

The logo for PGH2O features the letters 'PGH' in a bold, green, sans-serif font. The number '2' is contained within a blue water droplet shape, and the letter 'O' is a solid blue circle. The entire logo is set against a white background with a green, brush-stroke-like border.

**Constructors Association
of Western Pennsylvania**

Pittsburgh Water and Sewer Authority Update

Construction Market Symposium 2023

Barry King, P.E., PMP

Director of Engineering and Construction

March 1, 2023

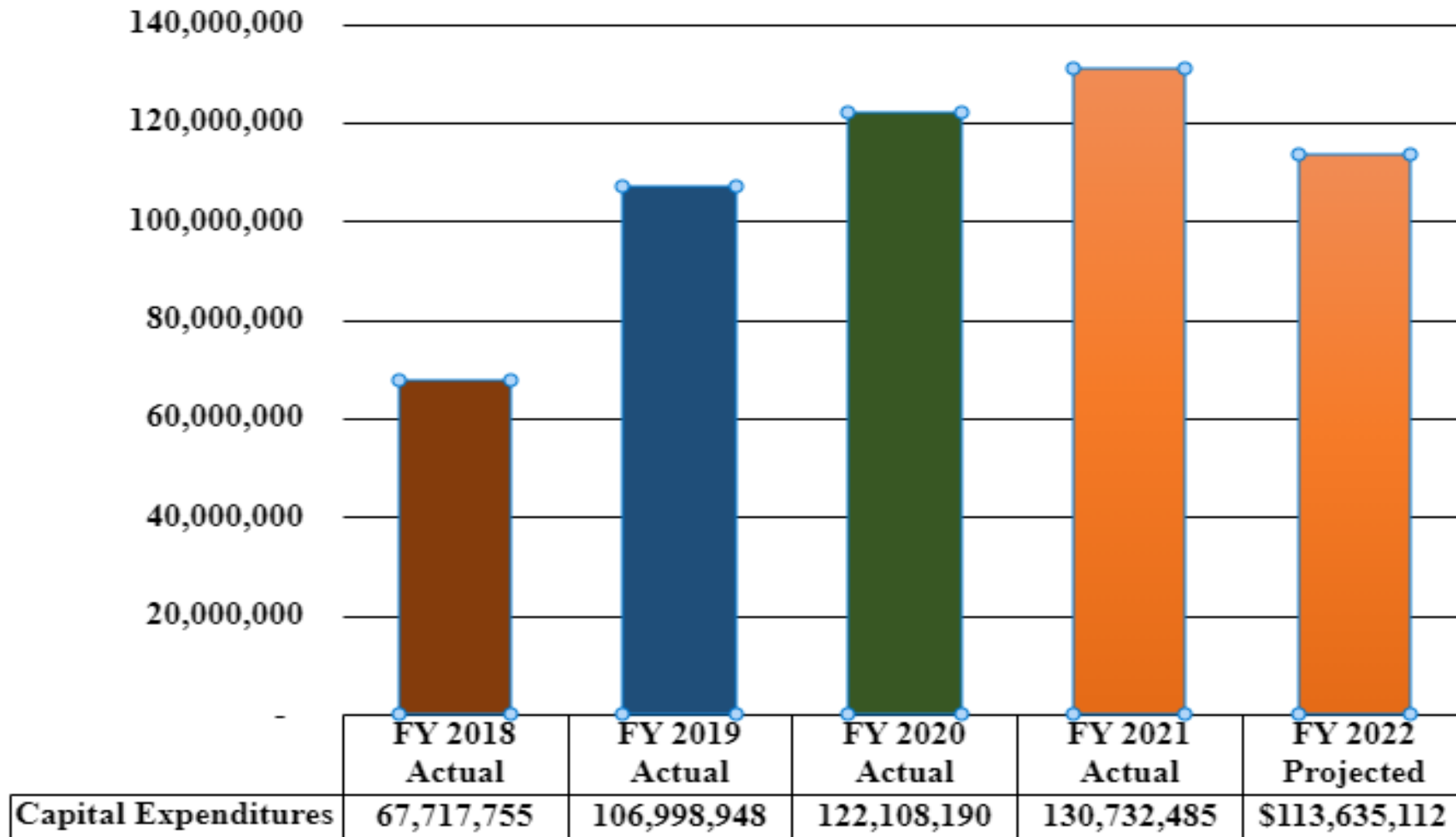
5-Year Capital Improvement Program

The 2023-2027 Capital Improvement Program (CIP) Budget is PWSA's strategic plan to renew our water and sewer systems.

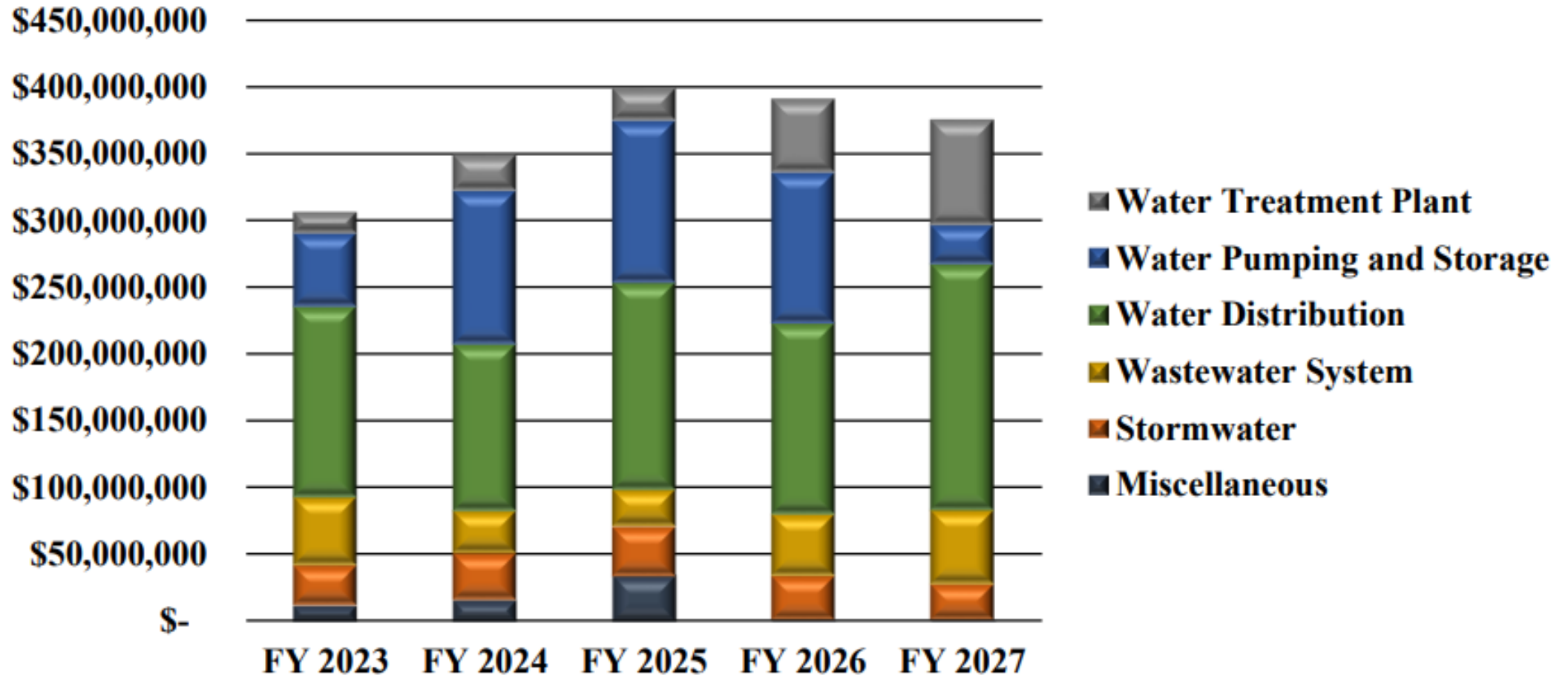
Existing Bruecken Pump Station



Historical Annual Capital Investment

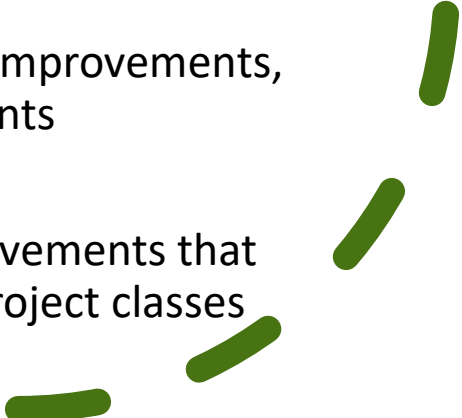


Proposed Annual Capital Investment



Project Types Summary

PWSA's Capital Improvement Plan is organized into six project classes (types)

- **Water Treatment Plant:**
 - Capital improvements at Water Treatment Plants
 - **Water Pumping and Storage:**
 - Pump station, reservoir, and tank related capital improvements
 - **Water Distribution:**
 - Water meter, small/intermediate/large water main, lead service line replacement, and water distribution capital improvements
 - **Wastewater System:**
 - Small/large diameter sewer rehabilitation, sewer reconstruction, and sewer system capital improvements
 - **Stormwater:**
 - Catch basin, sewer separation, stormwater improvements, and green infrastructure capital improvements
 - **Miscellaneous:**
 - Surface restoration, and other capital improvements that do not qualify to be included in the other project classes
- 










Capital Plans

- Located at:
<https://www.pgh2o.com/about-us/finance>

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Bruecken Pump Station

Water Capital Projects

Water Capital Projects: 2022 Construction RFPs: Water Distribution

Project Name	Proposed Date*	Project Budget**
2023 Urgent Lead Service Line Replacement	2023-Q1	\$1,540,000
2023 Valve Replacement	2023-Q1	\$2,500,000
2021 Small Diameter Water Main Replacement - Contract A Construction	2023-Q2	\$18,200,000
2022 Small Diameter Water Main Replacement - Contract A	2023-Q2	\$23,900,000
2022 Small Diameter Water Main Replacement - Contract B	2023-Q2	\$21,800,000
2023 A Lead Service Line Replacement	2023-Q2	\$11,400,000
2023 Water Relay	2023-Q3	\$1,500,000

* Proposed Date reflects the projected date of RFP release, which is subject to change dependent upon receipt of Permits and/or funding mechanism ultimately achieved (e.g., PennVEST Funding).

** Construction Cost Only – Does not include costs for Planning, Design and Construction Management/Inspection.

Water Capital Projects: 2022 Construction RFPs: Water Pumping and Storage, and Water Treatment Plant

Project Name	Proposed Date*	Project Budget**
Disinfection By-Products Mitigation	2023-Q1	\$1,800,000
Highland Reservoir Pump Station and Rising Main (WRP)	2023-Q1	\$42,500,000
Aspinwall WTP Chemical Unloading Area Improvements and Underground Storage Tank Removal and Replacement	2023-Q2	\$810,000
Lime Slurry System Improvements	2023-Q3	\$4,600,000
Sludge Chamber Pump Project	2023-Q3	\$1,000,000
Lanpher Reservoir Improvements (WRP)	2023-Q4	\$11,000,000
Aspinwall Pump Station Improvements, Bruecken Pump Station Improvements, and Clearwell Emergency Response Project (WRP)	2023-Q4	\$159,000,000

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** Construction Cost Only – Does not include costs for Planning, Design and Construction Management/Inspection.



Wastewater and Stormwater Capital Projects

Wastewater Capital Projects

Project Name*	Proposed Date**	Construction Budget
2023 Small Diameter Sewer Rehabilitation (3 Contracts)	2023-Q1	\$12,500,000
2021 Large Diameter Sewer Rehabilitation	2023-Q1	\$4,500,000
2022 Large Diameter Sewer Rehabilitation	2023-Q1	\$4,700,000
2023 Large Diameter Sewer Rehabilitation	2023-Q2	\$2,000,000
2020 Sewers Under Structures (Multiple Contracts)	2023-Q1/Q2	Approx. \$3,000,000
Queenston Sewer Separation	2023-Q1	\$2,500,000
<i>Annual IDIQ Urgent Sewer Contracts* (Operating, 2 Contracts)</i>	<i>2023-Q1</i>	<i>\$5,000,000</i>

* Excludes Annual Indefinite Quantity Contracts (except for referenced Urgent Sewer Contracts).

** Proposed Date reflects the projected date of RFP release, which is subject to change dependent upon receipt of Permits and/or funding mechanism ultimately achieved (e.g., PennVEST Funding).

Stormwater Capital Projects

Project Name*	Proposed Date**	Construction Budget
Martin Luther King Field Stormwater Infrastructure Improvements	2023-Q2	\$3,900,000
Woods Run - Phase II	2023-Q3	\$2,400,000
Haverhill Street Improvements Project	2023-Q2	\$880,000
Dragoon Way Stormwater Improvements	2023-Q2	\$900,000
Stewart Avenue Stormwater Infrastructure Project	2023-Q3	\$2,500,000
Braywood Stormwater Improvements	2023-Q2	\$700,000
Southside Flats Sewer Separation	2023-Q1	\$3,500,000






* Excludes Annual Indefinite Quantity Contracts (except for referenced Urgent Sewer Contracts).

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PWSA Procurement

- <https://www.pgh2o.com/developers-contractors-vendors/bids-opportunities>
- Partnered with Bonfire Interactive to create a new procurement portal that will allow you to receive notifications of business opportunities and submit bids and proposals to us digitally
- Send questions to: procurement@pgh2o.com

Developers, Contractors & Vendors

-  **Developers, Contractors & Vendors Overview**
-  **Bids & Opportunities**
-  **Supplier Diversity Program**
-  **Permits**
-  **Developer's Manual & Standard Details**



Thank you

*Questions or comments about the
PWSA, please contact PWSA
Information, info@pgh2o.com*

