River	5/8/2024	Inspection	0.568	0.8	Hydraulic Overload	0.66	Rain
026	Yes	Walnut Street/Monongahela River	5/9/2024	Inspection	0.070	0.4	Hydraulic Overload	0.63	Rain
026	Yes	Walnut Street/Monongahela River	5/11/2024	Inspection	0.112	0.9	Hydraulic Overload	0.41	Rain
026	Yes	Walnut Street/Monongahela River	5/15/2024	Inspection	0.244	0.8	Hydraulic Overload	0.34	Rain
026	Yes	Walnut Street/Monongahela River	5/17/2024	Inspection	0.260	0.4	Hydraulic Overload	0.83	Rain
026	Yes	Walnut Street/Monongahela River	5/26/2024	Inspection	0.111	0.4	Hydraulic Overload	0.29	Rain
026	Yes	Walnut Street/Monongahela River	5/28/2024	Inspection	0.005	0.3	Hydraulic Overload	0.2	Rain
026	Yes	Walnut Street/Monongahela River	5/29/2024	Inspection	0.015	0.3	Hydraulic Overload	0.15	Rain
027	Yes	Huey Street/Monongahela River	5/5/2024	Inspection	0.095	0.4	Hydraulic Overload	0.58	Rain
027	Yes	Huey Street/Monongahela River	5/8/2024	Inspection	0.019	0.3	Hydraulic Overload	0.66	Rain
027	Yes	Huey Street/Monongahela River	5/17/2024	Inspection	0.102	3.3	Hydraulic Overload	0.83	Rain
028	Yes	Martin Street/Monongahela River	5/4/2024	Inspection	0.010	1.5	Hydraulic Overload	0.39	Rain
028	Yes	Martin Street/Monongahela River	5/5/2024	Inspection	0.071	1.5	Hydraulic Overload	0.58	Rain
028	Yes	Martin Street/Monongahela River	5/8/2024	Inspection	0.087	1.4	Hydraulic Overload	0.66	Rain
028	Yes	Martin Street/Monongahela River	5/9/2024	Inspection	0.055	2.2	Hydraulic Overload	0.63	Rain
028	Yes	Martin Street/Monongahela River	5/11/2024	Inspection	0.039	2	Hydraulic Overload	0.41	Rain
028	Yes	Martin Street/Monongahela River	5/15/2024	Inspection	0.033	1.2	Hydraulic Overload	0.34	Rain
028	Yes	Martin Street/Monongahela River	5/17/2024	Inspection	0.070	2	Hydraulic Overload	0.83	Rain

028	Yes	Martin Street/Monongahela River	5/18/2024	Inspection	0.016	1.9	Hydraulic Overload	0.25	Rain
028	Yes	Martin Street/Monongahela River	5/23/2024	Inspection	0.001	0.3	Hydraulic Overload	0.13	Rain
028	Yes	Martin Street/Monongahela River	5/29/2024	Inspection	0.031	1.3	Hydraulic Overload	0.29	Rain
029	Yes	Center Street/Monongahela River	5/5/2024	Inspection	0.026	0.7	Hydraulic Overload	0.58	Rain
029	Yes	Center Street/Monongahela River	5/8/2024	Inspection	0.035	0.8	Hydraulic Overload	0.66	Rain
029	Yes	Center Street/Monongahela River	5/9/2024	Inspection	0.008	0.7	Hydraulic Overload	0.63	Rain
029	Yes	Center Street/Monongahela River	5/11/2024	Inspection	0.002	0.3	Hydraulic Overload	0.41	Rain
029	Yes	Center Street/Monongahela River	5/15/2024	Inspection	0.006	0.8	Hydraulic Overload	0.34	Rain
029	Yes	Center Street/Monongahela River	5/17/2024	Inspection	0.016	0.4	Hydraulic Overload	0.83	Rain
029	Yes	Center Street/Monongahela River	5/25/2024	Inspection	0.006	0.5	Hydraulic Overload	0.02	Rain
029	Yes	Center Street/Monongahela River	5/26/2024	Inspection	0.014	0.8	Hydraulic Overload	0.29	Rain
029	Yes	Center Street/Monongahela River	5/28/2024	Inspection	0.002	0.3	Hydraulic Overload	0.2	Rain
029	Yes	Center Street/Monongahela River	5/29/2024	Inspection	0.005	0.8	Hydraulic Overload	0.15	Rain
030	Yes	Evans Avenue/Monongahela River	5/5/2024	Inspection	0.025	4	Hydraulic Overload	0.58	Rain
030	Yes	Evans Avenue/Monongahela River	5/8/2024	Inspection	0.026	2.7	Hydraulic Overload	0.66	Rain
030	Yes	Evans Avenue/Monongahela River	5/9/2024	Inspection	0.030	2.3	Hydraulic Overload	0.63	Rain
030	Yes	Evans Avenue/Monongahela River	5/15/2024	Inspection	0.012	0.3	Hydraulic Overload	0.34	Rain
030	Yes	Evans Avenue/Monongahela River	5/17/2024	Inspection	0.167	1.4	Hydraulic Overload	0.83	Rain
030	Yes	Evans Avenue/Monongahela River	5/18/2024	Inspection	0.030	1.3	Hydraulic Overload	0.25	Rain
030	Yes	Evans Avenue/Monongahela River	5/23/2024	Inspection	0.010	0.6	Hydraulic Overload	0.13	Rain
030	Yes	Evans Avenue/Monongahela River	5/26/2024	Inspection	0.106	1.7	Hydraulic Overload	0.29	Rain
030	Yes	Evans Avenue/Monongahela River	5/28/2024	Inspection	0.031	0.9	Hydraulic Overload	0.2	Rain
030	Yes	Evans Avenue/Monongahela River	5/29/2024	Inspection	0.080	1.3	Hydraulic Overload	0.15	Rain
031	No	White Street/Monongahela River							
032	Yes	Cliff Street/Crooked Run	5/5/2024	Inspection	1.009	3.6	Hydraulic Overload	0.58	Rain
032	Yes	Cliff Street/Crooked Run	5/6/2024	Inspection	0.011	0.1	Hydraulic Overload	0.01	Rain
032	Yes	Cliff Street/Crooked Run	5/8/2024	Inspection	1.008	2	Hydraulic Overload	0.66	Rain
032	Yes	Cliff Street/Crooked Run	5/9/2024	Inspection	0.641	2.8	Hydraulic Overload	0.63	Rain
032	Yes	Cliff Street/Crooked Run	5/10/2024	Inspection	0.099	0.4	Hydraulic Overload	0.03	Rain
032	Yes	Cliff Street/Crooked Run	5/11/2024	Inspection	0.312	1.2	Hydraulic Overload	0.41	Rain
032	Yes	Cliff Street/Crooked Run	5/17/2024	Inspection	0.340	0.8	Hydraulic Overload	0.83	Rain
032	Yes	Cliff Street/Crooked Run	5/26/2024	Inspection	0.041	0.3	Hydraulic Overload	0.29	Rain
032	Yes	Cliff Street/Crooked Run	5/29/2024	Inspection	0.071	0.3	Hydraulic Overload	0.15	Rain
033	Yes	Cliff Street/Crooked Run	5/4/2024	Inspection	0.005	0.6	Hydraulic Overload	0.39	Rain
033	Yes	Cliff Street/Crooked Run	5/5/2024	Inspection	0.245	2.8	Hydraulic Overload	0.58	Rain
033	Yes	Cliff Street/Crooked Run	5/8/2024	Inspection	0.067	1.8	Hydraulic Overload	0.66	Rain
033	Yes	Cliff Street/Crooked Run	5/9/2024	Inspection	0.281	6.2	Hydraulic Overload	0.63	Rain
033	Yes	Cliff Street/Crooked Run	5/10/2024	Inspection	0.030	1.3	Hydraulic Overload	0.03	Rain
033	Yes	Cliff Street/Crooked Run	5/11/2024	Inspection	0.138	1.7	Hydraulic Overload	0.41	Rain
033	Yes	Cliff Street/Crooked Run	5/15/2024	Inspection	0.009	0.3	Hydraulic Overload	0.34	Rain
033	Yes	Cliff Street/Crooked Run	5/17/2024	Inspection	0.038	1.8	Hydraulic Overload	0.83	Rain
033	Yes	Cliff Street/Crooked Run	5/18/2024	Inspection	0.016	1.8	Hydraulic Overload	0.25	Rain
033	Yes	Cliff Street/Crooked Run	5/23/2024	Inspection	0.003	0.3	Hydraulic Overload	0.13	Rain
033	Yes	Cliff Street/Crooked Run	5/26/2024	Inspection	0.093	2.8	Hydraulic Overload	0.29	Rain
033	Yes	Cliff Street/Crooked Run	5/29/2024	Inspection	0.070	0.6	Hydraulic Overload	0.15	Rain
PV-01	No	Port Vue CSO Outfall 1							
PV-02	Yes	Port Vue CSO Outfall 2	5/5/2024	Inspection	0.073	1.3	Hydraulic Overload	0.58	Rain
PV-02	Yes	Port Vue CSO Outfall 2	5/8/2024	Inspection	0.028	1.2	Hydraulic Overload	0.66	Rain
PV-02	Yes	Port Vue CSO Outfall 2	5/11/2024	Inspection	0.036	1.6	Hydraulic Overload	0.41	Rain

PV-02	Yes	Port Vue CSO Outfall 2	5/15/2024	Inspection	0.024	0.3	Hydraulic Overload	0.34	Rain
PV-02	Yes	Port Vue CSO Outfall 2	5/17/2024	Inspection	0.049	2.5	Hydraulic Overload	0.83	Rain
PV-02	Yes	Port Vue CSO Outfall 2	5/26/2024	Inspection	0.018	0.9	Hydraulic Overload	0.29	Rain
PV-04	Yes	Port Vue CSO Outfall 4	5/5/2024	Inspection	0.003	0.3	Hydraulic Overload	0.58	Rain
PV-04	Yes	Port Vue CSO Outfall 4	5/8/2024	Inspection	0.009	0.5	Hydraulic Overload	0.66	Rain
PV-04	Yes	Port Vue CSO Outfall 4	5/17/2024	Inspection	0.002	0.3	Hydraulic Overload	0.83	Rain
PV-05	Yes	Port Vue CSO Outfall 5	5/8/2024	Inspection	0.002	0.3	Hydraulic Overload	0.66	Rain
Total			Total CSO Events: 195		13.387	213			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - June 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	6/6/2024	Inspection	0.009	0.5	Hydraulic Overload	0.21	Rain
004	Yes	Rebecca Street/Monongahela River	6/14/2024	Inspection	0.027	1.1	Hydraulic Overload	0.66	Rain
004	Yes	Rebecca Street/Monongahela River	6/23/2024	Inspection	0.008	1.1	Hydraulic Overload	0.56	Rain
004	Yes	Rebecca Street/Monongahela River	6/26/2024	Inspection	0.008	1.1	Hydraulic Overload	0.71	Rain
005	No	Erie Street/Monongahela River							
006	Yes	Ann Street/Monongahela River	6/14/2024	Inspection	0.002	0.2	Hydraulic Overload	0.66	Rain
006	Yes	Ann Street/Monongahela River	6/23/2024	Inspection	0.002	0.3	Hydraulic Overload	0.56	Rain
006	Yes	Ann Street/Monongahela River	6/26/2024	Inspection	0.003	0.3	Hydraulic Overload	0.71	Rain
007	Yes	Dale Street/Monongahela River	6/14/2024	Inspection	0.015	0.3	Hydraulic Overload	0.66	Rain
007	Yes	Dale Street/Monongahela River	6/23/2024	Inspection	0.013	0.6	Hydraulic Overload	0.56	Rain
007	Yes	Dale Street/Monongahela River	6/26/2024	Inspection	0.009	0.5	Hydraulic Overload	0.71	Rain
008	Yes	Perry Street/Monongahela River	6/14/2024	Inspection	0.034	0.8	Hydraulic Overload	0.66	Rain
008	Yes	Perry Street/Monongahela River	6/23/2024	Inspection	0.041	1	Hydraulic Overload	0.56	Rain
008	Yes	Perry Street/Monongahela River	6/26/2024	Inspection	0.040	0.8	Hydraulic Overload	0.71	Rain
009	Yes	Windsor Street/ Monogahela River	6/6/2024	Inspection	0.001	0.2	Hydraulic Overload	0.21	Rain
009	Yes	Windsor Street/ Monogahela River	6/14/2024	Inspection	0.045	0.7	Hydraulic Overload	0.66	Rain
009	Yes	Windsor Street/ Monogahela River	6/23/2024	Inspection	0.042	1	Hydraulic Overload	0.56	Rain
009	Yes	Windsor Street/ Monogahela River	6/26/2024	Inspection	0.025	0.9	Hydraulic Overload	0.71	Rain
010	Yes	Morgan Alley/Monogahela River	6/14/2024	Inspection	0.052	0.7	Hydraulic Overload	0.66	Rain
010	Yes	Morgan Alley/Monogahela River	6/23/2024	Inspection	0.052	0.8	Hydraulic Overload	0.56	Rain
010	Yes	Morgan Alley/Monogahela River	6/26/2024	Inspection	0.056	0.8	Hydraulic Overload	0.71	Rain
012	Yes	Fourth Avenue/Youghiogheny River	6/14/2024	Inspection	0.027	0.3	Hydraulic Overload	0.66	Rain
012	Yes	Fourth Avenue/Youghiogheny River	6/23/2024	Inspection	0.019	0.5	Hydraulic Overload	0.56	Rain
012	Yes	Fourth Avenue/Youghiogheny River	6/26/2024	Inspection	0.033	0.4	Hydraulic Overload	0.71	Rain
013	Yes	Fifth Avenue/Youghiogheny River	6/14/2024	Inspection	0.021	0.8	Hydraulic Overload	0.66	Rain
013	Yes	Fifth Avenue/Youghiogheny River	6/26/2024	Inspection	0.002	0.3	Hydraulic Overload	0.71	Rain
014	Yes	Sixth Avenue/Youghiogheny River	6/14/2024	Inspection	0.030	0.6	Hydraulic Overload	0.66	Rain
014	Yes	Sixth Avenue/Youghiogheny River	6/23/2024	Inspection	0.047	0.7	Hydraulic Overload	0.56	Rain
014	Yes	Sixth Avenue/Youghiogheny River	6/26/2024	Inspection	0.062	0.8	Hydraulic Overload	0.71	Rain
015	Yes	Seventh Avenue/Youghiogheny River	6/14/2024	Inspection	0.049	0.8	Hydraulic Overload	0.66	Rain
015	Yes	Seventh Avenue/Youghiogheny River	6/23/2024	Inspection	0.056	0.8	Hydraulic Overload	0.56	Rain
015	Yes	Seventh Avenue/Youghiogheny River	6/26/2024	Inspection	0.049	0.8	Hydraulic Overload	0.71	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	6/14/2024	Inspection	0.075	0.8	Hydraulic Overload	0.66	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	6/23/2024	Inspection	0.090	1.1	Hydraulic Overload	0.56	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	6/26/2024	Inspection	0.111	1.3	Hydraulic Overload	0.71	Rain
020	No	Eleventh Avenue/Youghiogheny River							

021	Yes	Twelfth Avenue/Youghiogheny River	6/14/2024	Inspection	0.107	2.7	Hydraulic Overload	0.66	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	6/23/2024	Inspection	0.180	1	Hydraulic Overload	0.56	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	6/14/2024	Inspection	0.026	0.8	Hydraulic Overload	0.66	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	6/23/2024	Inspection	0.014	0.6	Hydraulic Overload	0.56	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	6/26/2024	Inspection	0.030	1	Hydraulic Overload	0.71	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	6/14/2024	Inspection	0.662	1.2	Hydraulic Overload	0.66	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	6/23/2024	Inspection	0.563	1.4	Hydraulic Overload	0.56	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	6/26/2024	Inspection	0.430	1.2	Hydraulic Overload	0.71	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	6/6/2024	Inspection	0.005	0.3	Hydraulic Overload	0.21	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	6/14/2024	Inspection	0.087	2.7	Hydraulic Overload	0.66	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	6/23/2024	Inspection	0.081	2.3	Hydraulic Overload	0.56	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	6/26/2024	Inspection	0.076	1.6	Hydraulic Overload	0.71	Rain
025	Yes	Walnut Street/Monongahela River	6/14/2024	Inspection	0.043	0.4	Hydraulic Overload	0.66	Rain
025	Yes	Walnut Street/Monongahela River	6/23/2024	Inspection	0.044	0.5	Hydraulic Overload	0.56	Rain
025	Yes	Walnut Street/Monongahela River	6/26/2024	Inspection	0.040	0.4	Hydraulic Overload	0.71	Rain
026	Yes	Walnut Street/Monongahela River	6/6/2024	Inspection	0.010	0.7	Hydraulic Overload	0.21	Rain
026	Yes	Walnut Street/Monongahela River	6/14/2024	Inspection	0.069	4	Hydraulic Overload	0.66	Rain
026	Yes	Walnut Street/Monongahela River	6/23/2024	Inspection	0.046	2.7	Hydraulic Overload	0.56	Rain
026	Yes	Walnut Street/Monongahela River	6/26/2024	Inspection	0.090	3	Hydraulic Overload	0.71	Rain
027	Yes	Huey Street/Monongahela River	6/14/2024	Inspection	0.038	0.8	Hydraulic Overload	0.66	Rain
027	Yes	Huey Street/Monongahela River	6/23/2024	Inspection	0.041	0.8	Hydraulic Overload	0.56	Rain
027	Yes	Huey Street/Monongahela River	6/26/2024	Inspection	0.045	1.1	Hydraulic Overload	0.71	Rain
028	Yes	Martin Street/Monongahela River	6/14/2024	Inspection	0.154	1.1	Hydraulic Overload	0.66	Rain
028	Yes	Martin Street/Monongahela River	6/23/2024	Inspection	0.101	1.3	Hydraulic Overload	0.56	Rain
028	Yes	Martin Street/Monongahela River	6/26/2024	Inspection	0.033	0.9	Hydraulic Overload	0.71	Rain
029	Yes	Center Street/Monongahela River	6/6/2024	Inspection	0.003	0.5	Hydraulic Overload	0.21	Rain
029	Yes	Center Street/Monongahela River	6/14/2024	Inspection	0.037	1.5	Hydraulic Overload	0.66	Rain
029	Yes	Center Street/Monongahela River	6/23/2024	Inspection	0.035	1.3	Hydraulic Overload	0.56	Rain
029	Yes	Center Street/Monongahela River	6/26/2024	Inspection	0.019	1.1	Hydraulic Overload	0.71	Rain
030	Yes	Evans Avenue/Monongahela River	6/6/2024	Inspection	0.019	0.7	Hydraulic Overload	0.21	Rain
030	Yes	Evans Avenue/Monongahela River	6/14/2024	Inspection	0.303	1.7	Hydraulic Overload	0.66	Rain
030	Yes	Evans Avenue/Monongahela River	6/23/2024	Inspection	0.113	1.6	Hydraulic Overload	0.56	Rain
030	Yes	Evans Avenue/Monongahela River	6/26/2024	Inspection	0.045	1.3	Hydraulic Overload	0.71	Rain
031	No	White Street/Monongahela River							
032	Yes	Cliff Street/Crooked Run	6/14/2024	Inspection	0.054	0.4	Hydraulic Overload	0.66	Rain
032	Yes	Cliff Street/Crooked Run	6/23/2024	Inspection	0.329	1.1	Hydraulic Overload	0.56	Rain
032	Yes	Cliff Street/Crooked Run	6/26/2024	Inspection	0.372	1.3	Hydraulic Overload	0.71	Rain
033	Yes	Cliff Street/Crooked Run	6/6/2024	Inspection	0.005	0.8	Hydraulic Overload	0.21	Rain
033	Yes	Cliff Street/Crooked Run	6/14/2024	Inspection	0.089	1.6	Hydraulic Overload	0.66	Rain
033	Yes	Cliff Street/Crooked Run	6/23/2024	Inspection	0.130	2.9	Hydraulic Overload	0.56	Rain
033	Yes	Cliff Street/Crooked Run	6/26/2024	Inspection	0.096	1.8	Hydraulic Overload	0.71	Rain

PV-01	Yes	Port Vue CSO Outfall 1	6/5/2024	Inspection	0.036	1.7	Hydraulic Overload		DWO-Hose Pinched Restricting Flow
PV-02	Yes	Port Vue CSO Outfall 2	6/14/2024	Inspection	0.035	1.4	Hydraulic Overload	0.66	Rain
PV-02	Yes	Port Vue CSO Outfall 2	6/23/2024	Inspection	0.036	1.6	Hydraulic Overload	0.56	Rain
PV-02	Yes	Port Vue CSO Outfall 2	6/26/2024	Inspection	0.025	1	Hydraulic Overload	0.71	Rain
PV-04	No	Port Vue CSO Outfall 4							
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 78		5.951	83.5			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - July 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	7/17/2024	Inspection	0.013	1.1	Hydraulic Overload	0.79	Rain
004	Yes	Rebecca Street/Monongahela River	7/22/2024	Inspection	0.013	2.3	Hydraulic Overload	0.46	Rain
004	Yes	Rebecca Street/Monongahela River	7/30/2024	Inspection	0.019	2.9	Hydraulic Overload	1.68	Rain
004	Yes	Rebecca Street/Monongahela River	7/31/2024	Inspection	0.007	1.4	Hydraulic Overload	0.22	Rain
005	Yes	Erie Street/Monongahela River	7/30/2024	Inspection	0.001	1.68	Hydraulic Overload	1.68	Rain
006	Yes	Ann Street/Monongahela River	7/30/2024	Inspection	0.001	0.1	Hydraulic Overload	1.68	Rain
007	Yes	Dale Street/Monongahela River	7/17/2024	Inspection	0.019	0.8	Hydraulic Overload	0.79	Rain
007	Yes	Dale Street/Monongahela River	7/30/2024	Inspection	0.048	0.8	Hydraulic Overload	1.68	Rain
008	Yes	Perry Street/Monongahela River	7/17/2024	Inspection	0.035	1	Hydraulic Overload	0.79	Rain
008	Yes	Perry Street/Monongahela River	7/22/2024	Inspection	0.001	0.5	Hydraulic Overload	0.46	Rain
008	Yes	Perry Street/Monongahela River	7/30/2024	Inspection	0.081	2.1	Hydraulic Overload	1.68	Rain
008	Yes	Perry Street/Monongahela River	7/31/2024	Inspection	0.006	0.9	Hydraulic Overload	0.22	Rain
009	Yes	Windsor Street/ Monogahela River	7/17/2024	Inspection	0.022	4	Hydraulic Overload	0.79	Rain
009	Yes	Windsor Street/ Monogahela River	7/22/2024	Inspection	0.015	2.7	Hydraulic Overload	0.46	Rain
009	Yes	Windsor Street/ Monogahela River	7/30/2024	Inspection	0.327	6	Hydraulic Overload	1.68	Rain
010	Yes	Morgan Alley/Monogahela River	7/17/2024	Inspection	0.057	0.8	Hydraulic Overload	0.79	Rain
010	Yes	Morgan Alley/Monogahela River	7/22/2024	Inspection	0.001	0.2	Hydraulic Overload	0.46	Rain
010	Yes	Morgan Alley/Monogahela River	7/30/2024	Inspection	0.088	1.9	Hydraulic Overload	1.68	Rain
010	Yes	Morgan Alley/Monogahela River	7/31/2024	Inspection	0.011	0.5	Hydraulic Overload	0.22	Rain
012	Yes	Fourth Avenue/Youghioghney River	7/17/2024	Inspection	0.031	0.7	Hydraulic Overload	0.79	Rain
012	Yes	Fourth Avenue/Youghioghney River	7/30/2024	Inspection	0.059	0.7	Hydraulic Overload	1.68	Rain
012	Yes	Fourth Avenue/Youghioghney River	7/31/2024	Inspection	0.001	0.2	Hydraulic Overload	0.22	Rain
013	Yes	Fifth Avenue/Youghioghney River	7/17/2024	Inspection	0.036	0.8	Hydraulic Overload	0.79	Rain
013	Yes	Fifth Avenue/Youghioghney River	7/30/2024	Inspection	0.119	3.4	Hydraulic Overload	1.68	Rain
014	Yes	Sixth Avenue/Youghioghney River	7/17/2024	Inspection	0.068	0.8	Hydraulic Overload	0.79	Rain
014	Yes	Sixth Avenue/Youghioghney River	7/30/2024	Inspection	0.079	0.7	Hydraulic Overload	1.68	Rain
015	Yes	Seventh Avenue/Youghioghney River	7/17/2024	Inspection	0.052	0.8	Hydraulic Overload	0.79	Rain
015	Yes	Seventh Avenue/Youghioghney River	7/22/2024	Inspection	0.002	0.3	Hydraulic Overload	0.46	Rain
015	Yes	Seventh Avenue/Youghioghney River	7/30/2024	Inspection	0.060	2	Hydraulic Overload	1.68	Rain
015	Yes	Seventh Avenue/Youghioghney River	7/31/2024	Inspection	0.007	0.8	Hydraulic Overload	0.22	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	7/17/2024	Inspection	0.004	0.5	Hydraulic Overload	0.79	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	7/30/2024	Inspection	0.030	0.6	Hydraulic Overload	1.68	Rain
020	No	Eleventh Avenue/Youghioghney River							
021	Yes	Twelfth Avenue/Youghioghney River	7/17/2024	Inspection	0.076	4	Hydraulic Overload	0.79	Rain
021	Yes	Twelfth Avenue/Youghioghney River	7/22/2024	Inspection	0.036	2	Hydraulic Overload	0.46	Rain

021	Yes	Twelfth Avenue/Youghiogheny River	7/30/2024	Inspection	0.198	2.9	Hydraulic Overload	1.68	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	7/31/2024	Inspection	0.137	1.8	Hydraulic Overload	0.22	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	7/17/2024	Inspection	0.035	1	Hydraulic Overload	0.79	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	7/30/2024	Inspection	0.028	0.8	Hydraulic Overload	1.68	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	7/17/2024	Inspection	0.526	1	Hydraulic Overload	0.79	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	7/22/2024	Inspection	0.062	1.7	Hydraulic Overload	0.46	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	7/30/2024	Inspection	0.243	2.6	Hydraulic Overload	1.68	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	7/31/2024	Inspection	0.018	0.8	Hydraulic Overload	0.22	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	7/17/2024	Inspection	0.072	1.3	Hydraulic Overload	0.79	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	7/22/2024	Inspection	0.009	0.6	Hydraulic Overload	0.46	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	7/30/2024	Inspection	0.064	2.1	Hydraulic Overload	1.68	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	7/31/2024	Inspection	0.020	0.8	Hydraulic Overload	0.22	Rain
025	Yes	Walnut Street/Monongahela River	7/17/2024	Inspection	0.059	0.7	Hydraulic Overload	0.79	Rain
025	Yes	Walnut Street/Monongahela River	7/30/2024	Inspection	0.064	0.5	Hydraulic Overload	1.68	Rain
026	Yes	Walnut Street/Monongahela River	7/17/2024	Inspection	0.040	0.1	Hydraulic Overload	0.79	Rain
026	Yes	Walnut Street/Monongahela River	7/22/2024	Inspection	0.066	1.3	Hydraulic Overload	0.46	Rain
026	Yes	Walnut Street/Monongahela River	7/30/2024	Inspection	0.099	1.2	Hydraulic Overload	1.68	Rain
027	Yes	Huey Street/Monongahela River	7/17/2024	Inspection	0.043	1	Hydraulic Overload	0.79	Rain
027	Yes	Huey Street/Monongahela River	7/22/2024	Inspection	0.006	0.4	Hydraulic Overload	0.46	Rain
027	Yes	Huey Street/Monongahela River	7/30/2024	Inspection	0.049	1.8	Hydraulic Overload	1.68	Rain
027	Yes	Huey Street/Monongahela River	7/31/2024	Inspection	0.007	0.4	Hydraulic Overload	0.22	Rain
028	Yes	Martin Street/Monongahela River	7/17/2024	Inspection	0.023	0.7	Hydraulic Overload	0.79	Rain
028	Yes	Martin Street/Monongahela River	7/22/2024	Inspection	0.028	2.1	Hydraulic Overload	0.46	Rain
028	Yes	Martin Street/Monongahela River	7/30/2024	Inspection	0.086	3.6	Hydraulic Overload	1.68	Rain
028	Yes	Martin Street/Monongahela River	7/31/2024	Inspection	0.037	1.9	Hydraulic Overload	0.22	Rain
029	Yes	Center Street/Monongahela River	7/17/2024	Inspection	0.033	0.9	Hydraulic Overload	0.79	Rain
029	Yes	Center Street/Monongahela River	7/22/2024	Inspection	0.005	0.7	Hydraulic Overload	0.46	Rain
029	Yes	Center Street/Monongahela River	7/30/2024	Inspection	0.063	4.3	Hydraulic Overload	1.68	Rain
030	Yes	Evans Avenue/Monongahela River	7/17/2024	Inspection	0.104	1.7	Hydraulic Overload	0.79	Rain
030	Yes	Evans Avenue/Monongahela River	7/22/2024	Inspection	0.023	1.6	Hydraulic Overload	0.46	Rain
030	Yes	Evans Avenue/Monongahela River	7/30/2024	Inspection	0.063	0.8	Hydraulic Overload	1.68	Rain
030	Yes	Evans Avenue/Monongahela River	7/31/2024	Inspection	0.004	0.3	Hydraulic Overload	0.22	Rain
031	No	White Street/Monongahela River							
032	Yes	Cliff Street/Crooked Run	7/17/2024	Inspection	0.816	2.6	Hydraulic Overload	0.79	Rain
032	Yes	Cliff Street/Crooked Run	7/22/2024	Inspection	0.100	0.8	Hydraulic Overload	0.46	Rain
032	Yes	Cliff Street/Crooked Run	7/30/2024	Inspection	0.472	2.1	Hydraulic Overload	1.68	Rain
032	Yes	Cliff Street/Crooked Run	7/31/2024	Inspection	0.586	2.5	Hydraulic Overload	0.22	Rain
033	Yes	Cliff Street/Crooked Run	7/17/2024	Inspection	0.110	2.7	Hydraulic Overload	0.79	Rain
033	Yes	Cliff Street/Crooked Run	7/22/2024	Inspection	0.025	1.4	Hydraulic Overload	0.46	Rain
033	Yes	Cliff Street/Crooked Run	7/30/2024	Inspection	0.147	5.5	Hydraulic Overload	1.68	Rain
033	Yes	Cliff Street/Crooked Run	7/31/2024	Inspection	0.069	2.4	Hydraulic Overload	0.22	Rain
PV-01	Yes	Port Vue CSO Outfall 1	7/30/2024	Inspection	0.099	6.4	Hydraulic Overload	1.68	Rain

PV-01	Yes	Port Vue CSO Outfall 1	7/31/2024	Inspection	0.089	5.9	Hydraulic Overload	0.22	Rain
PV-02	Yes	Port Vue CSO Outfall 2	7/17/2024	Inspection	0.064	2.1	Hydraulic Overload	0.79	Rain
PV-02	Yes	Port Vue CSO Outfall 2	7/22/2024	Inspection	0.091	2.3	Hydraulic Overload	0.46	Rain
PV-04	Yes	Port Vue CSO Outfall 4	7/30/2024	Inspection	0.002	0.3	Hydraulic Overload	1.68	Rain
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 79		6.409	130.38			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - August 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	8/2/2024	Inspection	0.001	0.2	Hydraulic Overload	0.17	Rain
004	Yes	Rebecca Street/Monongahela River	8/3/2024	Inspection	0.006	1.4	Hydraulic Overload	0.57	Rain
004	Yes	Rebecca Street/Monongahela River	8/6/2024	Inspection	0.001	0.1	Hydraulic Overload	0.33	Rain
004	Yes	Rebecca Street/Monongahela River	8/30/2024	Inspection	0.001	0.2	Hydraulic Overload	0.81	Rain
004	Yes	Rebecca Street/Monongahela River	8/31/2024	Inspection	0.007	1.3	Hydraulic Overload	0.89	Rain
005	Yes	Erie Street/Monongahela River	8/31/2024	Inspection	0.001	0.1	Hydraulic Overload	0.89	Rain
006	Yes	Ann Street/Monongahela River	8/30/2024	Inspection	0.003	0.3	Hydraulic Overload	0.81	Rain
006	Yes	Ann Street/Monongahela River	8/31/2024	Inspection	0.006	0.4	Hydraulic Overload	0.89	Rain
007	Yes	Dale Street/Monongahela River	8/2/2024	Inspection	0.001	0.2	Hydraulic Overload	0.17	Rain
007	Yes	Dale Street/Monongahela River	8/3/2024	Inspection	0.017	0.4	Hydraulic Overload	0.57	Rain
007	Yes	Dale Street/Monongahela River	8/6/2024	Inspection	0.003	0.3	Hydraulic Overload	0.33	Rain
007	Yes	Dale Street/Monongahela River	8/30/2024	Inspection	0.015	0.7	Hydraulic Overload	0.81	Rain
007	Yes	Dale Street/Monongahela River	8/31/2024	Inspection	0.023	0.7	Hydraulic Overload	0.89	Rain
008	Yes	Perry Street/Monongahela River	8/2/2024	Inspection	0.003	0.3	Hydraulic Overload	0.17	Rain
008	Yes	Perry Street/Monongahela River	8/3/2024	Inspection	0.044	1.1	Hydraulic Overload	0.57	Rain
008	Yes	Perry Street/Monongahela River	8/6/2024	Inspection	0.011	0.5	Hydraulic Overload	0.33	Rain
008	Yes	Perry Street/Monongahela River	8/30/2024	Inspection	0.048	1.3	Hydraulic Overload	0.81	Rain
008	Yes	Perry Street/Monongahela River	8/31/2024	Inspection	0.071	2.2	Hydraulic Overload	0.89	Rain
009	Yes	Windsor Street/ Monogahela River	8/30/2024	Inspection	0.014	0.3	Hydraulic Overload	0.81	Rain
009	Yes	Windsor Street/ Monogahela River	8/31/2024	Inspection	0.077	1.2	Hydraulic Overload	0.89	Rain
010	Yes	Morgan Alley/Monogahela River	8/2/2024	Inspection	0.012	0.3	Hydraulic Overload	0.17	Rain
010	Yes	Morgan Alley/Monogahela River	8/3/2024	Inspection	0.047	0.9	Hydraulic Overload	0.57	Rain
010	Yes	Morgan Alley/Monogahela River	8/6/2024	Inspection	0.020	0.4	Hydraulic Overload	0.33	Rain
010	Yes	Morgan Alley/Monogahela River	8/30/2024	Inspection	0.056	0.9	Hydraulic Overload	0.81	Rain
010	Yes	Morgan Alley/Monogahela River	8/31/2024	Inspection	0.064	1.3	Hydraulic Overload	0.89	Rain
012	Yes	Fourth Avenue/Youghiogheny River	8/2/2024	Inspection	0.003	0.1	Hydraulic Overload	0.17	Rain
012	Yes	Fourth Avenue/Youghiogheny River	8/3/2024	Inspection	0.016	0.3	Hydraulic Overload	0.57	Rain
012	Yes	Fourth Avenue/Youghiogheny River	8/6/2024	Inspection	0.007	0.3	Hydraulic Overload	0.33	Rain
012	Yes	Fourth Avenue/Youghiogheny River	8/30/2024	Inspection	0.036	0.4	Hydraulic Overload	0.81	Rain
012	Yes	Fourth Avenue/Youghiogheny River	8/31/2024	Inspection	0.046	0.8	Hydraulic Overload	0.89	Rain
013	Yes	Fifth Avenue/Youghiogheny River	8/3/2024	Inspection	0.016	0.3	Hydraulic Overload	0.57	Rain
013	Yes	Fifth Avenue/Youghiogheny River	8/6/2024	Inspection	0.011	0.2	Hydraulic Overload	0.33	Rain
013	Yes	Fifth Avenue/Youghiogheny River	8/30/2024	Inspection	0.027	0.8	Hydraulic Overload	0.81	Rain
013	Yes	Fifth Avenue/Youghiogheny River	8/31/2024	Inspection	0.034	1.1	Hydraulic Overload	0.89	Rain
014	Yes	Sixth Avenue/Youghiogheny River	8/2/2024	Inspection	0.010	0.3	Hydraulic Overload	0.17	Rain
014	Yes	Sixth Avenue/Youghiogheny River	8/3/2024	Inspection	0.013	0.5	Hydraulic Overload	0.57	Rain
014	Yes	Sixth Avenue/Youghiogheny River	8/6/2024	Inspection	0.016	0.3	Hydraulic Overload	0.33	Rain
014	Yes	Sixth Avenue/Youghiogheny River	8/30/2024	Inspection	0.033	0.6	Hydraulic Overload	0.81	Rain
014	Yes	Sixth Avenue/Youghiogheny River	8/31/2024	Inspection	0.055	0.8	Hydraulic Overload	0.89	Rain

015	Yes	Seventh Avenue/Youghiogheny River	8/2/2024	Inspection	0.015	0.3	Hydraulic Overload	0.17	Rain
015	Yes	Seventh Avenue/Youghiogheny River	8/3/2024	Inspection	0.017	0.6	Hydraulic Overload	0.57	Rain
015	Yes	Seventh Avenue/Youghiogheny River	8/6/2024	Inspection	0.016	0.3	Hydraulic Overload	0.33	Rain
015	Yes	Seventh Avenue/Youghiogheny River	8/30/2024	Inspection	0.039	0.9	Hydraulic Overload	0.81	Rain
015	Yes	Seventh Avenue/Youghiogheny River	8/31/2024	Inspection	0.069	2.5	Hydraulic Overload	0.89	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	8/3/2024	Inspection	0.001	1.1	Hydraulic Overload	0.57	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	8/6/2024	Inspection	0.002	0.5	Hydraulic Overload	0.33	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	8/30/2024	Inspection	0.001	0.3	Hydraulic Overload	0.81	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	8/31/2024	Inspection	0.014	2	Hydraulic Overload	0.89	Rain
020	No	Eleventh Avenue/Youghiogheny River							
021	Yes	Twelfth Avenue/Youghiogheny River	8/2/2024	Inspection	0.023	0.1	Hydraulic Overload	0.17	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	8/3/2024	Inspection	0.061	0.2	Hydraulic Overload	0.57	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	8/6/2024	Inspection	0.042	0.4	Hydraulic Overload	0.33	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	8/30/2024	Inspection	0.036	0.6	Hydraulic Overload	0.81	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	8/31/2024	Inspection	0.226	2.5	Hydraulic Overload	0.89	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	8/2/2024	Inspection	0.001	0.1	Hydraulic Overload	0.17	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	8/3/2024	Inspection	0.001	0.1	Hydraulic Overload	0.57	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	8/6/2024	Inspection	0.003	0.2	Hydraulic Overload	0.33	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	8/31/2024	Inspection	0.059	1.7	Hydraulic Overload	0.89	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	8/2/2024	Inspection	0.275	0.5	Hydraulic Overload	0.17	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	8/3/2024	Inspection	0.028	0.3	Hydraulic Overload	0.57	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	8/6/2024	Inspection	0.264	0.4	Hydraulic Overload	0.33	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	8/29/2024	Inspection	0.015	0.3	Hydraulic Overload	0.54	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	8/30/2024	Inspection	0.045	0.3	Hydraulic Overload	0.81	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	8/31/2024	Inspection	0.534	1.4	Hydraulic Overload	0.89	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	8/2/2024	Inspection	0.041	1.1	Hydraulic Overload	0.17	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	8/3/2024	Inspection	0.018	0.5	Hydraulic Overload	0.57	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	8/6/2024	Inspection	0.041	0.6	Hydraulic Overload	0.33	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	8/29/2024	Inspection	0.027	1	Hydraulic Overload	0.54	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	8/30/2024	Inspection	0.018	0.5	Hydraulic Overload	0.81	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	8/31/2024	Inspection	0.138	3.7	Hydraulic Overload	0.89	Rain
025	Yes	Walnut Street/Monongahela River	8/2/2024	Inspection	0.007	0.2	Hydraulic Overload	0.17	Rain
025	Yes	Walnut Street/Monongahela River	8/3/2024	Inspection	0.001	0.2	Hydraulic Overload	0.57	Rain
025	Yes	Walnut Street/Monongahela River	8/6/2024	Inspection	0.013	0.3	Hydraulic Overload	0.33	Rain
025	Yes	Walnut Street/Monongahela River	8/30/2024	Inspection	0.027	0.4	Hydraulic Overload	0.81	Rain
025	Yes	Walnut Street/Monongahela River	8/31/2024	Inspection	0.047	0.8	Hydraulic Overload	0.89	Rain
026	Yes	Walnut Street/Monongahela River	8/3/2024	Inspection	0.122	1.3	Hydraulic Overload	0.57	Rain
026	Yes	Walnut Street/Monongahela River	8/6/2024	Inspection	0.141	0.5	Hydraulic Overload	0.33	Rain
026	Yes	Walnut Street/Monongahela River	8/30/2024	Inspection	0.187	4	Hydraulic Overload	0.81	Rain
026	Yes	Walnut Street/Monongahela River	8/31/2024	Inspection	0.196	6	Hydraulic Overload	0.89	Rain
027	Yes	Huey Street/Monongahela River	8/2/2024	Inspection	0.006	0.3	Hydraulic Overload	0.17	Rain
027	Yes	Huey Street/Monongahela River	8/3/2024	Inspection	0.011	0.6	Hydraulic Overload	0.57	Rain
027	Yes	Huey Street/Monongahela River	8/6/2024	Inspection	0.007	0.4	Hydraulic Overload	0.33	Rain
027	Yes	Huey Street/Monongahela River	8/30/2024	Inspection	0.033	0.8	Hydraulic Overload	0.81	Rain
027	Yes	Huey Street/Monongahela River	8/31/2024	Inspection	0.043	1.8	Hydraulic Overload	0.89	Rain

028	Yes	Martin Street/Monongahela River	8/2/2024	Inspection	0.017	0.6	Hydraulic Overload	0.17	Rain
028	Yes	Martin Street/Monongahela River	8/3/2024	Inspection	0.024	1.7	Hydraulic Overload	0.57	Rain
028	Yes	Martin Street/Monongahela River	8/6/2024	Inspection	0.021	0.6	Hydraulic Overload	0.33	Rain
028	Yes	Martin Street/Monongahela River	8/29/2024	Inspection	0.006	0.3	Hydraulic Overload	0.54	Rain
028	Yes	Martin Street/Monongahela River	8/30/2024	Inspection	0.034	1	Hydraulic Overload	0.81	Rain
028	Yes	Martin Street/Monongahela River	8/31/2024	Inspection	0.080	2.6	Hydraulic Overload	0.89	Rain
029	Yes	Center Street/Monongahela River	8/3/2024	Inspection	0.017	0.8	Hydraulic Overload	0.57	Rain
029	Yes	Center Street/Monongahela River	8/6/2024	Inspection	0.010	0.01	Hydraulic Overload	0.33	Rain
029	Yes	Center Street/Monongahela River	8/30/2024	Inspection	0.027	2.7	Hydraulic Overload	0.81	Rain
029	Yes	Center Street/Monongahela River	8/31/2024	Inspection	0.036	4	Hydraulic Overload	0.89	Rain
030	Yes	Evans Avenue/Monongahela River	8/2/2024	Inspection	0.085	0.4	Hydraulic Overload	0.17	Rain
030	Yes	Evans Avenue/Monongahela River	8/3/2024	Inspection	0.004	0.3	Hydraulic Overload	0.57	Rain
030	Yes	Evans Avenue/Monongahela River	8/6/2024	Inspection	0.038	0.4	Hydraulic Overload	0.33	Rain
030	Yes	Evans Avenue/Monongahela River	8/29/2024	Inspection	0.012	0.3	Hydraulic Overload	0.54	Rain
030	Yes	Evans Avenue/Monongahela River	8/30/2024	Inspection	0.004	0.4	Hydraulic Overload	0.81	Rain
030	Yes	Evans Avenue/Monongahela River	8/31/2024	Inspection	0.045	2.1	Hydraulic Overload	0.89	Rain
031	Yes	White Street/Monongahela River	8/2/2024	Inspection	0.033	0.2	Hydraulic Overload	0.17	Rain
032	Yes	Cliff Street/Crooked Run	8/3/2024	Inspection	0.161	0.6	Hydraulic Overload	0.57	Rain
032	Yes	Cliff Street/Crooked Run	8/6/2024	Inspection	0.310	0.8	Hydraulic Overload	0.33	Rain
032	Yes	Cliff Street/Crooked Run	8/29/2024	Inspection	0.618	1.1	Hydraulic Overload	0.54	Rain
032	Yes	Cliff Street/Crooked Run	8/30/2024	Inspection	0.125	0.3	Hydraulic Overload	0.81	Rain
032	Yes	Cliff Street/Crooked Run	8/31/2024	Inspection	0.595	1.3	Hydraulic Overload	0.89	Rain
033	Yes	Cliff Street/Crooked Run	8/2/2024	Inspection	0.019	0.4	Hydraulic Overload	0.17	Rain
033	Yes	Cliff Street/Crooked Run	8/3/2024	Inspection	0.020	0.8	Hydraulic Overload	0.57	Rain
033	Yes	Cliff Street/Crooked Run	8/6/2024	Inspection	0.023	0.4	Hydraulic Overload	0.33	Rain
033	Yes	Cliff Street/Crooked Run	8/29/2024	Inspection	0.024	1.7	Hydraulic Overload	0.54	Rain
033	Yes	Cliff Street/Crooked Run	8/30/2024	Inspection	0.042	4	Hydraulic Overload	0.81	Rain
033	Yes	Cliff Street/Crooked Run	8/31/2024	Inspection	0.041	3	Hydraulic Overload	0.89	Rain
PV-01	Yes	Port Vue CSO Outfall 1	8/2/2024	Inspection	0.069	3.3	Hydraulic Overload	0.17	Rain
PV-02	Yes	Port Vue CSO Outfall 2	8/2/2024	Inspection	0.024	0.8	Hydraulic Overload	0.17	Rain
PV-02	Yes	Port Vue CSO Outfall 2	8/3/2024	Inspection	0.026	1	Hydraulic Overload	0.57	Rain
PV-02	Yes	Port Vue CSO Outfall 2	8/6/2024	Inspection	0.027	1	Hydraulic Overload	0.33	Rain
PV-02	Yes	Port Vue CSO Outfall 2	8/29/2024	Inspection	0.011	0.6	Hydraulic Overload	0.54	Rain
PV-02	Yes	Port Vue CSO Outfall 2	8/30/2024	Inspection	0.063	2	Hydraulic Overload	0.81	Rain
PV-02	Yes	Port Vue CSO Outfall 2	8/31/2024	Inspection	0.146	4.3	Hydraulic Overload	0.89	Rain
PV-04	Yes	Port Vue CSO Outfall 4	8/2/2024	Inspection	0.003	0.3	Hydraulic Overload	0.17	Rain
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 119		6.626	112.51			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - September 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	9/1/2024	Inspection	0.003	0.4	Hydraulic Overload	0.16	Rain
004	Yes	Rebecca Street/Monongahela River	9/6/2024	Inspection	0.000	0.1	Hydraulic Overload	0.53	Rain- (.0002 discharge volume)
004	Yes	Rebecca Street/Monongahela River	9/7/2024	Inspection	0.011	1.2	Hydraulic Overload	0.46	Rain
004	Yes	Rebecca Street/Monongahela River	9/25/2024	Inspection	0.004	0.4	Hydraulic Overload	0.59	Rain
004	Yes	Rebecca Street/Monongahela River	9/30/2024	Inspection	0.022	3.3	Hydraulic Overload	0.7	Rain
005	No	Erie Street/Monongahela River							
006	Yes	Ann Street/Monongahela River	9/6/2024	Inspection	0.001	0.2	Hydraulic Overload	0.53	Rain
006	Yes	Ann Street/Monongahela River	9/25/2024	Inspection	0.004	0.3	Hydraulic Overload	0.59	Rain
007	Yes	Dale Street/Monongahela River	9/6/2024	Inspection	0.007	0.6	Hydraulic Overload	0.53	Rain
007	Yes	Dale Street/Monongahela River	9/7/2024	Inspection	0.006	0.8	Hydraulic Overload	0.46	Rain
007	Yes	Dale Street/Monongahela River	9/25/2024	Inspection	0.006	0.4	Hydraulic Overload	0.59	Rain
008	Yes	Perry Street/Monongahela River	9/6/2024	Inspection	0.027	0.8	Hydraulic Overload	0.53	Rain
008	Yes	Perry Street/Monongahela River	9/7/2024	Inspection	0.040	1.8	Hydraulic Overload	0.46	Rain
008	Yes	Perry Street/Monongahela River	9/25/2024	Inspection	0.046	0.8	Hydraulic Overload	0.59	Rain
008	Yes	Perry Street/Monongahela River	9/30/2024	Inspection	0.010	1.2	Hydraulic Overload	0.7	Rain
009	Yes	Windsor Street/ Monogahela River	9/6/2024	Inspection	0.011	0.7	Hydraulic Overload	0.53	Rain
009	Yes	Windsor Street/ Monogahela River	9/7/2024	Inspection	0.011	0.8	Hydraulic Overload	0.46	Rain
009	Yes	Windsor Street/ Monogahela River	9/25/2024	Inspection	0.029	0.4	Hydraulic Overload	0.59	Rain
010	Yes	Morgan Alley/Monogahela River	9/6/2024	Inspection	0.040	0.8	Hydraulic Overload	0.53	Rain
010	Yes	Morgan Alley/Monogahela River	9/7/2024	Inspection	0.070	1.3	Hydraulic Overload	0.46	Rain
010	Yes	Morgan Alley/Monogahela River	9/25/2024	Inspection	0.049	0.6	Hydraulic Overload	0.59	Rain
010	Yes	Morgan Alley/Monogahela River	9/30/2024	Inspection	0.008	0.8	Hydraulic Overload	0.7	Rain
012	Yes	Fourth Avenue/Youghiogheny River	9/6/2024	Inspection	0.014	0.5	Hydraulic Overload	0.53	Rain
012	Yes	Fourth Avenue/Youghiogheny River	9/7/2024	Inspection	0.005	0.4	Hydraulic Overload	0.46	Rain
012	Yes	Fourth Avenue/Youghiogheny River	9/25/2024	Inspection	0.044	0.5	Hydraulic Overload	0.59	Rain
013	Yes	Fifth Avenue/Youghiogheny River	9/7/2024	Inspection	0.025	0.8	Hydraulic Overload	0.46	Rain
013	Yes	Fifth Avenue/Youghiogheny River	9/25/2024	Inspection	0.030	0.3	Hydraulic Overload	0.59	Rain
014	Yes	Sixth Avenue/Youghiogheny River	9/6/2024	Inspection	0.011	0.3	Hydraulic Overload	0.53	Rain
014	Yes	Sixth Avenue/Youghiogheny River	9/7/2024	Inspection	0.020	0.7	Hydraulic Overload	0.46	Rain
014	Yes	Sixth Avenue/Youghiogheny River	9/25/2024	Inspection	0.056	0.5	Hydraulic Overload	0.59	Rain
015	Yes	Seventh Avenue/Youghiogheny River	9/6/2024	Inspection	0.011	0.6	Hydraulic Overload	0.53	Rain
015	Yes	Seventh Avenue/Youghiogheny River	9/7/2024	Inspection	0.008	1.1	Hydraulic Overload	0.46	Rain
015	Yes	Seventh Avenue/Youghiogheny River	9/25/2024	Inspection	0.058	0.5	Hydraulic Overload	0.59	Rain
015	Yes	Seventh Avenue/Youghiogheny River	9/30/2024	Inspection	0.008	1.1	Hydraulic Overload	0.7	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	9/6/2024	Inspection	0.009	0.8	Hydraulic Overload	0.53	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	9/7/2024	Inspection	0.010	0.6	Hydraulic Overload	0.46	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	9/25/2024	Inspection	0.015	0.3	Hydraulic Overload	0.59	Rain
020	No	Eleventh Avenue/Youghiogheny River							

021	Yes	Twelfth Avenue/Youghiogheny River	9/6/2024	Inspection	0.193	0.5	Hydraulic Overload	0.53	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	9/7/2024	Inspection	0.135	0.4	Hydraulic Overload	0.46	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	9/25/2024	Inspection	0.077	0.3	Hydraulic Overload	0.59	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	9/7/2024	Inspection	0.072	2	Hydraulic Overload	0.46	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	9/25/2024	Inspection	0.006	0.3	Hydraulic Overload	0.59	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	9/2/2024	Inspection	0.002	0.3	Hydraulic Overload	0.16	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	9/6/2024	Inspection	0.018	0.7	Hydraulic Overload	0.53	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	9/7/2024	Inspection	0.103	2.5	Hydraulic Overload	0.46	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	9/25/2024	Inspection	0.050	0.6	Hydraulic Overload	0.59	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	9/30/2024	Inspection	0.026	0.3	Hydraulic Overload	0.7	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	9/2/2024	Inspection	0.000	0.1	Hydraulic Overload	0.16	Rain-(.0002 Discharge Volume)
024	Yes	Eden Park Boulevard/Youghiogheny River	9/6/2024	Inspection	0.012	0.5	Hydraulic Overload	0.53	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	9/7/2024	Inspection	0.051	1.8	Hydraulic Overload	0.46	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	9/25/2024	Inspection	0.006	0.3	Hydraulic Overload	0.59	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	9/30/2024	Inspection	0.017	0.9	Hydraulic Overload	0.7	Rain
025	Yes	Walnut Street/Monongahela River	9/6/2024	Inspection	0.010	0.3	Hydraulic Overload	0.53	Rain
025	Yes	Walnut Street/Monongahela River	9/25/2024	Inspection	0.064	0.5	Hydraulic Overload	0.59	Rain
026	Yes	Walnut Street/Monongahela River	9/7/2024	Inspection	0.046	4	Hydraulic Overload	0.46	Rain
026	Yes	Walnut Street/Monongahela River	9/25/2024	Inspection	0.057	5.2	Hydraulic Overload	0.59	Rain
027	Yes	Huey Street/Monongahela River	9/6/2024	Inspection	0.019	0.7	Hydraulic Overload	0.53	Rain
027	Yes	Huey Street/Monongahela River	9/7/2024	Inspection	0.020	1.6	Hydraulic Overload	0.46	Rain
027	Yes	Huey Street/Monongahela River	9/25/2024	Inspection	0.020	0.4	Hydraulic Overload	0.59	Rain
027	Yes	Huey Street/Monongahela River	9/30/2024	Inspection	0.001	0.2	Hydraulic Overload	0.7	Rain
028	Yes	Martin Street/Monongahela River	9/2/2024	Inspection	0.001	0.2	Hydraulic Overload	0.16	Rain
028	Yes	Martin Street/Monongahela River	9/6/2024	Inspection	0.034	0.8	Hydraulic Overload	0.53	Rain
028	Yes	Martin Street/Monongahela River	9/7/2024	Inspection	0.076	2.1	Hydraulic Overload	0.46	Rain
028	Yes	Martin Street/Monongahela River	9/30/2024	Inspection	0.025	2.2	Hydraulic Overload	0.7	Rain
029	Yes	Center Street/Monongahela River	9/6/2024	Inspection	0.010	0.8	Hydraulic Overload	0.53	Rain
029	Yes	Center Street/Monongahela River	9/7/2024	Inspection	0.030	3.4	Hydraulic Overload	0.46	Rain
029	Yes	Center Street/Monongahela River	9/30/2024	Inspection	0.008	1	Hydraulic Overload	0.7	Rain
030	Yes	Evans Avenue/Monongahela River	9/6/2024	Inspection	0.008	0.5	Hydraulic Overload	0.53	Rain
030	Yes	Evans Avenue/Monongahela River	9/7/2024	Inspection	0.043	1.7	Hydraulic Overload	0.46	Rain
030	Yes	Evans Avenue/Monongahela River	9/25/2024	Inspection	0.028	0.5	Hydraulic Overload	0.59	Rain
030	Yes	Evans Avenue/Monongahela River	9/30/2024	Inspection	0.006	0.4	Hydraulic Overload	0.7	Rain
031	Yes	White Street/Monongahela River	9/25/2024	Inspection	0.007	0.3	Hydraulic Overload	0.59	Rain
032	Yes	Cliff Street/Crooked Run	9/7/2024	Inspection	0.793	3.1	Hydraulic Overload	0.46	Rain
032	Yes	Cliff Street/Crooked Run	9/25/2024	Inspection	0.102	0.7	Hydraulic Overload	0.59	Rain
032	Yes	Cliff Street/Crooked Run	9/30/2024	Inspection	0.084	0.8	Hydraulic Overload	0.7	Rain
033	Yes	Cliff Street/Crooked Run	9/7/2024	Inspection	0.052	3	Hydraulic Overload	0.46	Rain
033	Yes	Cliff Street/Crooked Run	9/25/2024	Inspection	0.063	3.5	Hydraulic Overload	0.59	Rain
033	Yes	Cliff Street/Crooked Run	9/30/2024	Inspection	0.070	4	Hydraulic Overload	0.7	Rain
PV-01	No	Port Vue CSO Outfall 1							

PV-02	No	Port Vue CSO Outfall 2							
PV-04	Yes	Port Vue CSO Outfall 4	9/25/2024	Inspection	0.002	0.3	Hydraulic Overload	0.59	Rain
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 78		3.176	80.4			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - October 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	10/6/2024	Inspection	0.003	0.4	Hydraulic Overload	0.3	Rain
004	Yes	Rebecca Street/Monongahela River	10/13/2024	Inspection	0.004	0.5	Hydraulic Overload	0.17	Rain
004	Yes	Rebecca Street/Monongahela River	10/23/2024	Inspection	0.003	0.3	Hydraulic Overload	0.3	Rain
005	No	Erie Street/Monongahela River							
006	Yes	Ann Street/Monongahela River	10/6/2024	Inspection	0.001	0.1	Hydraulic Overload	0.3	Rain
006	Yes	Ann Street/Monongahela River	10/23/2024	Inspection	0.001	0.2	Hydraulic Overload	0.3	Rain
007	Yes	Dale Street/Monongahela River	10/6/2024	Inspection	0.005	0.3	Hydraulic Overload	0.3	Rain
007	Yes	Dale Street/Monongahela River	10/13/2024	Inspection	0.001	0.2	Hydraulic Overload	0.17	Rain
007	Yes	Dale Street/Monongahela River	10/23/2024	Inspection	0.004	0.2	Hydraulic Overload	0.3	Rain
008	Yes	Perry Street/Monongahela River	10/6/2024	Inspection	0.018	0.5	Hydraulic Overload	0.3	Rain
008	Yes	Perry Street/Monongahela River	10/13/2024	Inspection	0.006	0.5	Hydraulic Overload	0.17	Rain
008	Yes	Perry Street/Monongahela River	10/23/2024	Inspection	0.010	0.5	Hydraulic Overload	0.3	Rain
009	Yes	Windsor Street/ Monogahela River	10/6/2024	Inspection	0.004	0.2	Hydraulic Overload	0.3	Rain
009	Yes	Windsor Street/ Monogahela River	10/23/2024	Inspection	0.001	0.1	Hydraulic Overload	0.3	Rain
010	Yes	Morgan Alley/Monogahela River	10/6/2024	Inspection	0.023	0.3	Hydraulic Overload	0.3	Rain
010	Yes	Morgan Alley/Monogahela River	10/13/2024	Inspection	0.003	0.3	Hydraulic Overload	0.17	Rain
010	Yes	Morgan Alley/Monogahela River	10/23/2024	Inspection	0.019	0.3	Hydraulic Overload	0.3	Rain
012	Yes	Fourth Avenue/Youghiogheny River	10/6/2024	Inspection	0.010	0.2	Hydraulic Overload	0.3	Rain
012	Yes	Fourth Avenue/Youghiogheny River	10/23/2024	Inspection	0.009	0.2	Hydraulic Overload	0.3	Rain
013	Yes	Fifth Avenue/Youghiogheny River	10/6/2024	Inspection	0.016	0.5	Hydraulic Overload	0.3	Rain
013	Yes	Fifth Avenue/Youghiogheny River	10/23/2024	Inspection	0.026	0.4	Hydraulic Overload	0.3	Rain
014	Yes	Sixth Avenue/Youghiogheny River	10/6/2024	Inspection	0.008	0.2	Hydraulic Overload	0.3	Rain
014	Yes	Sixth Avenue/Youghiogheny River	10/23/2024	Inspection	0.009	0.2	Hydraulic Overload	0.3	Rain
015	Yes	Seventh Avenue/Youghiogheny River	10/6/2024	Inspection	0.014	0.3	Hydraulic Overload	0.3	Rain
015	Yes	Seventh Avenue/Youghiogheny River	10/13/2024	Inspection	0.001	0.1	Hydraulic Overload	0.17	Rain
015	Yes	Seventh Avenue/Youghiogheny River	10/23/2024	Inspection	0.006	0.2	Hydraulic Overload	0.3	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	10/6/2024	Inspection	0.008	0.3	Hydraulic Overload	0.3	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	10/23/2024	Inspection	0.007	0.3	Hydraulic Overload	0.3	Rain
020	No	Eleventh Avenue/Youghiogheny River							
021	Yes	Twelfth Avenue/Youghiogheny River	10/6/2024	Inspection	0.100	0.5	Hydraulic Overload	0.3	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	10/11/2024	Inspection	0.107	0.5	Hydraulic Overload		Water Main Break
021	Yes	Twelfth Avenue/Youghiogheny River	10/13/2024	Inspection	0.031	0.2	Hydraulic Overload	0.17	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	10/23/2024	Inspection	0.049	0.3	Hydraulic Overload	0.3	Rain
022	Yes	Thirteenth Avenue/Youghiogheny River	10/6/2024	Inspection	0.003	0.2	Hydraulic Overload	0.3	Rain

023	Yes	Twenty-Eighth Avenue/Youghiogheny River	10/6/2024	Inspection	0.079	0.3	Hydraulic Overload	0.3	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	10/13/2024	Inspection	0.002	0.2	Hydraulic Overload	0.17	Rain
023	Yes	Twenty-Eighth Avenue/Youghiogheny River	10/23/2024	Inspection	0.014	0.3	Hydraulic Overload	0.3	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	10/6/2024	Inspection	0.018	0.4	Hydraulic Overload	0.3	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	10/13/2024	Inspection	0.003	0.2	Hydraulic Overload	0.17	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	10/23/2024	Inspection	0.008	0.3	Hydraulic Overload	0.3	Rain
025	Yes	Walnut Street/Monongahela River	10/6/2024	Inspection	0.017	0.2	Hydraulic Overload	0.3	Rain
025	Yes	Walnut Street/Monongahela River	10/23/2024	Inspection	0.006	0.2	Hydraulic Overload	0.3	Rain
026	No	Walnut Street/Monongahela River							
027	Yes	Huey Street/Monongahela River	10/6/2024	Inspection	0.007	0.3	Hydraulic Overload	0.3	Rain
027	Yes	Huey Street/Monongahela River	10/13/2024	Inspection	0.001	0.2	Hydraulic Overload	0.17	Rain
027	Yes	Huey Street/Monongahela River	10/23/2024	Inspection	0.008	0.3	Hydraulic Overload	0.3	Rain
028	Yes	Martin Street/Monongahela River	10/6/2024	Inspection	0.019	0.4	Hydraulic Overload	0.3	Rain
028	Yes	Martin Street/Monongahela River	10/13/2024	Inspection	0.011	0.5	Hydraulic Overload	0.17	Rain
028	Yes	Martin Street/Monongahela River	10/23/2024	Inspection	0.015	0.3	Hydraulic Overload	0.3	Rain
029	Yes	Center Street/Monongahela River	10/6/2024	Inspection	0.010	0.7	Hydraulic Overload	0.3	Rain
029	Yes	Center Street/Monongahela River	10/13/2024	Inspection	0.006	0.8	Hydraulic Overload	0.17	Rain
029	Yes	Center Street/Monongahela River	10/23/2024	Inspection	0.014	0.6	Hydraulic Overload	0.3	Rain
030	Yes	Evans Avenue/Monongahela River	10/6/2024	Inspection	0.050	0.3	Hydraulic Overload	0.3	Rain
030	Yes	Evans Avenue/Monongahela River	10/13/2024	Inspection	0.002	0.2	Hydraulic Overload	0.17	Rain
030	Yes	Evans Avenue/Monongahela River	10/23/2024	Inspection	0.029	0.3	Hydraulic Overload	0.3	Rain
031	No	White Street/Monongahela River							
032	Yes	Cliff Street/Crooked Run	10/6/2024	Inspection	0.129	0.6	Hydraulic Overload	0.3	Rain
032	Yes	Cliff Street/Crooked Run	10/23/2024	Inspection	0.026	0.3	Hydraulic Overload	0.3	Rain
033	Yes	Cliff Street/Crooked Run	10/6/2024	Inspection	0.014	0.5	Hydraulic Overload	0.3	Rain
033	Yes	Cliff Street/Crooked Run	10/13/2024	Inspection	0.020	0.4	Hydraulic Overload	0.17	Rain
033	Yes	Cliff Street/Crooked Run	10/23/2024	Inspection	0.012	0.4	Hydraulic Overload	0.3	Rain
PV-01	No	Port Vue CSO Outfall 1							
PV-02	No	Port Vue CSO Outfall 2							
PV-04	No	Port Vue CSO Outfall 4							
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 57		1.030	18.7			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - November 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	11/10/2024	Inspection	0.048	3.7	Hydraulic Overload	0.86	Rain
004	Yes	Rebecca Street/Monongahela River	11/14/2024	Inspection	0.021	1.4	Hydraulic Overload	0.47	Rain
004	Yes	Rebecca Street/Monongahela River	11/20/2024	Inspection	0.002	0.3	Hydraulic Overload	0.22	Rain
004	Yes	Rebecca Street/Monongahela River	11/22/2024	Inspection	0.038	2.9	Hydraulic Overload	0.44	Rain
004	Yes	Rebecca Street/Monongahela River	11/23/2024	Inspection	0.032	2.4	Hydraulic Overload	0.34	Rain
004	Yes	Rebecca Street/Monongahela River	11/26/2024	Inspection	0.007	0.8	Hydraulic Overload	0.27	Rain
004	Yes	Rebecca Street/Monongahela River	11/27/2024	Inspection	0.024	1.4	Hydraulic Overload	0.26	Rain
004	Yes	Rebecca Street/Monongahela River	11/28/2024	Inspection	0.032	2.3	Hydraulic Overload	0.4	Rain
005	No	Erie Street/Monongahela River							
006	No	Ann Street/Monongahela River							
007	Yes	Dale Street/Monongahela River	11/10/2024	Inspection	0.004	0.8	Hydraulic Overload	0.86	Rain
007	Yes	Dale Street/Monongahela River	11/26/2024	Inspection	0.003	0.3	Hydraulic Overload	0.27	Rain
008	Yes	Perry Street/Monongahela River	11/10/2024	Inspection	0.032	3.6	Hydraulic Overload	0.86	Rain
008	Yes	Perry Street/Monongahela River	11/14/2024	Inspection	0.011	1.6	Hydraulic Overload	0.47	Rain
008	Yes	Perry Street/Monongahela River	11/20/2024	Inspection	0.002	0.3	Hydraulic Overload	0.22	Rain
008	Yes	Perry Street/Monongahela River	11/22/2024	Inspection	0.017	2.8	Hydraulic Overload	0.44	Rain
008	Yes	Perry Street/Monongahela River	11/23/2024	Inspection	0.014	1.8	Hydraulic Overload	0.34	Rain
008	Yes	Perry Street/Monongahela River	11/26/2024	Inspection	0.019	1.3	Hydraulic Overload	0.27	Rain
008	Yes	Perry Street/Monongahela River	11/27/2024	Inspection	0.021	1.7	Hydraulic Overload	0.26	Rain
008	Yes	Perry Street/Monongahela River	11/28/2024	Inspection	0.040	4.8	Hydraulic Overload	0.4	Rain
009	No	Windsor Street/ Monogahela River							
010	Yes	Morgan Alley/Monogahela River	11/10/2024	Inspection	0.012	1.1	Hydraulic Overload	0.86	Rain
010	Yes	Morgan Alley/Monogahela River	11/26/2024	Inspection	0.007	0.9	Hydraulic Overload	0.27	Rain
012	Yes	Fourth Avenue/Youghiogheny River	11/26/2024	Inspection	0.001	0.2	Hydraulic Overload	0.27	Rain
013	No	Fifth Avenue/Youghiogheny River							
014	No	Sixth Avenue/Youghiogheny River							
015	Yes	Seventh Avenue/Youghiogheny River	11/10/2024	Inspection	0.002	0.3	Hydraulic Overload	0.86	Rain
015	Yes	Seventh Avenue/Youghiogheny River	11/26/2024	Inspection	0.001	0.3	Hydraulic Overload	0.27	Rain
015	Yes	Seventh Avenue/Youghiogheny River	11/28/2024	Inspection	0.001	0.4	Hydraulic Overload	0.4	Rain
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	11/10/2024	Inspection	0.008	1.2	Hydraulic Overload	0.86	Rain
020	No	Eleventh Avenue/Youghiogheny River							
021	Yes	Twelfth Avenue/Youghiogheny River	11/10/2024	Inspection	0.041	0.8	Hydraulic Overload	0.86	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	11/26/2024	Inspection	0.012	0.3	Hydraulic Overload	0.27	Rain
021	Yes	Twelfth Avenue/Youghiogheny River	11/27/2024	Inspection	0.007	0.3	Hydraulic Overload	0.26	Rain
022	No	Thirteenth Avenue/Youghiogheny River							

023	Yes	Twenty-Eighth Avenue/Youghiogheny River	11/10/2024	Inspection	0.029	0.7	Hydraulic Overload	0.86	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	11/10/2024	Inspection	0.047	2.1	Hydraulic Overload	0.86	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	11/20/2024	Inspection	0.002	0.3	Hydraulic Overload	0.22	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	11/22/2024	Inspection	0.001	0.3	Hydraulic Overload	0.44	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	11/26/2024	Inspection	0.004	0.3	Hydraulic Overload	0.27	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	11/27/2024	Inspection	0.005	0.5	Hydraulic Overload	0.26	Rain
024	Yes	Eden Park Boulevard/Youghiogheny River	11/28/2024	Inspection	0.005	0.4	Hydraulic Overload	0.4	Rain
025	Yes	Walnut Street/Monongahela River	11/10/2024	Inspection	0.001	0.1	Hydraulic Overload	0.86	Rain
025	Yes	Walnut Street/Monongahela River	11/26/2024	Inspection	0.002	0.2	Hydraulic Overload	0.27	Rain
026	Yes	Walnut Street/Monongahela River	11/10/2024	Inspection	0.051	0.7	Hydraulic Overload	0.86	Rain
026	Yes	Walnut Street/Monongahela River	11/26/2024	Inspection	0.013	0.3	Hydraulic Overload	0.27	Rain
027	Yes	Huey Street/Monongahela River	11/10/2024	Inspection	0.002	0.4	Hydraulic Overload	0.86	Rain
027	Yes	Huey Street/Monongahela River	11/26/2024	Inspection	0.004	0.4	Hydraulic Overload	0.27	Rain
028	Yes	Martin Street/Monongahela River	11/10/2024	Inspection	0.035	2.2	Hydraulic Overload	0.86	Rain
028	Yes	Martin Street/Monongahela River	11/14/2024	Inspection	0.006	1.3	Hydraulic Overload	0.47	Rain
028	Yes	Martin Street/Monongahela River	11/20/2024	Inspection	0.002	0.3	Hydraulic Overload	0.22	Rain
028	Yes	Martin Street/Monongahela River	11/22/2024	Inspection	0.014	2.4	Hydraulic Overload	0.44	Rain
028	Yes	Martin Street/Monongahela River	11/26/2024	Inspection	0.019	0.8	Hydraulic Overload	0.27	Rain
029	Yes	Center Street/Monongahela River	11/10/2024	Inspection	0.001	0.3	Hydraulic Overload	0.86	Rain
029	Yes	Center Street/Monongahela River	11/26/2024	Inspection	0.003	0.5	Hydraulic Overload	0.27	Rain
030	Yes	Evans Avenue/Monongahela River	11/10/2024	Inspection	0.006	0.3	Hydraulic Overload	0.86	Rain
031	Yes	White Street/Monongahela River	11/10/2024	Inspection	0.007	0.8	Hydraulic Overload	0.86	Rain
031	Yes	White Street/Monongahela River	11/14/2024	Inspection	0.001	0.3	Hydraulic Overload	0.47	Rain
031	Yes	White Street/Monongahela River	11/22/2024	Inspection	0.002	0.4	Hydraulic Overload	0.44	Rain
031	Yes	White Street/Monongahela River	11/26/2024	Inspection	0.001	0.1	Hydraulic Overload	0.27	Rain
031	Yes	White Street/Monongahela River	11/27/2024	Inspection	0.010	0.7	Hydraulic Overload	0.26	Rain
031	Yes	White Street/Monongahela River	11/28/2024	Inspection	0.010	1	Hydraulic Overload	0.4	Rain
032	Yes	Cliff Street/Crooked Run	11/10/2024	Inspection	1.275	8.8	Hydraulic Overload	0.86	Rain
033	Yes	Cliff Street/Crooked Run	11/10/2024	Inspection	0.020	1.3	Hydraulic Overload	0.86	Rain
033	Yes	Cliff Street/Crooked Run	11/26/2024	Inspection	0.003	0.3	Hydraulic Overload	0.27	Rain
PV-01	No	Port Vue CSO Outfall 1							
PV-02	No	Port Vue CSO Outfall 2							
PV-04	No	Port Vue CSO Outfall 4							
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 58		2.040	68.5			

Pennsylvania American Water - McKeesport Wastewater - McKeesport WWTP & Collection System Combine Sewer Overflow Summary - December 2024

CSO Outfall No.	CSO Event Occur	Outfall Location	Date of Discharge	Event Identification	Discharge Volume (MG)	Duration (Hrs)	Cause of Overflow	Precipitation (in)	Comments
004	Yes	Rebecca Street/Monongahela River	12/9/2024	Inspection	0.081	4	Hydraulic Overload	0.59	Precipitation
004	Yes	Rebecca Street/Monongahela River	12/16/2024	Inspection	0.008	0.6	Hydraulic Overload	0.24	Precipitation
004	Yes	Rebecca Street/Monongahela River	12/17/2024	Inspection	0.003	0.3	Hydraulic Overload	0.01	Precipitation
004	Yes	Rebecca Street/Monongahela River	12/18/2024	Inspection	0.004	0.4	Hydraulic Overload	0.26	Precipitation
004	Yes	Rebecca Street/Monongahela River	12/31/2024	Inspection	0.011	0.7	Hydraulic Overload	0.25	Precipitation
005	No	Erie Street/Monongahela River							
006	No	Ann Street/Monongahela River							
007	Yes	Dale Street/Monongahela River	12/29/2024	Inspection	0.001	0.2	Hydraulic Overload	0.11	Precipitation
008	Yes	Perry Street/Monongahela River	12/5/2024	Inspection	0.014	1.1	Hydraulic Overload	1.1	Precipitation
008	Yes	Perry Street/Monongahela River	12/9/2024	Inspection	0.063	3.7	Hydraulic Overload	3.7	Precipitation
008	Yes	Perry Street/Monongahela River	12/16/2024	Inspection	0.026	2.7	Hydraulic Overload	2.7	Precipitation
008	Yes	Perry Street/Monongahela River	12/29/2024	Inspection	0.005	0.3	Hydraulic Overload	0.3	Precipitation
009	No	Windsor Street/ Monogahela River							
010	Yes	Morgan Alley/Monogahela River	12/17/2024	Inspection	0.003	0.6	Hydraulic Overload	0.01	Precipitation
010	Yes	Morgan Alley/Monogahela River	12/29/2024	Inspection	0.005	0.5	Hydraulic Overload	0.11	Precipitation
010	Yes	Morgan Alley/Monogahela River	12/31/2024	Inspection	0.001	0.3	Hydraulic Overload	0.25	Precipitation
012	No	Fourth Avenue/Youghiogheny River							
013	No	Fifth Avenue/Youghiogheny River							
014	No	Sixth Avenue/Youghiogheny River							
015	Yes	Seventh Avenue/Youghiogheny River	12/9/2024	Inspection	0.010	1.9	Hydraulic Overload	0.59	Precipitation
015	Yes	Seventh Avenue/Youghiogheny River	12/29/2024	Inspection	0.001	0.2	Hydraulic Overload	0.11	Precipitation
018	Yes	Ninth Avenue (017 combined with 018)/Yough River	12/9/2024	Inspection	0.031	1.4	Hydraulic Overload	0.59	Precipitation
020	No	Eleventh Avenue/Youghiogheny River							
021	Yes	Twelfth Avenue/Youghiogheny River	12/9/2024	Inspection	0.034	0.3	Hydraulic Overload	0.59	Precipitation
021	Yes	Twelfth Avenue/Youghiogheny River	12/16/2024	Inspection	0.027	0.5	Hydraulic Overload	0.24	Precipitation
021	Yes	Twelfth Avenue/Youghiogheny River	12/29/2024	Inspection	0.054	0.8	Hydraulic Overload	0.11	Precipitation
021	Yes	Twelfth Avenue/Youghiogheny River	12/31/2024	Inspection	0.040	0.5	Hydraulic Overload	0.25	Precipitation
022	No	Thirteenth Avenue/Youghiogheny River							
023	No	Twenty-Eighth Avenue/Youghiogheny River							
024	Yes	Eden Park Boulevard/Youghiogheny River	12/9/2024	Inspection	0.017	1.9	Hydraulic Overload	0.59	Precipitation
024	Yes	Eden Park Boulevard/Youghiogheny River	12/16/2024	Inspection	0.007	0.4	Hydraulic Overload	0.24	Precipitation
024	Yes	Eden Park Boulevard/Youghiogheny River	12/25/2024	Inspection	0.041	3.1	Hydraulic Overload		Water Main Break
024	Yes	Eden Park Boulevard/Youghiogheny River	12/29/2024	Inspection	0.005	0.3	Hydraulic Overload	0.11	Precipitation

024	Yes	Eden Park Boulevard/Youghiogheny River	12/31/2024	Inspection	0.001	0.2	Hydraulic Overload	0.25	Precipitation
025	Yes	Walnut Street/Monongahela River	12/29/2024	Inspection	0.002	0.2	Hydraulic Overload	0.11	Precipitation
026	Yes	Walnut Street/Monongahela River	12/9/2024	Inspection	0.018	0.3	Hydraulic Overload	0.59	Precipitation
027	Yes	Huey Street/Monongahela River	12/16/2024	Inspection	0.001	0.1	Hydraulic Overload	0.24	Precipitation
027	Yes	Huey Street/Monongahela River	12/29/2024	Inspection	0.003	0.3	Hydraulic Overload	0.11	Precipitation
028	Yes	Martin Street/Monongahela River	12/9/2024	Inspection	0.019	2.5	Hydraulic Overload	0.59	Precipitation
028	Yes	Martin Street/Monongahela River	12/18/2024	Inspection	0.001	0.3	Hydraulic Overload	0.26	Precipitation
028	Yes	Martin Street/Monongahela River	12/29/2024	Inspection	0.018	0.3	Hydraulic Overload	0.11	Precipitation
029	Yes	Center Street/Monongahela River	12/9/2024	Inspection	0.018	4.3	Hydraulic Overload	0.59	Precipitation
029	Yes	Center Street/Monongahela River	12/18/2024	Inspection	0.006	1.9	Hydraulic Overload	0.26	Precipitation
029	Yes	Center Street/Monongahela River	12/29/2024	Inspection	0.010	0.9	Hydraulic Overload	0.11	Precipitation
029	Yes	Center Street/Monongahela River	12/31/2024	Inspection	0.005	0.5	Hydraulic Overload	0.25	Precipitation
030	Yes	Evans Avenue/Monongahela River	12/9/2024	Inspection	0.019	2.7	Hydraulic Overload	0.59	Precipitation
030	Yes	Evans Avenue/Monongahela River	12/29/2024	Inspection	0.002	1	Hydraulic Overload	0.11	Precipitation
031	Yes	White Street/Monongahela River	12/9/2024	Inspection	0.124	5.8	Hydraulic Overload	0.59	Precipitation
031	Yes	White Street/Monongahela River	12/11/2024	Inspection	0.038	0.1	Hydraulic Overload	0.15	Precipitation
031	Yes	White Street/Monongahela River	12/16/2024	Inspection	0.012	0.4	Hydraulic Overload	0.24	Precipitation
031	Yes	White Street/Monongahela River	12/29/2024	Inspection	0.006	0.3	Hydraulic Overload	0.11	Precipitation
031	Yes	White Street/Monongahela River	12/31/2024	Inspection	0.007	0.6	Hydraulic Overload	0.25	Precipitation
032	Yes	Cliff Street/Crooked Run	12/9/2024	Inspection	0.119	1.4	Hydraulic Overload	0.59	Precipitation
033	Yes	Cliff Street/Crooked Run	12/9/2024	Inspection	0.011	2.3	Hydraulic Overload	0.59	Precipitation
PV-01	No	Port Vue CSO Outfall 1							
PV-02	No	Port Vue CSO Outfall 2							
PV-04	No	Port Vue CSO Outfall 4							
PV-05	No	Port Vue CSO Outfall 5							
Total			Total CSO Events: 45		0.932	53.1			

ATTACHMENT L
CALIBRATION REPORTS FOR FLOW METERS



KWM CONTROLS INC.

P.O. Box 430 Carnegie, PA 15106 412-276-4227 Fax 412-276-7488

Certificate of Calibration

McKeesport WWTP
100 Atlantic Ave.
McKeesport PA 15132

Date 7-23-24

Type: Amttek
Serial#: 200851
Model#: open channel
Location: effluent

Flow Range: 0-60 MGD
Primary Element: 120" Rec.
Signal: 4-20maDC

	Pre Calibration	Post Calibration	Flow Reading
Level	3.63 MGD	No change	3.63 MGD
0%	4.00 maDC	4.00 maDC	0 MGD
25%	8.00 maDC	8.00 maDC	12.5 MGD
50%	12.00 maDC	12.00 maDC	25 MGD
75%	16.00 maDC	16.00 maDC	37.5 MGD
100%	20.00 maDC	20.00 maDC	50 MGD

Additional comments:



KWM CONTROLS INC.

P.O. Box 430 Carnegie, PA 15106 412-276-4227 Fax 412-276-7488

Certificate of Calibration

McKeesport WWTP

Date 7-23-24

100 Atlantic Ave.
McKeesport PA 15132

Type: Krohne
Serial#: S12311282
Model#: IFC 300
Location: Main plant . P.S.

Flow Range: 0-20,000 GPM
Primary Element: 24"
Signal: 4-20maDC

	Pre Calibration	Post Calibration	Scada Flow Reading
Reading thru primary element	4189 GPM	No change	
0%	4.00 maDC	4.00 maDC	0 GPM
25%	8.00 maDC	8.00 maDC	5000 GPM
50%	12.00 maDC	12.00 maDC	10,000 GPM
75%	16.00 maDC	16.00 maDC	15,000 GPM
100%	20.00 maDC	20.00 maDC	20,000 GPM

Additional comments:



KWM CONTROLS INC.

P.O. Box 430 Carnegie, PA 15106 412-276-4227 Fax 412-276-7488

Certificate of Calibration

McKeesport WWTP

Date 7-23-24

100 Atlantic Ave.
McKeesport PA 15132

Type: Krohne
Serial#: S12311488
Model#: IFC 300
Location: West shore P.S.

Flow Range: 0-25,000 GPM
Primary Element: 36"
Signal: 4-20maDC

	Pre Calibration	Post Calibration	Scada Flow Reading
Reading thru primary element	2577 GPM	No change	
0%	4.00 maDC	4.00 maDC	0 GPM
25%	8.00 maDC	8.00 maDC	6250 GPM
50%	12.00 maDC	12.00 maDC	12,500 GPM
75%	16.00 maDC	16.00 maDC	18,750 GPM
100%	20.00 maDC	20.00 maDC	25,000 GPM

Additional comments:

ATTACHMENT M

TRIBUTARY MUNICIPALITY
WASTELOAD MANAGEMENT REPORTS

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WWTP AND COLLECTION SYSTEM
2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **Versailles Borough**

Information furnished by: Nathaniel S. Hayes, P.E. Date: March 4, 2025

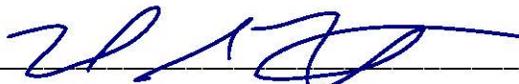
Company: The Gateway Engineers, Inc.

Name: Nathaniel S. Hayes, P.E.

Address: 100 McMorris Road, Pittsburgh, PA 15205

Phone: 412-409-2367 Fax: _____

Signature of Permittee _____

Report Prepare Signature  _____

1.) Total Present Number of EDU's connected to PAWC system:

*EDU = 350 gpd

Residential	852
Commercial	20
Industrial	- 0 -

2.) Total EDUs connected to PAWC system during 2024:

*EDU = 350 gpd

Residential	852
Commercial	20
Industrial	- 0 -

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	852	26		878	
2026	852	26		878	
2027	852	26		878	
2028	852	26		878	
2029	852	26		878	
Beyond 2029	852	26		878	
Total	5,112	156		5,268	

- 4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area. **N/A**

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining

- 5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area. **N/A**

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)

- 6.) Identify any industries discharging into your sanitary sewer system

No industrial discharges are connected to the sanitary sewer system

- 7.) Are the industries covered by an Industrial Waste Ordinance or Regulations? **N/A**

- 8.) If any industries are known to be causing a problem, have corrective actions been proposed?

N/A

- 9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

- a. Define the routine completed in **2024**

Maintenance is performed on an as needed basis by the Public Works Department.

- b. Describe any special activities in **2024**

The Borough completed Sanitary CCTV program in 2024.

Total of 35,714.8 LF was currently CCTV

- c. List the number and type(s) of personnel used.

1 - full time

1 - part time

- d. List the number and type(s) of equipment used.

backhoe

dump truck

- e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

N/A

- 10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

The Borough is continuing to enforce the removal of illegal stormwater connections previously identified in the Dye Testing program.

- 11.) Describe any required maintenance and control of combined sewer regulations during **2024** (if applicable).

There are no diversion chambers in the Borough

12.) Describe the sewer system condition as follows:

- a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

There are no known areas where conveyance capacity is being exceeded or will be exceeded in the next five years during dry weather flows.

- b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

- c. Estimate any wet weather overflow volumes and note their locations on a map.

N/A

13.) Provide Discussion and data on any sewage pumping station (if applicable): N/A

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*

* Based on Average Annual Flow

14.) Describe any plans to be taken to reduce or eliminate:

- a. Surface water connections.

Separation of the system has already occurred. Manholes are periodically pulled to visually inspect condition assessments and dry weather flow.

b. Downspout connections.

Separation of the system has already occurred. Manholes are periodically pulled to visually inspect condition assessments and dry weather flow.

c. Combined sewer flows.

Separation of the system has already occurred. Manholes are periodically pulled to visually inspect condition assessments and dry weather flow.

d. Infiltration.

Separation of the system has already occurred. Manholes are periodically pulled to visually inspect condition assessments and dry weather flow. Year over year replacement of distressed sections occur based on periodic CCTV review.

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WWTP AND COLLECTION SYSTEM
2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **Elizabeth Township**

Information furnished by: Doug Speir Date: 3/11/2025

Company: Veolia Water

Name: Doug Speir

Address: 21 Janette Circle
 Irwin, PA 15642

Phone: (440) 344-2781 Fax: _____

Signature of Permittee Jaime Montgomery

Report Prepare Signature [Signature]

1.) Total Present Number of EDU's connected to PAWC system:

Residential	1,379
Commercial	286
Industrial	13

2.) Total EDUs connected to PAWC system during **2024**:

Residential	0
Commercial	0
Industrial	0

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025					
2026					
2027					
2028					
2029					
Beyond 2029					
Total	1,379	286	13	1,678	5,873

- 4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining
None				

- 5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)
None			

- 6.) Identify any industries discharging into your sanitary sewer system

Elizabeth Township has 2 accounts under Vista Metals (1024 E Smithfield St, Boston PA 15135)

- 7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

Yes, all discharge must meet sanitary sewer use regulations.

- 8.) If any industries are known to be causing a problem, have corrective actions been proposed?

No issues requiring corrective actions.

9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

a. Define the routine completed in **2024**

The sewer systems routine monitoring and maintenance includes flushing, dye testing, and CCTV to clear and visually ensure all lines are in good condition to avoid I&I and overflows. Conducted weekly maintenance of all pump stations and completed repairs and replacements as necessary.

b. Describe any special activities in **2024**

Completed Installation of EQ system at BV pump station. Installed bioxide odor control system at Buena Vista Pump Station. Completed construction of Buena Vista Pump Station including the EQ system. Completed installation of Boston pump station. Completed the upgrade of Lovedale Pump Station.

c. List the number and type(s) of personnel used.

*(1) Certified Operator of record
(2) Two (2) System Operators.*

d. List the number and type(s) of equipment used.

*One (1) CCTV
One (1) Flusher Truck
One (1) Skid Steer*

e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

Sampling was conducted at Buena Vista and Boston Pump Stations pursuant to odor control. No routine sampling occurred in 2024 due to termination of NPDES Permit.

10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

One hundred forty three (143) Dye tests conducted in 2024.

11.) Describe any required maintenance and control of combined sewer regulations during **2024** (if applicable).

See attached list collection System Maintenance conducted in 2024.

12.) Describe the sewer system condition as follows:

- a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

Buena Vista STP was decommissioned in June 2023 and flows are now diverted to the Boston Pump Station. Both pump stations experienced a total of forty eight (48) overflows in 2024 – thirty nine (39) overflows at Buena Vista Pump Station and nine (9) overflows at Boston Pump Station. Minimal Overflows are possible until outlying/smaller pump stations are upgraded per consent order and agreement.

- b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

Due to construction completion for Buena Vista Pump Station and Boston Pump Station upgrades in 2023, no rehabilitation is expected other than routine maintenance and inspection by Veolia.

- c. Estimate any wet weather overflow volumes and note their locations on a map.

Duncan Station - unknown volume

13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
Buena Vista Pump Station	5000 gpm			
Boston Pump Station	8932 gpm			

* Based on Average Annual Flow

14.) Describe any plans to be taken to reduce or eliminate:

- a. Surface water connections.

Dye testing and surface water intrusion inspections are conducted throughout the year.

- b. Downspout connections.

Dye tests are conducted at home sale and property transfers throughout the year.

- c. Combined sewer flows.

There are no combined sewers.

- d. Infiltration.

CCTV are conducted throughout the year to inspect line conditions.

Collection System Maintenance 2024

CCTV

- Jan 5th: Boston Hollow Road, manhole #1226 to manhole #1244.
- Jan 17th: Pinecrest Drive, manhole #485 to manhole #546.
- Jan 23rd: Lake Drive, manhole #3227 to manhole #3227A.
- Feb 5th: Swallow Hill Road, Lebanon Road, Mt. Vernon Area; manhole #3179 to manhole #3177, manhole #3180 to manhole #3178, manhole #3182 to manhole #3183,
- Feb 6th: Swallow Hill Road, Lebanon Road, Mt. Vernon Area; manhole #3183 to manhole #3184, manhole #3184 to manhole #3185, manhole #3185 to manhole #3186,
- Feb 7th: Swallow Hill Road, Lebanon Road, Mt. Vernon Area; manhole #3188 to manhole #3196, manhole #3187 to manhole #3193, manhole #3193 to manhole # 3194, manhole #3187 to manhole #3191.
- Feb 8th: Rothey Drive, manhole #3052 to manhole #3053.
- Feb 9th: Rothey Drive, manhole #3052 to manhole #3051.
- Feb 14th: Twele Road, manhole #2503 to manhole #2498.
- Feb 15th: Penrod Street, storm sewers.
- Mar 6th: Boston, storm sewers.
- Mar 12th: High Street, manhole #1183 to manhole #2101.
- Mar 29th: Twele Road, manhole #2495 to manhole #2487.
- Apr 11th: Country Club Drive, manhole #1030 to manhole #1031.
- June 10th: Frederick Drive, manhole #1849 and 4 manholes with no number assigned.
- June 12th: Industry Road, manhole #1616 to manhole #1617, manhole #1617 to manhole #1569.
- Aug 2nd: Monongahela Drive, manhole #1525 to manhole #1521.
- Aug 12th: Lebanon Drive, storm lines.

Flushing

- Jan 5th: Boston Hollow Road, flushed from manhole #1226 to manhole #1244.
- Jan 16th: Pinecrest Drive, manhole #563 to #546, manhole #562 to manhole #563, manhole #485 to manhole #562.
- Jan 23rd: Lake Drive, manhole #3227 to manhole #3227A.
- Feb 8th: Rothey Drive, manhole #3052 to manhole #3053.
- Feb 9th: Rothey Drive, manhole #3052 to manhole #3051.

- Feb 13th: Twele Road, manhole #2503 to manhole #2498.
- Feb 21st: Lebanon Drive, manhole #3182 to manhole #3180.
- Mar 11th: High Street, manhole #1183 to manhole #2101.
- Mar 28th: Twele Road, manhole #2495 to manhole #2487.
- Apr 11th: Country Club Drive, manhole #1030 to manhole #1031.
- Apr 17th: Duncan Street, storm line.
- Apr 29th: Constitution Boulevard, manhole #575 to manhole #573, manhole #573 to manhole #572.
- Apr 30th: Clydesdale Road, manhole #295 to manhole #294.
- May 16th: Similo Drive, manhole #2408 to manhole #2407, manhole #2408 to manhole #2409.
- June 10th: Frederick Drive, manhole #1849 and 4 manholes with no number assigned.
- June 26th: Smithfield Street, manhole #261 to manhole #415.
- July 8th: Duncan Street, storm line.
- Aug 2nd: Monongahela Drive, manhole #1525 to manhole #1521.
- Aug 26th: Lebanon Drive, manhole #2554 to manhole #2555.
- Sep 21st: Roslyn Street, manhole #1358 to manhole #1359.
- Sep 24th: Roslyn Street, manhole #1353 to manhole #1356, manhole #1356 to manhole #1357.
- Oct 10th: High Street, manhole #1133 to manhole #1132.
- Oct 16th: Air valves on force main near Buena Vista pump station.
- Oct 17th: Air valves on force main near Boston pump station.
- Oct 22nd: Clover Drive, manhole #2221 to manhole #2223.
- Oct 29th: Ridge Road, manhole #1067 to manhole #1068, manhole #1067 to manhole #1066.
- Nov 4th: Smithfield Street, manhole #2473 to manhole #2467.
- Nov 9th: Enterprise Street, manhole 2439 to manhole #2438, manhole #2440 to manhole #2439, manhole #2655 to manhole #2440, manhole #821 to manhole #2655, manhole 3820 to manhole #821.
- Nov 14th: Air valves near Dravos Cemetery.
- Nov 15th: Air valves on force main near Buena Vista pump station.
- Nov 18th: Air valves on force main near Boston pump station.
- Dec 18th: Roslyn Street, manhole #1358 to manhole #1359.
- Dec 26th: Briarwood Drive, manhole #1974 to manhole #1973.

Line/Manhole Replacement/Repairs

- Feb 13th: 330 Rothery Drive, replaced 40 feet of line near manhole #3053, and 50 feet of line near manhole #3052, dug manhole out of road and raised two feet with risers.
- Feb 16th: Holsing Street, replaced manhole lid on manhole #1293.
- Feb 20th: 110 Mt. Vernon Drive, replaced two lateral connections and 12 feet of line.
- Apr 14th: Replaced 10 feet of line near Boston Pump Station.
- July 8th: Howell Street, replaced 20 feet of line.
- July 9th: Howell Street, replaced 14 feet of line.
- Sep 30th: 2210 Ridge Road, replaced 6 feet of line and one lateral connection.
- Nov 21st: Fallen Timber Road, replaced air valve for Simpson-Howell force main.
- Dec 31st: Replaced manhole lid at Swiss Alpine Village, no manhole number.

of dye tests completed: 143



P: 412-824-5672 • F: 412-824-9587 • E: info@glennengr.com

www.glennengr.com • 14920 State Route 30 North Huntingdon, PA 15642

February 25, 2025

Pennsylvania American Water Company
100 Atlantic Ave.
McKeesport, PA 15132

Attention: Michael R. Tedesco
Sr. Supervisor Operations

Re: Annual Wasteload Management Report - Chapter 94
McKeesport Treatment Area
Operating Year 2024

Dear Mr. Tedesco,

Please find enclosed, for North Versailles Township Sanitary Authority, the Annual Wasteload Management Report for 2024, on your form, as requested.

I trust this report will address the items requested; however, should you have any questions regarding this matter, please do not hesitate to contact me at 412-824-5672, extension 114.

Very truly yours,

A handwritten signature in blue ink that reads "Richard C. Hinkle".

Richard C. Hinkle
Engineering Associate

Enclosure

c: North Versailles Township Sanitary Authority w/ Encl.

Report shall be sent via email only to Michael R. Tedesco
Sr. Supervisor Operations, Pennsylvania American Water
Email: Michael.Tedesco@amwater.com

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WWTP AND COLLECTION SYSTEM
 2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **North Versailles Township**

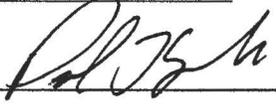
Information furnished by: Richard C. Hinkle Date: 2/11/2025

Company: Glenn Engineering and Associates, LTD

Name: Richard C. Hinkle

Address: 14920 Rte 30
North Huntingdon, PA 15642

Phone: 412-824-5672, ext 114 Fax: 412-824-9587

Signature of Permittee  CHAIRMAN

Report Prepare Signature Richard C Hinkle

1.) Total Present Number of EDU's connected to PAWC system:

Residential	2,767
Commercial	242
Industrial	0

2.) Total EDUs connected to PAWC system during 2024:

Residential	
Commercial	
Industrial	

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

There is a potential site along Rte 48 (Jacks Run System) with a proposed 150 Edu residential development.

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	0				
2026	25				
2027	50				
2028	50				
2029	25				
Beyond 2029	0				
Total	150				

- 4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining
None				

- 5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)
None			

- 6.) Identify any industries discharging into your sanitary sewer system

None - Not Applicable.

- 7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

None - Not Applicable.

- 8.) If any industries are known to be causing a problem, have corrective actions been proposed?

None - Not Applicable.

- 9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

- a. Define the routine completed in **2024**

No specific monitoring, maintenance or rehabilitation routines are in effect

- b. Describe any special activities in **2024**

No special activities completed in this reporting period.

- c. List the number and type(s) of personnel used.

Working Foreman - 1

Equipment Operators - 2

Laborers - 1

- d. List the number and type(s) of equipment used.

Vactor / Jet truck

CCTV camera truck

- e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

No industrial sampling is required within the system.

- 10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

No flow monitoring program is currently in effect.

11.) Describe any required maintenance and control of combined sewer regulations during **2024** (if applicable).

No combined sewers exist within the system.

12.) Describe the sewer system condition as follows:

a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

No sections are expected to exceed capacity in the next five years.

b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

No cleaning program is currently in place.

c. Estimate any wet weather overflow volumes and note their locations on a map.

13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
None				

* Based on Average Annual Flow

No pump station in the system.

14.) Describe any plans to be taken to reduce or eliminate:

a. Surface water connections.

No known surface water connections in system.

b. Downspout connections.

Time of Sale ordinance requires dye testing of lateral and downspouts to verify they are not connected.

c. Combined sewer flows.

No combined sewers in the system.

d. Infiltration.

Time of Sale ordinance requires CCTV of lateral and repairs if necessary.

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WWTP AND COLLECTION SYSTEM
2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **Borough of Glassport**

Information furnished by: Roger B. Varner, P.E.

Date: 02/25/2025

Company: Borough of Glassport

Name: Elaina Skiba

Address: 12 Monongahela Avenue
Glassport, PA 15045

Phone: 412-672-7400 Fax: (412) 672-7090

Signature of Permittee *Roger Varner* as signatory authority

Report Prepare Signature *Roger Varner*

1.) Total Present Number of EDU's connected to PAWC system:

Residential	24
Commercial	0
Industrial	0

2.) Total EDUs connected to PAWC system during **2024**:

Residential	24
Commercial	0
Industrial	0

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	None			None	
2026	None			None	
2027	None			None	
2028	None			None	
2029	None			None	
Beyond 2029	None			None	
Total	None			None	

4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining
No sewer extensions				

5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)
No projects			

6.) Identify any industries discharging into your sanitary sewer system

None

7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

NA

8.) If any industries are known to be causing a problem, have corrective actions been proposed?

NA

9.) Describe your sewer system monitoring, maintenance, and rehabilitation program.

a. Define the routine completed in 2024

The borough completes emergency repairs as needed and conducts physical inspection of manholes, flushing and repairs. Public Works (sewers) has 3 full-time employees. The Borough uses their own Vactor Truck and camera for routine televising and light cleaning. Robinson Pipe is used for heavy cleaning.

b. Describe any special activities in 2024

None

c. List the number and type(s) of personnel used.

3 full time employees.

d. List the number and type(s) of equipment used.

Vactor truck, camera, tools used to access the manholes.

e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in 2024.

NA

10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke, or dye testing, etc.) in 2024.

The Borough deals with problem areas that result from blockage and leaking joints as conditions in the system require.

11.) Describe any required maintenance and control of combined sewer regulations during **2024** (if applicable).

NA

12.) Describe the sewer system condition as follows:

a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

Does Not Apply.

b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

None

c. Estimate any wet weather overflow volumes and note their locations on a map.

None

13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
NA				

* Based on Average Annual Flow

14.) Describe any plans to be taken to reduce or eliminate:

a. Surface water connections.

Does not apply.

b. Downspout connections.

Evaluated during property sales.

c. Combined sewer flows.

Does Not Apply in this section of the Borough

d. Infiltration.

On as needed basis.



LSSE: (412) 264-4400
 Fike: (814) 226-7880
 Rabell: (814) 756-4384
 Senate: (412) 826-5454
 www.lsse.com

Fike



LSSE



Rabell



Senate

February 14, 2025

S. O. No. 606-006

VIA EMAIL ONLY
 (Michael.Tedesco@amwater.com)

Michael R. Tedesco, Sr. Supervisor Operations
 Pennsylvania American Water Company
 100 Atlantic Avenue
 McKeesport, Pennsylvania 15132

**Subject: Borough of Lincoln
 Sewage Collection Facility Questionnaire (Revised)**

Dear Mr. Tedesco:

On behalf of Lincoln Borough, LSSE is transmitting herewith the revised Municipal Wasteload Management Report for the McKeesport Wastewater Treatment Plant as requested. The report has been revised insofar as that it has been transferred to the new document provided by Pennsylvania American Water Company.

Should you have any questions, please contact Joshua R. Callender, E.I.T. directly (Ext. 284).

Sincerely,

Kevin A. Brett, P.E.

KAB/nwg

Attachment

cc/att: Tammy Firda (tammyfirda@lincolnborough.com)

- Coraopolis, PA (Headquarters)
- Aliquippa, Beaver County, PA
- Greensburg, Westmoreland County, PA
- Dublin, Franklin County, OH

- Albion, Erie County, PA
- Clarion, Clarion County, PA

- Pittsburgh, Allegheny County, PA
- White Oak, Allegheny County, PA
- Kittanning, Armstrong County, PA
- Washington, Washington County, PA

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WWTP AND COLLECTION SYSTEM
2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **Lincoln Borough**

Information furnished by: Lincoln Borough

Date: February 14, 2025

Company: LSSE Civil Engineers and Surveyors, Inc.

Name: Kevin A. Brett, P.E.

Address: 846 4th Avenue, Coraopolis, Pennsylvania 15108

Phone: (412) 264-4400 Fax: _____

Signature of Permittee 

Report Prepare Signature 

1.) Total Present Number of EDU's connected to PAWC system:

Residential	77
Commercial	0
Industrial	0

2.) Total EDUs connected to PAWC system during **2024**:

Residential	0
Commercial	0
Industrial	0

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	0	0	0	0	0
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
Beyond 2029	0	0	0	0	0
Total	0	0	0	0	0

- 4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

No sewer extensions were constructed in 2024.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining

- 5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

No proposed project/developments that will require sewer extensions that will flow to PAWC system are currently planned.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)

- 6.) Identify any industries discharging into your sanitary sewer system

No industries are discharging into Lincoln Borough Sanitary System Tributary to PAWC.

7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

NA

8.) If any industries are known to be causing a problem, have corrective actions been proposed?

NA

9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

a. Define the routine completed in **2024**

Maintenance on the sewer lines and pump station in 2024 was routine. The pump station is inspected once a week. Lines are repaired as needed when a problem is discovered or a complaint is received by the Borough.

b. Describe any special activities in **2024**

No special activities noted in 2024

c. List the number and type(s) of personnel used.

One part-time operator monitors the pump station.

d. List the number and type(s) of equipment used.

e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

NA

10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

There is one pump station in the system. An ultrasonic flow meter is installed in the manhole upstream of the pump station and monitors flow into the system.

- 11.) Describe any required maintenance and control of combined sewer regulations during 2024 (if applicable).

NA

- 12.) Describe the sewer system condition as follows:

- a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

None known.

- b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

None known.

- c. Estimate any wet weather overflow volumes and note their locations on a map.

None known.

- 13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
Virginia Drive	180	22	22	22

* Based on Average Annual Flow

- 14.) Describe any plans to be taken to reduce or eliminate:

- a. Surface water connections.

NA

b. Downspout connections.

NA

c. Combined sewer flows.

NA

d. Infiltration.

The Borough addresses problem areas resulting from leaking joints or blockages as required.



P: 412-824-5672 • F: 412-824-9587 • E: info@glennengr.com

www.glennengr.com • 14920 State Route 30 North Huntingdon, PA 15642

February 25, 2025

Pennsylvania American Water Company
100 Atlantic Ave.
McKeesport, PA 15132

Attention: Michael R. Tedesco
Sr. Supervisor Operations

Re: Annual Wasteload Management Report - Chapter 94
McKeesport Treatment Area
East McKeesport Borough
Operating Year 2024

Dear Mr. Elyes,

Please find enclosed, for the Borough of East McKeesport, the Annual Wasteload Management Report for 2024, on your form, as requested.

I trust this report will address the items requested; however, should you have any questions regarding this matter, please do not hesitate to contact me at 412-824-5672, extension 114.

Very truly yours,

A handwritten signature in blue ink that reads "Richard C. Hinkle".

Richard C. Hinkle
Engineering Associate

Enclosure

c: Connie Rosenbayger - Borough Administrator w/ Encl.

Report shall be sent via email only to Michael R. Tedesco
Sr. Supervisor Operations, Pennsylvania American Water
Email: Michael.Tedesco@amwater.com

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WWTP AND COLLECTION SYSTEM
2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **Borough of East McKeesport**

Information furnished by: Richard C. Hinkle Date: 2/11/2025

Company: Glenn Engineering and Associates, LTD

Name: Richard C. Hinkle

Address: 14920 Rte 30
North Huntingdon, PA 15642

Phone: 412-824-5672, ext 114 Fax: 412-824-9587

Signature of Permittee *Connie Rosenberger*

Report Prepare Signature *Richard C Hinkle*

1.) Total Present Number of EDU's connected to PAWC system:

Residential	222
Commercial	0
Industrial	0

2.) Total EDUs connected to PAWC system during 2024:

Residential	0
Commercial	0
Industrial	0

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	1	0	0	1	3
2026	0	0	0	0	0
2027	0	0	0	0	0
2028	0	0	0	0	0
2029	0	0	0	0	0
Beyond 2029	0	0	0	0	0
Total	1	0	0	1	3

- 4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining
None				

- 5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)
None			

- 6.) Identify any industries discharging into your sanitary sewer system

None - Not Applicable.

- 7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

None - Not Applicable.

- 8.) If any industries are known to be causing a problem, have corrective actions been proposed?

Not Applicable.

- 9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

- a. Define the routine completed in **2024**

No specific monitoring, maintenance or rehabilitation routines are in effect.

- b. Describe any special activities in **2024**

No special activities completed in this reporting period.

- c. List the number and type(s) of personnel used.

Maintenance is on an as-needed basis with all work being contracted.

- d. List the number and type(s) of equipment used.

Maintenance is on an as-needed basis with all work being contracted.

- e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

No industrial sampling is required within the system.

- 10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

No flow monitoring program is currently in effect.

- 11.) Describe any required maintenance and control of combined sewer regulations during **2024** (if applicable).

No combined sewers exist within the system.

12.) Describe the sewer system condition as follows:

- a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

No sections are expected to exceed capacity in the next five years.

- b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

No cleaning program is currently in place.

- c. Estimate any wet weather overflow volumes and note their locations on a map.

No wet weather overflows in this reporting year.

13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
None				

* Based on Average Annual Flow

No pump station in the system.

14.) Describe any plans to be taken to reduce or eliminate:

- a. Surface water connections.

No known surface water connections in system.

b. Downspout connections.

Time of Sale ordinance requires dye testing of lateral and downspouts to verify they are not connected.

c. Combined sewer flows.

No combined sewers in the system.

d. Infiltration.

Time of Sale ordinance requires CCTV of lateral and repairs if necessary.



P: 412-824-5672 • F: 412-824-9587 • E: info@glennengr.com

www.glennengr.com • 14920 State Route 30 North Huntingdon, PA 15642

February 22, 2025

Pennsylvania American Water Company
100 Atlantic Ave.
McKeesport, PA 15132

Attention: Michael R. Tedesco
Sr. Supervisor Operations

Re: McKeesport Treatment Area - Annual Wasteload Management Report
Chapter 94 Operating Year 2024

Dear Mr. Tedesco,

Please find enclosed, for the Borough of Liberty, the Annual Wasteload Management Report for 2024, on your form with attachments, as requested.

I trust this report will address the items requested; however, should you have any questions regarding this matter, please do not hesitate to contact me at 412-824-5672, extension 114.

Very truly yours,

A handwritten signature in blue ink that reads "Richard C. Hinkle".

Richard C. Hinkle
Engineering Associate

Enclosure
c: Liberty Borough /w Encl.

Report shall be sent via email to Michael R. Tedesco
Sr. Supervisor Operations, Pennsylvania American Water Company
Email: Michael.Tedesco@amwater.com

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WWTP AND COLLECTION SYSTEM
 2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **Liberty Borough**

Information furnished by: Richard C Hinkle Date: 2/11/2025

Company: Glenn Engineering & Associates, LTD

Name: Richard C Hinkle

Address: 14920 Route 30
North Huntingdon, PA 15642

Phone: 412-824-5672 ext. 114 Fax: 412-824-9587

Signature of Permittee: Michael J. Zrenschel

Report Prepare Signature Richard C Hinkle

- 1.) Total Present Number of EDU's connected to PAWC system:

Residential	1,073
Commercial	0
Industrial	0

- 2.) Total EDUs connected to PAWC system during 2024:

Residential	0
Commercial	0
Industrial	0

- 3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	1,073	0	0	1,073	2,279
2026	1,073	0	0	1,073	2,279
2027	1,073	0	0	1,073	2,279
2028	1,073	0	0	1,073	2,279
2029	1,073	0	0	1,073	2,279
Beyond 2029	1,074	0	0	1,074	2,279
Total		0	0		

4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining
None				

5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)
None			

6.) Identify any industries discharging into your sanitary sewer system

None - Not Applicable.

7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

None - Not Applicable.

- 8.) If any industries are known to be causing a problem, have corrective actions been proposed?

Not Applicable.

- 9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

The system is in good condition. The borough completed a \$1,200,000 repair project in 2020

- a. Define the routine completed in **2024**

No specific monitoring, maintenance or rehabilitation routines are in effect.

- b. Describe any special activities in **2024**

No special activities completed in this reporting period.

New pump station installed in January 2024

Back-Up generator installed in October 2024

- c. List the number and type(s) of personnel used.

Maintenance is on an as-needed basis with all work being contracted.

- d. List the number and type(s) of equipment used.

Maintenance is on an as-needed basis with all work being contracted

- e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

No industrial sampling is required within the system.

- 10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

No flow monitoring program is currently in effect.

Dye-Tests are performed at the time of sale of the property.

11.) Describe any required maintenance and control of combined sewer regulations during 2024 (if applicable).

No combined sewers exist within the system.

12.) Describe the sewer system condition as follows:

a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

No sections are expected to exceed capacity in the next five years.

b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

No cleaning program is currently in place.

c. Estimate any wet weather overflow volumes and note their locations on a map.

No wet weather overflows in this reporting year.

13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
River Road Pump Station	400 gpm	88	89	90

* Based on Average Annual Flow

Pump Station was completely rebuilt in January 2024.

14.) Describe any plans to be taken to reduce or eliminate:

a. Surface water connections.

No known surface water connections in system.

b. Downspout connections.

Dye-Tests are performed at the time of sale of the property. If downspouts are found to be connected, they are to be removed

c. Combined sewer flows.

No combined sewers in the system.

d. Infiltration.

No program currently in place.

PENNSYLVANIA-AMERICAN WATER COMPANY
 MCKEESPORT WWTP AND COLLECTION SYSTEM
 2024 WASTELOAD MANAGEMENT REPORT SURVEY

Municipality: **White Oak Borough**

Information furnished by: **Katelyn Warheit**

Date: **2-6-25**

Company: **Municipal Authority of Westmoreland County (MAWC)**

Name: **Katelyn Warheit**

Address: **PO Box 730
Greensburg, PA 15601**

Phone: **724-454-0233** Fax: **724-755-5916**

Signature of Permittee *Katelyn Warheit*

Report Prepare Signature *Katelyn Warheit*

1.) Total Present Number of EDU's connected to PAWC system:

Residential	3,184 customers (3,184 EDUs)
Municipal	22 customers (~44 EDUs*)
Commercial	253 customers (~833 EDUs*)
Industrial	0

***Estimated EDUs are based on DEP's definition of an EDU (1 EDU = 400 gpd), so this number will fluctuate slightly from year to year based on water usage of municipal, commercial, and industrial customers**

2.) Total EDUs connected to PAWC system during **2024**:

Residential	1 customer (1 EDU)
Municipal	0
Commercial	0
Industrial	0

3.) Projections for future additional EDU's to be connected to PAWC system. These projections should reflect what is actually anticipated to be constructed and placed in service:

There are no known plans for projects that will add additional EDUs in the White Oak Borough system, but MAWC estimates 5 EDUs per year as a conservative approximation of miscellaneous needs that may arise.

Year	Residential	Commercial	Industrial	Total EDU's	Population Served
2025	5			5	~10
2026	5			5	~10
2027	5			5	~10
2028	5			5	~10
2029	5			5	~10
Beyond 2029	5/year			5/year	~10/year
Total	25			25	~50

4.) Were any sewer extensions constructed in **2024**, if so, please describe the areas and population served or to be served. Attach a map showing extension and service area.

Project/Development Name	Length & Diameter of Sewer Completed	Length & Diameter of Sewer Remaining	Total EDU's Connected	Total EDU's Remaining
N/A				

5.) Provide information on any proposed project/developments that will require sewer extensions that will flow to PAWC system but are not yet constructed. Attach a map showing extension and service area.

Project Name	Length & Diameter of Sewer Proposed	Total EDU's Proposed	Start of Construction (Year)
N/A			

6.) Identify any industries discharging into your sanitary sewer system

None

7.) Are the industries covered by an Industrial Waste Ordinance or Regulations?

N/A

8.) If any industries are known to be causing a problem, have corrective actions been proposed?

N/A

9.) Describe your sewer system monitoring, maintenance and rehabilitation program.

a. Define the routine completed in **2024**

Routine monitoring and maintenance includes CCTV inspection, manhole inspections, cleaning, and root removal. Repairs are made as needed.

b. Describe any special activities in **2024**

None

c. List the number and type(s) of personnel used.

13 collection system field personnel, 3 collection system supervisors, 1 collection system superintendent

d. List the number and type(s) of equipment used.

4 jet/vac trucks, 4 camera trucks

e. Define the sampling frequency, quality assurance and any other than industrial sampling performed in **2024**.

None

10.) Describe any infiltration/inflow monitoring performed (pump station records, complaints, flow meters, smoke or dye testing, etc.) in **2024**.

During 2024, MAWC completed 133 dye tests of laterals during real estate transactions.

11.) Describe any required maintenance and control of combined sewer regulations during **2024** (if applicable).

N/A

12.) Describe the sewer system condition as follows:

- a. Define areas where the conveyance capacity is being exceeded or will be exceeded in the next five years. (Note: Please differentiate between dry weather and wet weather problems).

The section of line along Pennsylvania Avenue near the connection point with PAWC's line on 5th Avenue has flow restrictions due to the characteristics of the connection point. There were three storm events in 2024 (4-1-24 to 4-3-24, 4-11-24, and 5-5-24) that resulted in manhole overflows and/or basement backups near 1737 Kansas Ave, 1719 Kansas Ave, 1916 Kansas Ave, 1804 Vermont Ave, 2500 Lincoln Way, and the McClintock Road Pump Station.

- b. Define areas where rehabilitation or cleaning is needed or is underway (include maps showing areas).

Cleaning is performed on a routine basis.

- c. Estimate any wet weather overflow volumes and note their locations on a map.

The volumes of manhole overflows and basement backups is unknown. Locations are denoted by green points on the attached map.

13.) Provide Discussion and data on any sewage pumping station (if applicable):

Metering Point or Pump Station Name	Agreement or Rated Capacity (gpm)	2024 Average Daily Flow (gpm)*	2025 Projected Average Daily Flow (gpm)*	2029 Projected Average Daily Flow (gpm)*
McClintock Road Pump Station	27	6 (estimate)	6 (estimate)	6 (estimate)

* Based on Average Annual Flow

14.) Describe any plans to be taken to reduce or eliminate:

- a. Surface water connections.

N/A

b. Downspout connections.

MAWC performs dye tests on properties at the time of sale and requires property owners to remove any illegal stormwater connections such as downspouts.

c. Combined sewer flows.

N/A

d. Infiltration.

MAWC televises the collection system and performs manhole inspections on a routine basis. Defects allowing for infiltration are recorded and repaired in order of priority.

**THE CONTENTS OF THIS PAGE HAVE
BEEN REMOVED AND PLACED IN A
CONFIDENTIAL FOLDER**



LSSE: (412) 264-4400
 Fike: (814) 226-7880
 LSI: (724) 287-6865
 Rabell: (814) 756-4384
 Senate: (412) 826-5454
 www.lsse.com

Fike ● LSI ● LSSE ● Rabell ● Senate

February 24, 2025

S. O. No. 731-001

VIA EMAIL AND U. S. MAIL
(mbrletic@klhengineers.com)

Ms. Marisa N. Brletic
 KLH Engineers, Inc.
 5173 Campbells Run Road
 Pittsburgh, Pennsylvania 15205

Subject: 2024 Chapter 94 Information
Sutersville Sewickley Municipal Sewage Authority

Dear Ms. Brletic:

In response to your request, please find transmitted herewith the 2024 Chapter 94 report form, with the operating data for the Sutersville Sewickley Municipal Sewage Authority sewage collection system tributary to Elizabeth Township Sanitary Authority.

Should you have any questions, please contact Kevin C. Rowland directly (Ext. 116).

Sincerely,

Kevin A. Brett, P.E.

Dalton G. Mack, P.E.

KAB/DGM:nwg

Attachment

cc/att: Thomas Couch, SSMSA (couchtg@gmail.com)
 Bruce Riley, SSMSA (bl4964@outlook.com)

- Coraopolis, PA (Headquarters)
- Aliquippa, Beaver County, PA
- Greensburg, Westmoreland County, PA
- Dublin, Franklin County, OH

- Albion, Erie County, PA
- Butler, Butler County, PA
- Clarion, Clarion County, PA

- Pittsburgh, Allegheny County, PA
- White Oak, Allegheny County, PA
- Kittanning, Armstrong County, PA
- Washington, Washington County, PA

**OPERATING YEAR 2024
MUNICIPAL WASTELOAD MANAGEMENT REPORT**

Instructions: Please provide information as completely as possible. Attach additional pages if necessary.

1. General Information

Name of Municipality: Sutersville Sewickley Municipal Sewage Authority
 Address: 826 Curry Road
Sutersville, PA 15083
 Telephone: (724) 872-9000

Name of Person Completing Response: Kevin A. Brett, P.E.
 Company: LSSE Civil Engineers and Surveyors, Inc.
 Address: 846 4th Avenue
Coraopolis, Pennsylvania 15108
 Telephone: (412) 264-4400

2. Population, Hydraulics, and Organic Loads

Year	Projected New EDUs	Projected Total EDUs	Estimated Flow (gpd)	Estimated Raw Sewage BOD (lbs/day)
2024 (Actual)	0	496	125,984	288
2025 (Est.)	0	496	125,984	288
2026 (Est.)	0	496	125,984	288
2027 (Est.)	0	496	125,984	288
2028 (Est.)	0	496	125,984	288
2029 (Est.)	0	496	125,984	288

3. Industrial Waste

Are industrial wastes discharged into your sewer system? Yes _____ No

Discuss your municipality's program for surveillance and monitoring of industrial waste discharges into the system.

NA

Describe specific problems in the sewer system known to be caused by industrial waste discharges and Summarize any steps being taken to alleviate or eliminate the problems.

NA

MUNICIPAL WASTELOAD MANAGEMENT REPORT (Continued)

4. System Condition

Describe your sewer system condition.

The SSMSA sewage collection system was constructed/installed in 2005/2006 and is in generally good condition.

Describe sections of sewer where capacity is exceeded or will be exceeded in the next five years.

No sanitary sewer capacity issues are projected.

Describe your program for monitoring flows in the sewers. State if it included periodic flow gauging or smoke and dye testing in sewers suspected of having illegal storm connections.

Flow monitoring occurs at the three (3) existing pumps stations within the sewage system. No periodic flow gauging or smoke and dye testing was performed.

Describe your routine maintenance programs. Indicate if it is on a regular basis or as needed. List the number of employees (full and part-time) and provide a list of equipment available for inspection and maintenance work.

Maintenance is performed routinely on pump stations, and as needed for other aspects of the system. Available equipment is limited to a few spare grinder pumps. The Authority employs one part time secretary. A contracted Operator (D&B Environmental Services) operates the lift station. Flow monitoring occurs at the three (3) existing pumps stations within the sewage

If applicable, briefly describe your program for maintenance and control of diversion chambers and indicate how often they are inspected.

NA

Describe any work being performed to reduce infiltration/inflow or any extraordinary sewer rehabilitation in the past year.

It appears that influent and infiltration is entering the system through laterals and/or private property within the system. The authority is exploring options to enforce lateral I/I reviews.

Commonwealth of Pennsylvania

Department of Environmental Protection

*In accordance with the
State Board for Certification of Water and Wastewater Systems Operators
and the Regulations of the
Department of Environmental Protection*

CHARLES R SCHULTZ

Is Hereby Authorized to Operate
WASTEWATER SYSTEM

Class: A,E, Wastewater
Subclass: 1,4

Client ID: 243736

CHARLES R SCHULTZ
2157 LEWIS ST
WHITE OAK PA 15131-2909

Issue Date Jul 1, 2024
Expiration Date Jun 30, 2027

Certificate No. S14286

Mary Roland
Board Chairperson

Commonwealth of Pennsylvania

Department of Environmental Protection

*In accordance with the
State Board for Certification of Water and Wastewater Systems Operators
and the Regulations of the
Department of Environmental Protection*

MICHAEL R TEDESCO

Is Hereby Authorized to Operate
WASTEWATER SYSTEM

Class: A,E, Wastewater
Subclass: 1,2,4,5

Client ID: 337832

MICHAEL R TEDESCO
12429 ADAMS DR
NORTH HUNTINGDON PA 15642-2987

Issue Date Oct 1, 2023
Expiration Date Sep 30, 2026

Mary Roland

Certificate No. S20884

Board Chairperson

SUTERSVILLE-SEWICKLEY
MUNICIPAL SEWAGE AUTHORITY

FINANCIAL STATEMENTS
SUPPLEMENTARY INFORMATION

Year Ended December 31, 2023

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
AUDIT REPORT

- CONTENTS -

	<u>PAGE(S)</u>
<u>FINANCIAL SECTION</u>	
Independent Auditor’s Report.....	2-4
Management’s Discussion and Analysis	5-9
Basic Financial Statements	
Proprietary Fund Financial Statements	
Statement of Net Position.....	10
Statement of Revenues, Expenses, and Changes in Net Position	11
Statement of Cash Flows.....	12
Notes to the Financial Statements.....	13-22
<u>SUPPLEMENTAL SECTION</u>	
Independent Auditor’s Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>	24-25
Schedule of Revenues, Expenses, and Changes In Net Position – Budget and Actual	26



Barbara A. Terek, CPA
Matthew D. Horner, CPA
Robert K. Bulloch, CPA

HORNER, WIBLE & TEREK, PC
CERTIFIED PUBLIC ACCOUNTANTS

500 Rugh Street, Greensburg, PA 15601
724-837-7141, 724-837-7172 Fax
hwt@hwtcpa.com

Independent Auditor's Report

To the Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Sutersville, Pennsylvania 15083

Dear Board Members:

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying financial statements of the business-type activities of the Sutersville-Sewickley Municipal Sewage Authority, as of and for the year ended December 31, 2023, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the Sutersville-Sewickley Municipal Sewage Authority as of December 31, 2023, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in United States of America and the standards applicable to financial audit contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Sutersville-Sewickley Municipal Sewage Authority and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Page 2

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Sutersville-Sewickley Municipal Sewage Authority's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Sutersville-Sewickley Municipal Sewage Authority's internal control. Accordingly, no such opinion is expressed.

Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Page 3

- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Sutersville-Sewickley Municipal Sewage Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Sutersville-Sewickley Municipal Sewage Authority's basic financial statements. The schedule of revenues, expenses, and changes in net position – budget and actual are presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of revenues, expenses, and changes in net position – budget and actual is fairly stated in all material respects in relation to the basic financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 7, 2024, on our consideration of the Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting and compliance.

Horner, Wible & Terek, PC

Horner, Wible & Terek, PC
October 7, 2024

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Management's Discussion and Analysis (UNAUDITED)
For the Year Ended December 31, 2023

Management's Discussion and Analysis

As management of the Sutersville-Sewickley Municipal Sewage Authority (the Authority), we offer readers of the Sutersville-Sewickley Municipal Sewage Authority's financial statements this narrative overview and analysis of the financial activities of the Sutersville-Sewickley Municipal Sewage Authority for the fiscal year ended December 31, 2023.

Financial Highlights

- The assets of the Sutersville-Sewickley Municipal Sewage Authority exceeded its liabilities at the close of the most recent fiscal year by \$2,775,645 (*net position*). Of this amount, \$475,074 (*unrestricted net position*) may be used to meet the Authority's ongoing obligations to citizens and creditors.
- The Authority's total net position increased by \$21,229. This increase is primarily attributable to an operating income of \$64,072, and the payment of interest on debt of \$27,429.
- Net position invested in capital assets, net of related debt, decreased in the amount of \$53,406 as the result of changes in capital assets and principal payments on long-term debt.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Sutersville-Sewickley Municipal Sewage Authority's basic financial statements. The Authority is engaged in only business-type activities (functions that are intended to recover all, or a significant portion of, their costs through user fees and charges). Therefore, the Authority has not presented government-wide financial statements, and has presented only the financial statements required for enterprise funds (proprietary fund financial statements). The Authority's basic financial statements are comprised of two components: 1) proprietary fund financial statements and 2) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Proprietary Fund Financial Statements. A *fund* is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Sutersville-Sewickley Municipal Sewage Authority, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Sutersville-Sewickley Municipal Sewage Authority can be categorized as enterprise funds (proprietary funds).

Management's Discussion and Analysis (UNAUDITED) "Continued"

Proprietary funds. The Sutersville-Sewickley Municipal Sewage Authority maintains proprietary funds that can be grouped into one (1) type of activity. *Enterprise funds* are used to report the same functions presented as *business-type activities* in the government-wide financial statements. The Sutersville-Sewickley Municipal Sewage Authority maintains one fund, which is utilized to account for its operating fund (general operations).

Proprietary funds provide the same type of information as government-wide financial statements, only in more detail.

The proprietary fund financial statements can be found on pages 10 to 12 of this report.

Notes to the financial statements. The notes provide additional information that is essential to a full understanding of the data provided in the proprietary fund financial statements. The notes to the financial statements can be found on pages 13 to 22 of this report.

Financial Analysis

Net position may serve over time as a useful indicator of a government's financial position. In the case of the Sutersville-Sewickley Municipal Sewage Authority, assets exceeded liabilities by \$2,775,645 at the close of the most recent fiscal year.

Approximately 17.1 percent of net position is unrestricted, and is, therefore, available for future spending. The unrestricted net position may be used to meet the Authority's ongoing obligations to citizens and creditors.

Approximately 82.9 percent of net position is invested in capital assets (e.g., land, sewage collection system, equipment, and office building). The outstanding debt related to the acquisition of capital assets as of December 31, 2023, totaled \$2,668,726. This debt will be paid with sewage services revenue. The Sutersville-Sewickley Municipal Sewage Authority uses these capital assets to provide services to citizens; consequently, these assets are *not* available for future spending.

Management’s Discussion and Analysis (UNAUDITED) “Continued”

**Sutersville-Sewickley Municipal Sewage Authority’s
Net Position**

	Business-Type Activities	
	12/31/23	12/31/22
Current and Other Assets	\$ 641,711	\$ 514,581
Capital Assets	4,969,297	5,206,146
Total Assets	<u>5,611,008</u>	<u>5,720,727</u>
Current Liabilities	263,729	297,585
Noncurrent Liabilities	2,571,634	2,668,726
Total Liabilities	<u>2,835,363</u>	<u>2,966,311</u>
Net Investment in Capital Assets	2,300,571	2,353,977
Unrestricted	475,074	400,439
Net Position	<u>\$ 2,775,645</u>	<u>\$ 2,754,416</u>

Total net position increased in 2023 in the amount of \$21,229. This increase is primarily attributable to an operating income of \$64,072, the payment of interest on debt of \$27,429.

**Sutersville-Sewickley Municipal Sewage Authority’s
Changes in Net Position**

	Business-Type Activities	
	2023	2022
Operating Revenues - Charges for Services	\$ 619,730	\$ 515,271
Operating Expenses - Sewer System	555,658	599,269
Operating Income Gain/(Loss)	64,072	(83,998)
Nonoperating Revenues (Expenses)	(42,843)	(28,628)
Gain/(Loss) Before Contributions	21,229	(112,626)
Change in Net Position	21,229	(112,626)
Net Position - Restated as of January 1	2,754,416	2,867,042
Net Position - December 31	<u>\$ 2,775,645</u>	<u>\$ 2,754,416</u>

In comparison to the previous year, the Authority’s operating revenues increased by 20.3 percent (\$104,459), and operating costs decreased by 0.07 percent (\$43,611), resulting in a net increase in operating income of \$148,070.

Management’s Discussion and Analysis (UNAUDITED) “Continued”

Budgetary Highlights

The Authority adopts a simple annual budget for its general fund consisting of revenues, expenses and debt service charges incurred during the previous calendar year. The budget does not take into consideration depreciation and other non-cash expenses.

Capital Asset and Debt Administration

Capital assets. The Sutersville-Sewickley Municipal Sewage Authority’s investment in capital assets for its business type activities as of December 31, 2023, amounts to \$4,969,297 (net of accumulated depreciation). This investment in capital assets includes land, sewage collection system, office building and equipment. The net decrease in the Authority’s capital assets for the current fiscal year was \$236,849, which consisted of a 6.5 percent increase (\$207,696) in accumulated depreciation and the sale of land with an original cost of \$29,153.

**Sutersville-Sewickley Municipal Sewage Authority’s
Capital Assets
(Net of depreciation)**

	Business-Type Activities	
	12/31/23	12/31/22
	\$	\$
Land and Right of Ways	44,315	73,468
Collection and Treatment Plant	4,880,092	5,085,533
Office Building	44,890	47,145
Office Equipment & Furniture	0	0
Total	\$ 4,969,297	\$ 5,206,146

Additional information on the Sutersville-Sewickley Municipal Sewage Authority’s capital assets can be found in note 5 on page 19 of this report.

Management’s Discussion and Analysis (UNAUDITED) “Continued”

Long-term debt. On August 8, 2018, Sutersville-Sewickley Municipal Sewage Authority entered into a loan modification with Pennvest by extending the term thereof from thirty (30) years to thirty-four (34) years, thereby reducing the monthly payment from \$16,230 to \$13,679, effective as of September 1, 2018. The Authority had total debt outstanding of \$2,668,726 at the end of the current fiscal year.

**Sutersville-Sewickley Municipal Sewage Authority’s
Outstanding Debt**

	Business-Type Activities	
	<u>12/31/23</u>	<u>12/31/22</u>
Pennvest Loans Payable	\$ <u>2,668,726</u>	\$ <u>2,805,449</u>

Sutersville-Sewickley Municipal Sewage Authority’s total long-term debt decreased by \$136,723 (4.9 percent) during the current year. The decrease resulted from principal payments on Pennvest Loans.

Additional information on the Sutersville-Sewickley Municipal Sewage Authority’s long-term debt can be found in note 6 on pages 19 and 20 of this report.

Economic Factors and Next Year’s Budgets and Rates

The long-range plan for the Authority is to continue to provide and maintain the sewage collection system constructed in prior years to the local community.

Requests for Information

This financial report is designed to provide a general overview of the Sutersville-Sewickley Municipal Sewage Authority’s finances for all those with an interest in the government’s finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Authority Manager, 826 Curry Road, Sutersville, Pennsylvania 15083.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
STATEMENT OF NET POSITION
December 31, 2023

<u>ASSETS</u>	<u>BUSINESS-TYPE ACTIVITIES</u>
CURRENT ASSETS	
Cash and Cash Equivalents	\$ 463,426
Accounts Receivable - Trade	171,670
Prepaid Insurance	6,615
TOTAL CURRENT ASSETS	<u>641,711</u>
NONCURRENT ASSETS	
Capital Assets	
Land	44,315
Collection System	8,217,621
Office Building	78,191
Office Equipment and Furniture	8,055
Less: Accumulated Depreciation	<u>(3,378,885)</u>
TOTAL NONCURRENT ASSETS	<u>4,969,297</u>
TOTAL ASSETS	<u>5,611,008</u>
<u>LIABILITIES AND NET POSITION</u>	
CURRENT LIABILITIES	
Accounts Payable	125,633
Current Portion Long-Term Debt	138,096
TOTAL CURRENT LIABILITIES	<u>263,729</u>
NONCURRENT LIABILITIES	
Accounts Payable	41,004
Notes Payable	2,530,630
TOTAL NONCURRENT LIABILITIES	<u>2,571,634</u>
TOTAL LIABILITIES	<u>2,835,363</u>
NET POSITION	
Net Investment in Capital Assets	2,300,571
Unrestricted	475,074
TOTAL NET POSITION	<u>\$ 2,775,645</u>

The Notes to the Financial Statements are an Integral Part of this Statement.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
STATEMENT OF REVENUES, EXPENSES
AND CHANGES IN NET POSITION
Year Ended December 31, 2023

	BUSINESS-TYPE ACTIVITIES	
OPERATING REVENUES		
Sewage Billings	\$ 618,965	
Water Shut-Off Fees	765	
TOTAL OPERATING REVENUES		\$ <u>619,730</u>
OPERATING EXPENSES		
Sewage Treatment		280,735
Collection System		
Depreciation Expense	205,441	
Pump Station Repairs	1,259	
Pump Station Monitoring	7,640	
Gas and Electric	3,737	
Water Shut Off/Posting Fees	1,410	
Sewage Line Repairs	1,500	
Sewer Line Inspection	175	
Engineering Fees	350	221,512
General and Administrative Expense		
Depreciation Expense	2,255	
Insurance	9,911	
Sewage Billing Services	5,372	
Building Maintenance	3,564	
Salaries and Wages	8,565	
Telephone	2,096	
Utilities	1,100	
Payroll Tax Expense	766	
Office Expense	2,514	
Miscellaneous	743	
Professional Services	16,525	53,411
TOTAL OPERATING EXPENSES		<u>555,658</u>
OPERATING INCOME (LOSS)		64,072
NONOPERATING REVENUES (EXPENSES)		
Interest Income	739	
Gain (Loss) on Sale of Fixed Assets	(16,153)	
Interest Expense	(27,429)	
TOTAL NONOPERATING REVENUES (EXPENSES)		<u>(42,843)</u>
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS		21,229
CAPITAL CONTRIBUTIONS		<u>0</u>
CHANGE IN NET POSITION		<u>21,229</u>
NET POSITION - AS PREVIOUSLY REPORTED - JANUARY 1		2,487,409
PRIOR PERIOD ADJUSTMENT		<u>267,007</u>
NET POSITION - AS RESTATED JANUARY 1 (NOTE 8)		<u>2,754,416</u>
NET POSITION - DECEMBER 31		<u>\$ <u>2,775,645</u></u>

The Notes to the Financial Statements are an Integral Part of this Statement.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
STATEMENT OF CASH FLOWS
Year Ended December 31, 2023

	<u>BUSINESS-TYPE ACTIVITIES</u>
CASH FLOWS FROM OPERATING ACTIVITIES	
Receipts from Customers and Users	\$ 610,273
Payments to Suppliers	(332,699)
Payments to Employees/Employee Benefits	<u>(9,331)</u>
NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES	<u>268,243</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES	
Proceeds from Sale of Capital Assets	13,000
Principal Payments on Long-Term Debt	(136,723)
Payment of Interest Expense	<u>(27,429)</u>
NET CASH PROVIDED BY (USED IN) CAPITAL AND RELATED FINANCING ACTIVITIES	<u>(151,152)</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Earnings on Investments	<u>739</u>
NET CASH PROVIDED BY (USED IN) INVESTING ACTIVITIES	<u>739</u>
INCREASE (DECREASE) IN CASH	117,830
CASH AND CASH EQUIVALENTS - JANUARY 1	<u>345,596</u>
CASH AND CASH EQUIVALENTS - DECEMBER 31	<u>\$ 463,426</u>
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES	
Operating Income (Loss)	\$ 64,072
Adjustments to Reconcile Operating Income to Net Cash Provided by Operating Activities	
Depreciation Expense	207,696
Changes in Operating Assets and Liabilities	
(Increase) Decrease in Accounts Receivable	(8,832)
(Increase) Decrease in Prepaid Expenses	(468)
Increase (Decrease) in Accounts Payable	6,400
Increase (Decrease) in Refundable Advances	<u>(625)</u>
NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES	<u>\$ 268,243</u>

The Notes to the Financial Statements are an Integral Part of this Statement.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (1) REPORTING ENTITY

The Sutersville-Sewickley Municipal Sewage Authority (Authority) was incorporated on May 6, 2002, pursuant to the Municipal Authorities Act 22 of 2001 under the provisions of the Commonwealth of Pennsylvania.

A 6-member board, all of whom are appointed by the Borough of Sutersville Council and the Township of Sewickley Supervisors administer the Authority. Board members are appointed to 5-year terms, with at least one Board member subject to reappointment each year. The annual budget and rate increases are approved by the Authority governing board.

A. NATURE OF OPERATIONS

The Authority was established to undertake the planning, acquisition, construction, financing and operation of a regional sewage collection, transportation and treatment system to serve the Borough of Sutersville and that portion of the Township of Sewickley adjacent to the Borough of Sutersville; those areas of the Township of Sewickley adjacent to and in the vicinity of the Village of Scott Haven; those areas of the Township of Sewickley adjacent to the Village of Gratztown; and those areas of the Township of Sewickley adjacent to the Village of Lowber. The Authority has no stockholders or equity holders.

B. REPORTING ENTITY

Generally accepted accounting principles require government financial statements to include the primary government and its component units. Component units of a governmental entity are legally separate entities for which the primary government is considered to be financially accountable and for which the nature and significance of their relationship with the primary government are such that exclusion would cause the combined financial statements to be misleading or incomplete. The primary government is considered to be financially accountable if it appoints a majority of an organization's governing body and imposes its will on that organization. The primary government may also be financially accountable if an organization is fiscally dependent on the primary government, regardless of the authority of the organization's governing board.

The Authority has not identified any entities that should be subject to evaluation for inclusion for the Authority reporting entity.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (1) REPORTING ENTITY “CONTINUED”

B. REPORTING ENTITY “CONTINUED”

The Authority has evaluated its relationship with the Borough of Sutersville and the Township of Sewickley which appointed the governing body and has determined that the Authority is independent of the Borough and the Township. These financial statements are prepared accordingly.

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. MEASUREMENT FOCUS, BASIS OF ACCOUNTING AND FINANCIAL STATEMENT PRESENTATION

The Authority is engaged in only business-type activities (functions that are intended to recover all, or a significant portion of, their costs through user fees and charges). Therefore, the Authority has presented only the financial statements required for enterprise funds (fund financial statements). The Authority’s basic financial statements are comprised of two components: 1) fund financial statements and 2) notes to the financial statements.

When both restricted and unrestricted resources are combined in a fund, expenses are considered paid first from restricted resources, and then from unrestricted resources.

The Authority’s enterprise funds are proprietary funds. Proprietary fund financial statements are reported using the accrual basis of accounting. Revenues are recognized when earned and expenses are recorded when a liability is incurred, regardless of the timing of the related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Proprietary fund financial statements are reported using the economic resources measurement focus, and presents current increases (revenues) and decreases (expenses) in total net position. All assets and liabilities, whether current or noncurrent, associated with the fund activity are included on the statement of net position.

Proprietary fund operating revenues, such as charges for services, result from exchange transactions associated with the principal activity of the fund. Exchange transactions are those in which each party receives and gives up essentially equal values. Non-operating revenues, such as subsidies and investment earnings, result from nonexchange transactions or ancillary activities.

Amounts paid to acquire capital assets are capitalized as assets in the proprietary fund financial statements, rather than reported as an expense.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

B. CASH AND CASH EQUIVALENTS

Cash and cash equivalents consist of highly liquid investments with original maturities of three months or less.

C. INVESTMENTS

Investments are carried at fair value. Unrealized appreciation or depreciation of investments due to changes in market value is included in net investment income in operations each year. All investment transactions are recorded on the trade date.

The Pennsylvania Municipal Authorities Act limits investments to the following types of investments: (a) United States Treasury bills; (b) short-term obligations of the United States Government or its agencies or instrumentalities; (c) deposits in savings accounts or time deposits or share accounts of institutions insured by the Federal Deposit Insurance Authority or the Federal Savings and Loan Insurance Authority or the National Credit Union Share Insurance Fund to the extent that such accounts are so insured, and, for any amounts above the insured maximum, provided that approved collateral as provided by law therefore shall be pledged by the depository; (d) obligations of the United States of America or any of its agencies or instrumentalities backed by the full faith and credit of the United States of America, the Commonwealth of Pennsylvania or any of its agencies or instrumentalities backed by the full faith and credit of the Commonwealth, or of any political subdivision of the Commonwealth of Pennsylvania or any of its agencies or instrumentalities backed by the full faith and credit of the political subdivision; (e) shares of an investment company registered under the Investment Company Act of 1940, whose shares are registered under the Securities Act of 1933, provided that the only investments of that company are in the authorized investments for Authority funds listed in clauses (a) through (d). The Authority does not have a formal investment policy that further limits its investment choices.

D. RECEIVABLES

Trade receivables are shown net of an allowance for uncollectible accounts. Management deems all sewage income receivables collectible as of December 31, 2023.

E. PREPAID ITEMS

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in the financial statements.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

F. CAPITAL ASSETS

Capital assets, including property, plant, and equipment, are reported in the proprietary fund financial statements. Such assets are recorded at historical costs. Donated capital assets are recorded at the estimated fair market value at the time of donation.

The costs associated with normal maintenance and repairs that do not add to the value of the asset or materially extend asset lives are not capitalized.

Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest incurred during the construction phase of capital assets of business-type activities is included as part of the capitalized value of the assets constructed. The Authority incurred no interest expense subject to capitalization during the current year.

The capital assets of the Authority are depreciated using the straight-line method over the following estimated useful lives:

Sewer System	40 years
Machinery and Equipment	5-10 years
Furniture and Fixtures	10 years
Leasehold Improvements	10-40 years
Building	40 years

G. NET POSITION

The financial statements utilize a net position presentation. Net position is categorized as follows:

- Net Investment in Capital Assets – This category groups all capital assets into one component of net position. Accumulated depreciation and the outstanding balances of debt that are attributable to the acquisition, construction or improvement of these assets reduce the balance in this category.
- Restricted Net Position – This category presents external restrictions imposed by creditors, grantors, contributors or laws or regulations of other governments and restrictions imposed by law through constitutional provisions or enabling legislation.
- Unrestricted Net Position – This category represents net position of the Authority, not restricted for any project or other purpose.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

H. BUDGET

The Authority finance committee prepares a proposed budget based on proposed project projections for the upcoming year. This proposed budget reflects, as nearly as possible, the estimated revenues and expenditures for the upcoming year in accordance with generally accepted accounting principles. The finance committee presents the budget to the board for approval. Amendments to the budget are not generally made during the year.

I. ADOPTION OF GOVERNMENTAL ACCOUNTING STANDARDS BOARD STATEMENTS

The requirements of the following GASB Statements were adopted for the Authority’s 2023 financial statements:

In March 2020, the GASB issued Statement No. 94, “*Public-Private and Public-Public Partnerships and Availability Payment Arrangements*” The Authority is required to adopt Statement No. 94 for their calendar year 2023 financial statements. The adoption of this statement had no effect on the financial reporting information of the Authority.

In May 2020, the GASB issued Statement No. 96, “*Subscription-Based Information Technology Arrangements*”. The Authority is required to adopt Statement No. 96 for their calendar year 2023 financial statements. The adoption of this statement had no effect on the financial reporting information of the Authority.

In April 2022 the GASB issued Statement No. 99 “Omnibus 2022”. The Authority adopted the sections related to leases, PPPs, and SBITAs. The Authority also adopted provisions of GASB Statement No. 99 “Omnibus, 2022.” Related to the financial guarantees and the classification and reporting of derivative instruments within the scope of statement 53. The Authority is required to adopt Statement No. 99 for their calendar year 2023 financial statements. The adoption of this statement had no effect on the financial reporting information of the Authority.

J. PENDING CHANGES IN ACCOUNTING PRINCIPLES

In June 2022, the GASB issued Statement No. 100, “*Accounting Changes and Error Corrections – an amendment of GASB Statement No. 62.*” The Authority is required to adopt Statement No. 100 for their calendar year 2024 financial statements.

In June 2022, the GASB issued Statement No. 101, “*Compensated Absences.*” The Authority is required to adopt Statement No. 101 for their calendar year 2024 financial statements.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

J. PENDING CHANGES IN ACCOUNTING PRINCIPLES “CONTINUED”

In December 2023, the GASB issued Statement No. 102, “Certain Risk Disclosures”. The Authority is required to adopt Statement No. 102 for their calendar year 2025 financial statements.

The Authority has not yet completed the various analysis required to estimate the financial statement impact of these new pronouncements.

NOTE (3) DEPOSITS AND INVESTMENTS

Deposits and investments are reported as cash and cash equivalents and investments. The perspectives for financial reporting of deposits and investments differ under generally accepted accounting principles for balance sheet reporting and for financial statement disclosures. Therefore, cash and cash equivalents on the balance sheet include both deposits and investments.

Statement of Net Position

Cash & Cash Equivalents	\$ <u>463,996</u>
	<u>463,996</u>
Reconciling Items	
Routine Transactions in Transit	<u>(570)</u>
	463,426
GASB 40 Disclosure	
Deposits	409,999
Investments	<u>53,427</u>
	<u>\$ 463,426</u>

At December 31, 2023, The Authority had the following investments:

Investment Type	Fair Value	Weighted Average Maturity (Months)
PA Government Investment Trust	\$ <u>53,427</u>	<u>1.47</u>

Custodial Credit Risk – Deposits. In the case of deposits, this is the risk that in the event of a bank failure, the Authority’s deposits may not be returned to it. The Authority does not have a deposit policy for custodial credit risk. As of December 31, 2023, \$160,569 of the Authority’s bank balances of \$409,999 was exposed to custodial credit risk because it was uninsured and collateralized with securities held by the pledging financial institution’s trust department or agent, but not in the Authority’s name.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTSNOTE (4) CAPITAL ASSETS

Capital asset activity for the year ended December 31, 2023 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital Assets Not Being Depreciated				
Land and Right of Ways	\$ 73,468	\$ 0	\$ (29,153)	\$ 44,315
Total Capital Assets Not Being Depreciated	<u>73,468</u>	<u>0</u>	<u>(29,153)</u>	<u>44,315</u>
Capital Assets Being Depreciated				
Collection and Treatment Plant	8,217,621	0	0	8,217,621
Office Building	78,191	0	0	78,191
Office Equipment and Furniture	8,055	0	0	8,055
Total Capital Assets Being Depreciated	<u>8,303,867</u>	<u>0</u>	<u>0</u>	<u>8,303,867</u>
Capital Assets at Historical Cost	8,377,335	0	(29,153)	8,348,182
Less: Accumulated Depreciation	<u>(3,171,189)</u>	<u>(207,696)</u>	<u>0</u>	<u>(3,378,885)</u>
Business-Type Activities, Capital Assets, Net	<u>\$ 5,206,146</u>	<u>\$ (207,696)</u>	<u>\$ (29,153)</u>	<u>\$ 4,969,297</u>

NOTE (5) NONCURRENT LIABILITIESA. NOTES PAYABLE

The Authority has one loan from the Pennsylvania Infrastructure Investment Authority (Pennvest), Loan #P33000265-101, formerly Loan #27724, with an original principal balance of \$5,019,887.

On August 8, 2018, Sutersville-Sewickley Municipal Sewage Authority entered into a loan modification with Pennvest by extending the term thereof from thirty (30) years to thirty-four (34) years, thereby reducing the monthly payment from \$16,230 to \$13,679, effective as of September 1, 2018. The scheduled maturity date of the loan changed to September 1, 2041.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (5) NONCURRENT LIABILITIES “CONTINUED”

B. CHANGES IN LONG-TERM DEBT

The changes in the Pennvest loans outstanding are comprised of the following as of December 31, 2023:

		Pennvest #P33000265-101 Formerly #27724
Original Amount of Debt Issued	\$	<u>5,019,887</u>
Notes Payable - December 31, 2022	\$	2,805,449
Loan Proceeds		0
Principal Payments		<u>(136,723)</u>
Notes Payable		2,668,726
Less: Current Portion		<u>(138,096)</u>
Long-Term Debt - December 31, 2023	\$	<u>2,530,630</u>

C. DEBT SERVICE REQUIREMENTS

Future Pennvest loan debt service requirements are detailed as follows:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2024	\$ 138,096	\$ 26,055	\$ 164,151
2025	139,483	24,668	164,151
2026	140,885	23,266	164,151
2027	142,300	21,851	164,151
2028	143,729	20,422	164,151
2029-2033	740,598	80,159	820,757
2034-2038	778,553	42,204	820,757
2039-2041	445,082	6,336	451,418
	<u>\$ 2,668,726</u>	<u>\$ 244,961</u>	<u>\$ 2,913,687</u>

NOTE (6) CONTINGENT LIABILITIES

A. GRANT PROGRAMS

The Authority participates in both federal and state grant and loan programs. These programs are subject to program compliance audits by the grantors. The Authority could be liable for any expenditure which is disallowed by the grantor; however, management is not aware of any such significant items.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (6) CONTINGENT LIABILITIES “CONTINUED”

B. Other Matters

In the normal course of business, there are various claims and suits pending against the Authority and its appointed officials. Management is of the opinion that these matters will not have a material adverse effect on the Authority’s financial position.

NOTE (7) PRIOR PERIOD ADJUSTMENT

Elizabeth Township Sanitary Authority

Sutersville-Sewickley Municipal Sewage Authority (SSMSA) entered into an intermunicipal authorities sewage service agreement with the Elizabeth Township Sanitary Authority (ETSA) on September 11, 2006. The agreement provides for ETSA to accept the sewage and acceptable commercial and industrial wastes discharged from within the SSMSA service area for conveyance and treatment. The Sutersville-Sewickley Municipal Sewage Authority (SSMSA) disputed the rates being charged by the Elizabeth Township Sanitary Authority (ETSA) and has requested an amendment to the agreement. On August 12, 2019, Elizabeth Township filed suit against SSMSA regarding the outstanding amount owed to Elizabeth Township.

SSMSA and ETSA continue to negotiate, but management estimated a reduction in the balance due as of December 31, 2022 by \$220,287. Under this estimate, SSMSA could potentially pay ETSA a total of \$82,008 for conveyance and treatment charges through February 29, 2024, throughout 2024 and 2025. Upon the final payment the pending action filed against Sutersville-Sewickley Municipal Sewage Authority will be considered settled.

Contracts Payable

The SSMSA has carried estimated construction payable to contractors related to punch list items since the completion of the sewage system in 2007 and 2008. The SSMSA has opted to write these payables off effective December 31, 2022.

	<u>BUSINESS-TYPE ACTIVITIES</u>
Net Position, as Previously Reported, December 31, 2022	\$ 2,487,409
Prior Period Adjustment	
Reduction of Payable to Elizabeth Township	220,287
Reduction of Contracts Payable	46,720
Total Prior Period Adjustment	<u>267,007</u>
Net Position, as Restated, December 31, 2022	<u>\$ 2,754,416</u>

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (8) SUBSEQUENT EVENTS

Subsequent events were evaluated through October 7, 2024, which is the date the financial statements were available to be issued.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY

SUPPLEMENTAL INFORMATION

Year Ended December 31, 2023



Barbara A. Terek, CPA
Matthew D. Horner, CPA
Robert K. Bulloch, CPA

HORNER, WIBLE & TEREK, PC

CERTIFIED PUBLIC ACCOUNTANTS

500 Rugh Street, Greensburg, PA 15601
724-837-7141, 724-837-7172 Fax
hwt@hwtcpa.com

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Sutersville, Pennsylvania 15083

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities of the Sutersville-Sewickley Municipal Sewage Authority as of and for the year ended December 31, 2023, and the related notes to the financial statements, which collectively comprise the Sutersville-Sewickley Municipal Sewage Authority's basic financial statements, and have issued our report thereon dated July 31, 2024.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Sutersville-Sewickley Municipal Sewage Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Sutersville-Sewickley Municipal Sewage Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Board of Directors
Sutersville-Sewickley Municipal Sewage Authority
October 7, 2024

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Sutersville-Sewickley Municipal Sewage Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Horner, Wible & Terek, PC

Horner, Wible & Terek, PC
October 7, 2024

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
SCHEDULE OF REVENUES, EXPENSES AND CHANGES IN NET POSITION -
BUDGET AND ACTUAL
Year Ended December 31, 2023

	ORIGINAL/ AMENDED BUDGET	ACTUAL	VARIANCE POSITIVE (NEGATIVE)
OPERATING REVENUES			
Sewage Billings	\$ 527,121	\$ 618,965	\$ 91,844
Water Shut-Off Fees	0	765	765
Total Operating Revenues	<u>527,121</u>	<u>619,730</u>	<u>92,609</u>
OPERATING EXPENSES			
SEWAGE TREATMENT	<u>324,129</u>	<u>280,735</u>	<u>43,394</u>
COLLECTION SYSTEM			
Depreciation Expense	0	205,441	(205,441)
Pump Station Repairs	5,000	1,259	3,741
Pump Station Monitoring	7,000	7,640	(640)
Gas and Electric	3,150	3,737	(587)
Water Shut Off/Posting Fees	700	1,410	(710)
Sewage Line Repairs	5,000	1,500	3,500
Sewer Line Inspection	0	175	(175)
Engineering Consulting Fees	1,000	350	650
	<u>21,850</u>	<u>221,512</u>	<u>(199,662)</u>
GENERAL AND ADMINISTRATIVE EXPENSE			
Depreciation Expense	0	2,255	(2,255)
Insurance	9,500	9,911	(411)
Sewage Billing Services	5,900	5,372	528
Building Maintenance	3,600	3,564	36
Salaries and Wages	7,000	8,565	(1,565)
Telephone	2,000	2,096	(96)
Utilities	1,350	1,100	250
Payroll Tax Expense	1,400	766	634
Office Expense	5,200	2,514	2,686
Miscellaneous	250	743	(493)
Professional Services	13,800	16,525	(2,725)
	<u>50,000</u>	<u>53,411</u>	<u>(3,411)</u>
TOTAL OPERATING EXPENSES	<u>395,979</u>	<u>555,658</u>	<u>(159,679)</u>
OPERATING INCOME (LOSS)	<u>131,142</u>	<u>64,072</u>	<u>(67,070)</u>
NONOPERATING REVENUES (EXPENSES)			
Interest Income	739	739	0
Gain (Loss) on Sale of Fixed Assets	(16,153)	(16,153)	0
Interest Expense	(27,429)	(27,429)	0
Total Nonoperating Revenues (Expenses)	<u>(42,843)</u>	<u>(42,843)</u>	<u>0</u>
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS	<u>88,299</u>	<u>21,229</u>	<u>(67,070)</u>
CHANGE IN NET POSITION	<u>88,299</u>	<u>21,229</u>	<u>(67,070)</u>
TOTAL NET POSITION - AS PREVIOUSLY REPORTED - JANUARY 1	2,487,409	2,487,409	0
PRIOR PERIOD ADJUSTMENT	267,007	267,007	0
TOTAL NET POSITION - AS RESTATED - JANUARY 1	<u>2,754,416</u>	<u>2,754,416</u>	<u>0</u>
TOTAL NET POSITION - DECEMBER 31	<u>\$ 2,842,715</u>	<u>\$ 2,775,645</u>	<u>\$ (67,070)</u>

SUTERSVILLE-SEWICKLEY
MUNICIPAL SEWAGE AUTHORITY

FINANCIAL STATEMENTS
SUPPLEMENTARY INFORMATION

Year Ended December 31, 2024

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
AUDIT REPORT

- CONTENTS -

	<u>PAGE(S)</u>
<u>FINANCIAL SECTION</u>	
Independent Auditor’s Report.....	2-4
Management’s Discussion and Analysis	5-9
Basic Financial Statements	
Proprietary Fund Financial Statements	
Statement of Net Position.....	10
Statement of Revenues, Expenses, and Changes in Net Position	11
Statement of Cash Flows.....	12
Notes to the Financial Statements.....	13-21
<u>SUPPLEMENTAL SECTION</u>	
Independent Auditor’s Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>	23-24
Schedule of Revenues, Expenses, and Changes In Net Position – Budget and Actual	25



HORNER, WIBLE & TEREK, PC
CERTIFIED PUBLIC ACCOUNTANTS

500 Rugh Street, Greensburg, PA 15601
724-837-7141, 724-837-7172 Fax
hwt@hwtcpa.com

Barbara A. Terek, CPA
Matthew D. Horner, CPA
Robert K. Bulloch, CPA

Independent Auditor's Report

To the Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Sutersville, Pennsylvania 15083

Dear Board Members:

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying financial statements of the business-type activities of the Sutersville-Sewickley Municipal Sewage Authority, as of and for the year ended December 31, 2024, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities of the Sutersville-Sewickley Municipal Sewage Authority as of December 31, 2024, and the respective changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in United States of America and the standards applicable to financial audit contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of Sutersville-Sewickley Municipal Sewage Authority and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Page 2

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about Sutersville-Sewickley Municipal Sewage Authority's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Sutersville-Sewickley Municipal Sewage Authority's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Sutersville-Sewickley Municipal Sewage Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Page 3

Subsequent Events

As described in Note (7) to the financial statements, in 2025, the Authority entered into an Asset Purchase Agreement with the Pennsylvania-American Water Company (PAWC) and reached an agreement on previous litigation. Our opinion is not modified with respect to these matters.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Sutersville-Sewickley Municipal Sewage Authority's basic financial statements. The schedule of revenues, expenses, and changes in net position – budget and actual are presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of revenues, expenses, and changes in net position – budget and actual is fairly stated in all material respects in relation to the basic financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated July 30, 2025, on our consideration of the Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting and compliance.

Horner, Wible & Terek, PC

Horner, Wible & Terek, PC
July 30, 2025

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
Management's Discussion and Analysis (UNAUDITED)
For the Year Ended December 31, 2024

Management's Discussion and Analysis

As management of the Sutersville-Sewickley Municipal Sewage Authority (the Authority), we offer readers of the Sutersville-Sewickley Municipal Sewage Authority's financial statements this narrative overview and analysis of the financial activities of the Sutersville-Sewickley Municipal Sewage Authority for the fiscal year ended December 31, 2024.

Financial Highlights

- The assets of the Sutersville-Sewickley Municipal Sewage Authority exceeded its liabilities at the close of the most recent fiscal year by \$2,705,583 (*net position*). Of this amount, \$474,276 (*unrestricted net position*) may be used to meet the Authority's ongoing obligations to citizens and creditors.
- The Authority's total net position decreased by \$70,062. This decrease is primarily attributable to an operating loss of \$51,576, and the payment of interest on debt of \$26,055.
- Net position invested in capital assets, net of related debt, decreased in the amount of \$69,264 as the result of changes in capital assets and principal payments on long-term debt.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Sutersville-Sewickley Municipal Sewage Authority's basic financial statements. The Authority is engaged in only business-type activities (functions that are intended to recover all, or a significant portion of, their costs through user fees and charges). Therefore, the Authority has not presented government-wide financial statements, and has presented only the financial statements required for enterprise funds (proprietary fund financial statements). The Authority's basic financial statements are comprised of two components: 1) proprietary fund financial statements and 2) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

Proprietary Fund Financial Statements. A *fund* is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Sutersville-Sewickley Municipal Sewage Authority, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the Sutersville-Sewickley Municipal Sewage Authority can be categorized as enterprise funds (proprietary funds).

Management’s Discussion and Analysis (UNAUDITED) “Continued”

Proprietary funds. The Sutersville-Sewickley Municipal Sewage Authority maintains proprietary funds that can be grouped into one (1) type of activity. *Enterprise funds* are used to report the same functions presented as *business-type activities* in the government-wide financial statements. The Sutersville-Sewickley Municipal Sewage Authority maintains one fund, which is utilized to account for its operating fund (general operations).

Proprietary funds provide the same type of information as government-wide financial statements, only in more detail.

The proprietary fund financial statements can be found on pages 10 to 12 of this report.

Notes to the financial statements. The notes provide additional information that is essential to a full understanding of the data provided in the proprietary fund financial statements. The notes to the financial statements can be found on pages 13 to 21 of this report.

Financial Analysis

Net position may serve over time as a useful indicator of a government’s financial position. In the case of the Sutersville-Sewickley Municipal Sewage Authority, assets exceeded liabilities by \$2,705,583 at the close of the most recent fiscal year.

Approximately 17.5 percent of net position is unrestricted, and is, therefore, available for future spending. The unrestricted net position may be used to meet the Authority’s ongoing obligations to citizens and creditors.

Approximately 82.5 percent of net position is invested in capital assets (e.g., land, sewage collection system, equipment, and office building). The outstanding debt related to the acquisition of capital assets as of December 31, 2024, totaled \$2,530,630. This debt will be paid with sewage services revenue. The Sutersville-Sewickley Municipal Sewage Authority uses these capital assets to provide services to citizens; consequently, these assets are *not* available for future spending.

Management’s Discussion and Analysis (UNAUDITED) “Continued”**Sutersville-Sewickley Municipal Sewage Authority’s
Net Position**

	Business-Type Activities	
	12/31/24	12/31/23
Current and Other Assets	\$ 696,527	\$ 641,711
Capital Assets	4,761,936	4,969,297
Total Assets	<u>5,458,463</u>	<u>5,611,008</u>
Current Liabilities	361,733	304,733
Noncurrent Liabilities	2,391,147	2,530,630
Total Liabilities	<u>2,752,880</u>	<u>2,835,363</u>
Net Investment in Capital Assets	2,231,307	2,300,571
Unrestricted	474,276	475,074
Net Position	<u>\$ 2,705,583</u>	<u>\$ 2,775,645</u>

Total net position decreased in 2024 in the amount of \$70,062. This decrease is primarily attributable to an operating loss of \$51,576, the payment of interest on debt of \$26,055.

**Sutersville-Sewickley Municipal Sewage Authority’s
Changes in Net Position**

	Business-Type Activities	
	2024	2023
Operating Revenues - Charges for Services	\$ 653,003	\$ 619,730
Operating Expenses - Sewer System	704,579	555,658
Operating Income Gain/(Loss)	(51,576)	64,072
Nonoperating Revenues (Expenses)	(18,486)	(42,843)
Gain/(Loss) Before Contributions	(70,062)	21,229
Change in Net Position	(70,062)	21,229
Net Position - Restated as of January 1	2,775,645	2,754,416
Net Position - December 31	<u>\$ 2,705,583</u>	<u>\$ 2,775,645</u>

In comparison to the previous year, the Authority’s operating revenues increased by 5.4 percent (\$33,273), and operating costs increased by 26.8 percent (\$148,921), resulting in a net decrease in operating income of \$115,648.

Management’s Discussion and Analysis (UNAUDITED) “Continued”

Budgetary Highlights

The Authority adopts a simple annual budget for its general fund consisting of revenues, expenses and debt service charges incurred during the previous calendar year. The budget does not take into consideration depreciation and other non-cash expenses.

Capital Asset and Debt Administration

Capital assets. The Sutersville-Sewickley Municipal Sewage Authority’s investment in capital assets for its business type activities as of December 31, 2024, amounts to \$4,761,937 (net of accumulated depreciation). This investment in capital assets includes land, sewage collection system, office building and equipment. The net decrease in the Authority’s capital assets for the current fiscal year was \$207,360, which consisted of a 6.1 percent increase in accumulated depreciation.

**Sutersville-Sewickley Municipal Sewage Authority’s
Capital Assets
(Net of depreciation)**

	Business-Type Activities	
	12/31/24	12/31/23
Land and Right of Ways	\$ 44,315	\$ 44,315
Collection and Treatment Plant	4,674,652	4,880,092
Office Building	42,969	44,890
Total	\$ 4,761,937	\$ 4,969,297

Additional information on the Sutersville-Sewickley Municipal Sewage Authority’s capital assets can be found in note 4 on page 19 of this report.

Long-term debt. On August 8, 2018, Sutersville-Sewickley Municipal Sewage Authority entered into a loan modification with Pennvest by extending the term thereof from thirty (30) years to thirty-four (34) years, thereby reducing the monthly payment from \$16,230 to \$13,679, effective as of September 1, 2018. The Authority had total debt outstanding of \$2,530,630 at the end of the current fiscal year.

**Sutersville-Sewickley Municipal Sewage Authority’s
Outstanding Debt**

	Business-Type Activities	
	12/31/24	12/31/23
Pennvest Loans Payable	\$ 2,530,630	\$ 2,668,726

Management’s Discussion and Analysis (UNAUDITED) “Continued”

Sutersville-Sewickley Municipal Sewage Authority’s total long-term debt decreased by \$138,096 (5.2 percent) during the current year. The decrease resulted from principal payments on Pennvest Loans.

Additional information on the Sutersville-Sewickley Municipal Sewage Authority’s long-term debt can be found in note 5 on pages 19 and 20 of this report.

Other Matters

Disposal of Operations

Effective May 22, 2025, the Authority entered into an Asset Purchase Agreement with Pennsylvania-American Water Company (PAWC) for \$3,250,000. Under this agreement, PAWC will purchase all assets held by the Authority free and clear of all mortgages, liens, pledges, securities, interests, charges, claims, restrictions and encumbrances of any and all nature.

The assets shall include assigned contracts, all interests in real estate, all machinery and equipment, and all information, files, records, data, and plans owned by the Authority. PAWC will not assume any liabilities or obligations of the Authority.

The Authority will discontinue operations upon execution of the sale however the Authority will remain in effect in order to wind down the business of the Authority.

Requests for Information

This financial report is designed to provide a general overview of the Sutersville-Sewickley Municipal Sewage Authority’s finances for all those with an interest in the government’s finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Authority Manager, 826 Curry Road, Sutersville, Pennsylvania 15083.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
STATEMENT OF NET POSITION
December 31, 2024

<u>ASSETS</u>	<u>BUSINESS-TYPE ACTIVITIES</u>
CURRENT ASSETS	
Cash and Cash Equivalents	\$ 487,191
Accounts Receivable - Trade	202,228
Prepaid Insurance	7,108
TOTAL CURRENT ASSETS	696,527
NONCURRENT ASSETS	
Capital Assets	
Land	44,315
Collection System	8,217,621
Office Building	78,191
Office Equipment and Furniture	8,055
Less: Accumulated Depreciation	(3,586,246)
TOTAL NONCURRENT ASSETS	4,761,936
TOTAL ASSETS	5,458,463
<u>LIABILITIES AND NET POSITION</u>	
CURRENT LIABILITIES	
Accounts Payable	222,250
Current Portion Long-Term Debt	139,483
TOTAL CURRENT LIABILITIES	361,733
NONCURRENT LIABILITIES	
Notes Payable	2,391,147
TOTAL NONCURRENT LIABILITIES	2,391,147
TOTAL LIABILITIES	2,752,880
NET POSITION	
Net Investment in Capital Assets	2,231,307
Unrestricted	474,276
TOTAL NET POSITION	\$ 2,705,583

The Notes to the Financial Statements are an Integral Part of this Statement.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
STATEMENT OF REVENUES, EXPENSES
AND CHANGES IN NET POSITION
Year Ended December 31, 2024

	<u>BUSINESS-TYPE ACTIVITIES</u>	
OPERATING REVENUES		
Sewage Billings	\$ 650,078	
Water Shut-Off Fees	400	
Inspection Income	<u>2,525</u>	
TOTAL OPERATING REVENUES		\$ <u>653,003</u>
OPERATING EXPENSES		
Sewage Treatment		378,240
Collection System		
Depreciation Expense	205,440	
Pump Station Repairs	5,728	
Pump Station Monitoring	9,155	
Gas and Electric	4,422	
Water Shut Off/Posting Fees	390	
Sewage Line Repairs	7,255	
Sewer Line Inspection	2,643	
Engineering Fees	<u>1,722</u>	236,755
General and Administrative Expense		
Depreciation Expense	1,921	
Insurance	10,891	
Sewage Billing Services	5,980	
Building Maintenance	6,195	
Salaries and Wages	10,169	
Telephone	2,171	
Utilities	1,303	
Payroll Tax Expense	920	
Office Expense	4,645	
Miscellaneous	99	
Professional Services	<u>45,290</u>	89,584
TOTAL OPERATING EXPENSES		<u>704,579</u>
OPERATING INCOME (LOSS)		(51,576)
NONOPERATING REVENUES (EXPENSES)		
Interest Income	7,569	
Interest Expense	<u>(26,055)</u>	
TOTAL NONOPERATING REVENUES (EXPENSES)		<u>(18,486)</u>
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS		(70,062)
CAPITAL CONTRIBUTIONS		<u>0</u>
CHANGE IN NET POSITION		(70,062)
NET POSITION - JANUARY 1		<u>2,775,645</u>
NET POSITION - DECEMBER 31		<u>\$ 2,705,583</u>

The Notes to the Financial Statements are an Integral Part of this Statement.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
STATEMENT OF CASH FLOWS
Year Ended December 31, 2024

	<u>BUSINESS-TYPE ACTIVITIES</u>
CASH FLOWS FROM OPERATING ACTIVITIES	
Receipts from Customers and Users	\$ 622,445
Payments to Suppliers	(431,009)
Payments to Employees/Employee Benefits	<u>(11,089)</u>
NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES	<u>180,347</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES	
Principal Payments on Long-Term Debt	(138,096)
Interest Payments on Long-Term Debt	<u>(26,055)</u>
NET CASH PROVIDED BY (USED IN) CAPITAL AND RELATED FINANCING ACTIVITIES	<u>(164,151)</u>
CASH FLOWS FROM INVESTING ACTIVITIES	
Earnings on Investments	<u>7,569</u>
NET CASH PROVIDED BY (USED IN) INVESTING ACTIVITIES	<u>7,569</u>
INCREASE (DECREASE) IN CASH	23,765
CASH AND CASH EQUIVALENTS - JANUARY 1	<u>463,426</u>
CASH AND CASH EQUIVALENTS - DECEMBER 31	<u>\$ 487,191</u>
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES	
Operating Income (Loss)	\$ (51,576)
Adjustments to Reconcile Operating Income to Net Cash Provided by Operating Activities	
Depreciation Expense	207,361
Changes in Operating Assets and Liabilities	
(Increase) Decrease in Accounts Receivable	(30,558)
(Increase) Decrease in Prepaid Expenses	(493)
Increase (Decrease) in Accounts Payable	<u>55,613</u>
NET CASH PROVIDED BY (USED IN) OPERATING ACTIVITIES	<u>\$ 180,347</u>

The Notes to the Financial Statements are an Integral Part of this Statement.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (1) REPORTING ENTITY

The Sutersville-Sewickley Municipal Sewage Authority (Authority) was incorporated on May 6, 2002, pursuant to the Municipal Authorities Act 22 of 2001 under the provisions of the Commonwealth of Pennsylvania.

A 6-member board, all of whom are appointed by the Borough of Sutersville Council and the Township of Sewickley Supervisors administer the Authority. Board members are appointed to 5-year terms, with at least one Board member subject to reappointment each year. The annual budget and rate increases are approved by the Authority governing board.

A. NATURE OF OPERATIONS

The Authority was established to undertake the planning, acquisition, construction, financing and operation of a regional sewage collection, transportation and treatment system to serve the Borough of Sutersville and that portion of the Township of Sewickley adjacent to the Borough of Sutersville; those areas of the Township of Sewickley adjacent to and in the vicinity of the Village of Scott Haven; those areas of the Township of Sewickley adjacent to the Village of Gratztown; and those areas of the Township of Sewickley adjacent to the Village of Lowber. The Authority has no stockholders or equity holders.

B. REPORTING ENTITY

Generally accepted accounting principles require government financial statements to include the primary government and its component units. Component units of a governmental entity are legally separate entities for which the primary government is considered to be financially accountable and for which the nature and significance of their relationship with the primary government are such that exclusion would cause the combined financial statements to be misleading or incomplete. The primary government is considered to be financially accountable if it appoints a majority of an organization's governing body and imposes its will on that organization. The primary government may also be financially accountable if an organization is fiscally dependent on the primary government, regardless of the authority of the organization's governing board.

The Authority has not identified any entities that should be subject to evaluation for inclusion for the Authority reporting entity.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (1) REPORTING ENTITY “CONTINUED”

B. REPORTING ENTITY “CONTINUED”

The Authority has evaluated its relationship with the Borough of Sutersville and the Township of Sewickley which appointed the governing body and has determined that the Authority is independent of the Borough and the Township. These financial statements are prepared accordingly.

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

A. MEASUREMENT FOCUS, BASIS OF ACCOUNTING AND FINANCIAL STATEMENT PRESENTATION

The Authority is engaged in only business-type activities (functions that are intended to recover all, or a significant portion of, their costs through user fees and charges). Therefore, the Authority has presented only the financial statements required for enterprise funds (fund financial statements). The Authority’s basic financial statements are comprised of two components: 1) fund financial statements and 2) notes to the financial statements.

When both restricted and unrestricted resources are combined in a fund, expenses are considered paid first from restricted resources, and then from unrestricted resources.

The Authority’s enterprise funds are proprietary funds. Proprietary fund financial statements are reported using the accrual basis of accounting. Revenues are recognized when earned and expenses are recorded when a liability is incurred, regardless of the timing of the related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met.

Proprietary fund financial statements are reported using the economic resources measurement focus and presents current increases (revenues) and decreases (expenses) in total net position. All assets and liabilities, whether current or noncurrent, associated with the fund activity are included on the statement of net position.

Proprietary fund operating revenues, such as charges for services, result from exchange transactions associated with the principal activity of the fund. Exchange transactions are those in which each party receives and gives up essentially equal values. Non-operating revenues, such as subsidies and investment earnings, result from nonexchange transactions or ancillary activities.

Amounts paid to acquire capital assets are capitalized as assets in the proprietary fund financial statements, rather than reported as an expense.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

B. CASH AND CASH EQUIVALENTS

Cash and cash equivalents consist of highly liquid investments with original maturities of three months or less.

C. INVESTMENTS

Investments are carried at fair value. Unrealized appreciation or depreciation of investments due to changes in market value is included in net investment income in operations each year. All investment transactions are recorded on the trade date.

The Pennsylvania Municipal Authorities Act limits investments to the following types: (a) United States Treasury bills; (b) short-term obligations of the United States Government or its agencies or instrumentalities; (c) deposits in savings accounts or time deposits or share accounts of institutions insured by the Federal Deposit Insurance Authority or the Federal Savings and Loan Insurance Authority or the National Credit Union Share Insurance Fund to the extent that such accounts are so insured, and, for any amounts above the insured maximum, provided that approved collateral as provided by law therefore shall be pledged by the depository; (d) obligations of the United States of America or any of its agencies or instrumentalities backed by the full faith and credit of the United States of America, the Commonwealth of Pennsylvania or any of its agencies or instrumentalities backed by the full faith and credit of the Commonwealth, or of any political subdivision of the Commonwealth of Pennsylvania or any of its agencies or instrumentalities backed by the full faith and credit of the political subdivision; (e) shares of an investment company registered under the Investment Company Act of 1940, whose shares are registered under the Securities Act of 1933, provided that the only investments of that company are in the authorized investments for Authority funds listed in clauses (a) through (d). The Authority does not have a formal investment policy that further limits its investment choices.

D. RECEIVABLES

Trade receivables are shown net of an allowance for uncollectible accounts. Management deems all sewage income receivables collectible as of December 31, 2024.

E. PREPAID ITEMS

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in the financial statements.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

F. CAPITAL ASSETS

Capital assets, including property, plant, and equipment, are reported in the proprietary fund financial statements. Such assets are recorded at historical costs. Donated capital assets are recorded at the estimated fair market value at the time of donation.

The costs associated with normal maintenance and repairs that do not add to the value of the asset or materially extend asset lives are not capitalized.

Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest incurred during the construction phase of capital assets of business-type activities is included as part of the capitalized value of the assets constructed. The Authority incurred no interest expense subject to capitalization during the current year.

The capital assets of the Authority are depreciated using the straight-line method over the following estimated useful lives:

Sewer System	40 years
Machinery and Equipment	5-10 years
Furniture and Fixtures	10 years
Leasehold Improvements	10-40 years
Building	40 years

G. NET POSITION

The financial statements utilize a net position presentation. Net position is categorized as follows:

- Net Investment in Capital Assets – This category groups all capital assets into one component of net position. Accumulated depreciation and the outstanding balances of debt that are attributable to the acquisition, construction or improvement of these assets reduce the balance in this category.
- Restricted Net Position – This category presents external restrictions imposed by creditors, grantors, contributors or laws or regulations of other governments and restrictions imposed by law through constitutional provisions or enabling legislation.
- Unrestricted Net Position – This category represents net position of the Authority, not restricted for any project or other purpose.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES “CONTINUED”

H. BUDGET

The Authority finance committee prepares a proposed budget based on proposed project projections for the upcoming year. This proposed budget reflects, as nearly as possible, the estimated revenues and expenditures for the upcoming year in accordance with generally accepted accounting principles. The finance committee presents the budget to the board for approval. Amendments to the budget are not generally made during the year.

I. ADOPTION OF GOVERNMENTAL ACCOUNTING STANDARDS BOARD STATEMENTS

The requirements of the following GASB Statements were adopted for the Authority’s 2024 financial statements:

In June 2022, the GASB issued Statement No. 100, “*Accounting Changes and Error Corrections – an amendment of GASB Statement No. 62.*” The Authority is required to adopt Statement No. 100 for their calendar year 2024 financial statements.

In June 2022, the GASB issued Statement No. 101, “*Compensated Absences.*” The Authority is required to adopt Statement No. 101 for their calendar year 2024 financial statements.

J. PENDING CHANGES IN ACCOUNTING PRINCIPLES

In December 2023, the GASB issued Statement No. 102, “*Certain Risk Disclosures*”. The Authority is required to adopt Statement No. 102 for their calendar year 2025 financial statements.

In April 2024, the GASB issued Statement No. 103, “*Financial Reporting Model Improvements.*” The Corporation is required to adopt Statement No. 103 for its calendar year 2026 financial statements.

In September 2024, the GASB issued Statement No. 104, “*Disclosure of Certain Capital Assets.*” The Corporation is required to adopt Statement No. 104 for its calendar year 2026 financial statements.

The Authority has not yet completed the various analysis required to estimate the financial statement impact of these new pronouncements.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (3) DEPOSITS AND INVESTMENTS

Deposits and investments are reported as cash and cash equivalents and investments. The perspectives for financial reporting of deposits and investments differ under generally accepted accounting principles for balance sheet reporting and for financial statement disclosures. Therefore, cash and cash equivalents on the balance sheet include both deposits and investments.

Statement of Net Position	
Cash & Cash Equivalents	\$ <u>487,191</u>
	<u>487,191</u>
Reconciling Items	
Routine Transactions in Transit	<u>0</u>
	487,191
GASB 40 Disclosure	
Deposits	326,195
Investments	<u>160,996</u>
	<u>\$ 487,191</u>

At December 31, 2024, The Authority had the following investments:

Investment Type	<u>Fair Value</u>	<u>Weighted Average Maturity (Months)</u>
PA Government Investment Trust	\$ <u>160,996</u>	<u>1.47</u>

Custodial Credit Risk – Deposits. In the case of deposits, this is the risk that in the event of a bank failure, the Authority’s deposits may not be returned to it. The Authority does not have a deposit policy for custodial credit risk. As of December 31, 2024, \$76,195 of the Authority’s bank balances of \$326,195 was exposed to custodial credit risk because it was uninsured and collateralized with securities held by the pledging financial institution’s trust department or agent, but not in the Authority’s name.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTSNOTE (4) CAPITAL ASSETS

Capital asset activity for the year ended December 31, 2024 was as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital Assets Not Being Depreciated				
Land and Right of Ways	\$ 44,315	\$ 0	\$ 0	\$ 44,315
Total Capital Assets Not Being Depreciated	<u>44,315</u>	<u>0</u>	<u>0</u>	<u>44,315</u>
Capital Assets Being Depreciated				
Collection and Treatment Plant	8,217,621	0	0	8,217,621
Office Building	78,191	0	0	78,191
Office Equipment and Furniture	8,055	0	0	8,055
Total Capital Assets Being Depreciated	<u>8,303,867</u>	<u>0</u>	<u>0</u>	<u>8,303,867</u>
Capital Assets at Historical Cost	8,348,182	0	0	8,348,182
Less: Accumulated Depreciation	<u>(3,378,885)</u>	<u>(207,361)</u>	<u>0</u>	<u>(3,586,246)</u>
Business-Type Activities, Capital Assets, Net	<u>\$ 4,969,297</u>	<u>\$ (207,361)</u>	<u>\$ 0</u>	<u>\$ 4,761,936</u>

NOTE (5) NONCURRENT LIABILITIESA. NOTES PAYABLE

The Authority has one loan from the Pennsylvania Infrastructure Investment Authority (Pennvest), Loan #P33000265-101, formerly Loan #27724, with an original principal balance of \$5,019,887.

On August 8, 2018, Sutersville-Sewickley Municipal Sewage Authority entered into a loan modification with Pennvest by extending the term thereof from thirty (30) years to thirty-four (34) years, thereby reducing the monthly payment from \$16,230 to \$13,679, effective as of September 1, 2018. The scheduled maturity date of the loan changed to September 1, 2041.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (5) NONCURRENT LIABILITIES “CONTINUED”

B. CHANGES IN LONG-TERM DEBT

The changes in Pennvest loans outstanding are comprised of the following as of December 31, 2024:

	Pennvest #P33000265-101 Formerly #27724
Original Amount of Debt Issued	\$ <u>5,019,887</u>
Notes Payable - December 31, 2023	\$ 2,668,726
Loan Proceeds	0
Principal Payments	<u>(138,096)</u>
Notes Payable	2,530,630
Less: Current Portion	<u>(139,483)</u>
Long-Term Debt - December 31, 2024	\$ <u>2,391,147</u>

C. DEBT SERVICE REQUIREMENTS

Future Pennvest loan debt service requirements are detailed as follows:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2025	\$ 139,483	\$ 24,668	\$ 164,151
2026	140,885	23,266	164,151
2027	142,300	21,851	164,151
2028	143,729	20,422	164,151
2029	145,173	18,978	164,151
2030-2034	748,038	72,719	820,757
2035-2039	786,374	34,383	820,757
2040-2041	284,648	2,617	287,265
	\$ <u>2,530,630</u>	\$ <u>218,904</u>	\$ <u>2,749,534</u>

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
NOTES TO THE FINANCIAL STATEMENTS

NOTE (6) CONTINGENT LIABILITIES

A. GRANT PROGRAMS

The Authority participates in both federal and state grant and loan programs. These programs are subject to program compliance audits by the grantors. The Authority could be liable for any expenditure which is disallowed by the grantor; however, management is not aware of any such significant items.

B. Other Matters

In the normal course of business, there are various claims and suits pending against the Authority and its appointed officials. Management is of the opinion that these matters will not have a material adverse effect on the Authority's financial position.

NOTE (7) SUBSEQUENT EVENTS

Subsequent events were evaluated through July 30, 2025, which is the date the financial statements were available to be issued.

A. Elizabeth Township Sanitary Authority

Sutersville-Sewickley Municipal Sewage Authority (SSMSA) entered into an intermunicipal authorities sewage service agreement with the Elizabeth Township Sanitary Authority (ETSA) on September 11, 2006. The agreement provides for ETSA to accept the sewage and acceptable commercial and industrial waste discharged from within the SSMSA service area for conveyance and treatment. The SSMSA disputed the rates being charged by the ETSA and requested an amendment to the agreement. On August 12, 2019, ETSA filed suit against SSMSA regarding the outstanding amount owed to ETSA.

SSMSA and ETSA reached a settlement agreement on May 9, 2025. SSMSA agreed to pay Elizabeth Township \$82,007 as full satisfaction of past charges for wastewater treatment at the McKeesport Treatment Plant. SSMSA also agreed to pay Elizabeth Township a one-time lump sum payment of \$90,000 on the date of the closing of the SSMSA System Sale detailed in the next note. If the SSMSA System Sale is terminated, SSMSA shall pay Elizabeth Township \$0.

B. Asset Purchase Agreement

The Authority entered into an Asset Purchase Agreement with the Pennsylvania-American Water Company (PAWC) on May 22, 2025. Under this agreement, PAWC will purchase all Authority assets free and clear of encumbrances in the amount of \$3.25 million. The purchase price shall be payable directly to the seller on the closing date. The Authority will discontinue operations upon execution of the sale. However, the Authority will remain in effect in order to wind down the business of the Authority.

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY

SUPPLEMENTAL INFORMATION

Year Ended December 31, 2024



Barbara A. Terek, CPA
Matthew D. Homer, CPA
Robert K. Bulloch, CPA

HORNER, WIBLE & TEREK, PC

CERTIFIED PUBLIC ACCOUNTANTS

500 Rugh Street, Greensburg, PA 15601
724-837-7141, 724-837-7172 Fax
hwt@hwtcpa.com

INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Members of the Board
Sutersville-Sewickley Municipal Sewage Authority
Sutersville, Pennsylvania 15083

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities of the Sutersville-Sewickley Municipal Sewage Authority as of and for the year ended December 31, 2024, and the related notes to the financial statements, which collectively comprise the Sutersville-Sewickley Municipal Sewage Authority's basic financial statements, and have issued our report thereon dated July 30, 2025.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered Sutersville-Sewickley Municipal Sewage Authority's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Sutersville-Sewickley Municipal Sewage Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Sutersville-Sewickley Municipal Sewage Authority's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Board of Directors
Sutersville-Sewickley Municipal Sewage Authority
June 30, 2025

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Sutersville-Sewickley Municipal Sewage Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Horner, Wible & Terek, PC

Horner, Wible & Terek, PC
July 30, 2025

SUTERSVILLE-SEWICKLEY MUNICIPAL SEWAGE AUTHORITY
SCHEDULE OF REVENUES, EXPENSES AND CHANGES IN NET POSITION -
BUDGET AND ACTUAL
Year Ended December 31, 2024

	ORIGINAL/ AMENDED BUDGET	ACTUAL	VARIANCE POSITIVE (NEGATIVE)
OPERATING REVENUES			
Sewage Billings	\$ 567,400	\$ 650,078	\$ 82,678
Water Shut-Off Fees	0	400	400
Inspection Income	0	2,525	2,525
Total Operating Revenues	<u>567,400</u>	<u>653,003</u>	<u>85,603</u>
OPERATING EXPENSES			
SEWAGE TREATMENT	<u>324,120</u>	<u>378,240</u>	<u>(54,120)</u>
COLLECTION SYSTEM			
Depreciation Expense	0	205,440	(205,440)
Pump Station Repairs	6,000	5,728	272
Pump Station Monitoring	7,400	9,155	(1,755)
Gas and Electric	3,290	4,422	(1,132)
Water Shut Off/Posting Fees	250	390	(140)
Sewage Line Repairs	6,000	7,255	(1,255)
Sewer Line Inspection	0	2,643	(2,643)
Engineering Consulting Fees	1,000	1,722	(722)
	<u>23,940</u>	<u>236,755</u>	<u>(212,815)</u>
GENERAL AND ADMINISTRATIVE EXPENSE			
Depreciation Expense	0	1,921	(1,921)
Insurance	10,500	10,891	(391)
Sewage Billing Services	7,000	5,980	1,020
Building Maintenance	4,200	6,195	(1,995)
Salaries and Wages	9,000	10,169	(1,169)
Telephone	2,200	2,171	29
Utilities	1,410	1,303	107
Payroll Tax Expense	1,500	920	580
Office Expense	3,000	4,645	(1,645)
Miscellaneous	500	99	401
Professional Services	14,278	45,290	(31,012)
	<u>53,588</u>	<u>89,584</u>	<u>(35,996)</u>
TOTAL OPERATING EXPENSES	<u>401,648</u>	<u>704,579</u>	<u>(302,931)</u>
OPERATING INCOME (LOSS)	<u>165,752</u>	<u>(51,576)</u>	<u>(217,328)</u>
NONOPERATING REVENUES (EXPENSES)			
Interest Income	7,569	7,569	0
Interest Expense	(26,055)	(26,055)	0
Total Nonoperating Revenues (Expenses)	<u>(18,486)</u>	<u>(18,486)</u>	<u>0</u>
INCOME (LOSS) BEFORE CONTRIBUTIONS AND TRANSFERS	<u>147,266</u>	<u>(70,062)</u>	<u>(217,328)</u>
CHANGE IN NET POSITION	<u>147,266</u>	<u>(70,062)</u>	<u>(217,328)</u>
TOTAL NET POSITION - JANUARY 1	<u>2,775,645</u>	<u>2,775,645</u>	<u>0</u>
TOTAL NET POSITION - DECEMBER 31	<u>\$ 2,922,911</u>	<u>\$ 2,705,583</u>	<u>\$ (217,328)</u>

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

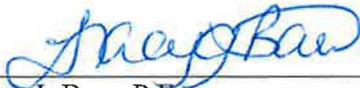
In re: Application of Pennsylvania-American Water Company under Section 1102(a) of the Pennsylvania Public Utility Code, 66 Pa. C.S. § 1102(a), for approval of (1) the transfer, by sale, of substantially all of the Sutersville-Sewickley Municipal Sewage Authority's assets, properties and rights related to its sanitary sewage collection and conveyance system to Pennsylvania-American Water Company; and (2) the right of Pennsylvania-American Water Company to begin to offer and furnish wastewater service to the public in the Borough of Sutersville and in portions of Sewickley Township, Westmoreland County, Pennsylvania

Docket No. A-2025-3056563

VERIFICATION

I, Tracy J. Baer, P.E., hereby state that the facts set forth in Pennsylvania-American Water Company's Responses, and accompany exhibits, if any, to the Bureau of Technical Utility Services, Set 1, dated September 11, 2025, are true and correct to the best of my knowledge, information and belief. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Dated: October 14, 2025



Tracy J. Baer, P.E.
Senior Director of Business Development
Pennsylvania-American Water Company

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

In re: Application of Pennsylvania-American Water Company under Section 1102(a) of the Pennsylvania Public Utility Code, 66 Pa. C.S. § 1102(a), for approval of (1) the transfer, by sale, of substantially all of the Sutersville-Sewickley Municipal Sewage Authority's assets, properties and rights related to its sanitary sewage collection and conveyance system to Pennsylvania-American Water Company; and (2) the right of Pennsylvania-American Water Company to begin to offer and furnish wastewater service to the public in the Borough of Sutersville and in portions of Sewickley Township, Westmoreland County, Pennsylvania

Docket No. A-2025-3056563

VERIFICATION

I, Dr. Christina E. Chard, hereby state that the facts set forth in Pennsylvania-American Water Company's Responses, and accompany exhibits, if any, to the Bureau of Technical Utility Services, Set 1, dated September 11, 2025, are true and correct to the best of my knowledge, information and belief. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).

Dated: October 14, 2025



Dr. Christina E. Chard
Senior Director of Rates and Regulatory
Pennsylvania-American Water Company

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of Pennsylvania-American Water Company under Section 1102(a) of the Pennsylvania Public Utility Code, 66 Pa. C.S. § 1102(a), for approval of (1) the transfer, by sale, of substantially all of the Sutersville-Sewickley Municipal Sewage Authority's assets, properties and rights related to its sanitary sewage collection and conveyance system to Pennsylvania-American Water Company; and (2) the right of Pennsylvania-American Water Company to begin to offer and furnish wastewater service to the public in the Borough of Sutersville and in portions of Sewickley Township, Westmoreland County, Pennsylvania :

Docket No. A-2025-3056563

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of Pennsylvania-American Water Company's Responses to the Bureau of Technical Utility Services Data Request, Set 1, upon the persons and in the manner indicated below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a party).

VIA Electronic Delivery

Darryl Lawrence
Consumer Advocate
PA Office of Consumer Advocate
555 Walnut Street, 5th Floor, Forum Place
Harrisburg, PA 17101-1923
(via electronic mail – ra-oca@paoca.org)

Rebecca Lyttle
Assistant Small Business Advocate
PA Office of Small Business Advocate
555 Walnut Street, 1st Floor, Forum Place
Harrisburg, PA 17101
(via electronic mail – relyttle@pa.gov)

Allison Kaster
Director and Chief Prosecutor
PA Public Utility Commission
Bureau of Investigation and Enforcement
Commonwealth Keystone Building
400 North Street, 2nd Floor, West
Harrisburg, PA 17120
(via electronic mail – akaster@pa.gov)

Dated: October 14, 2025



Erin K. Fure (PA ID# 312245)
Director, Corporate Counsel
Pennsylvania-American Water Company
852 Wesley Drive, Mechanicsburg, PA 17055
Office: 717.550.1556
erin.fure@amwater.com