WATER PROGRAM

The Water Program is administered by the Utilities Department. The program is designed to achieve five primary strategic objectives:

1) Replace and/or rehabilitate aging infrastructure;
2) Maintain or increase system reliability;
3) Improve system efficiency;
4) Address system growth; and
5) Regulatory compliance.

The Water Program continues to plan and invest in the future of the city by maximizing treatment capacity and ensuring facilities are in place to reliably provide water to current and future city residents. The program is slated to improve and enhance the city's water supply, treatment and distribution systems, and provide for new construction and/or upgrades of the city's infrastructure such as pump stations, tanks, treatment facilities, and transmission and distribution water mains.

PRIOR YEAR ACCOMPLISHMENTS

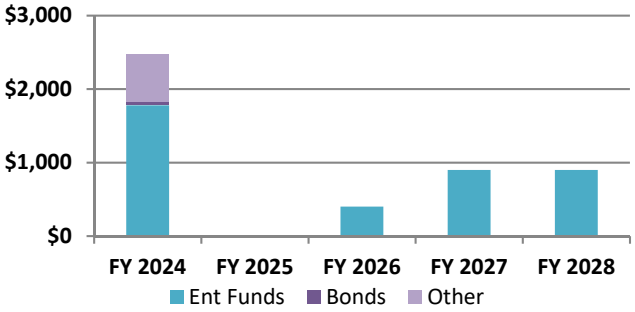
The Water Program continues to invest in ongoing projects to maintain and upgrade the City's reservoir, Water Treatment Facility, and transmission/distribution system. These projects include:

- Upgrading existing 24" water transmission main to 36" (W-042)
- Completed capacity increase study for the water treatment plant (W-047)

THE FIVE-YEAR PLAN (FY 2024 – FY 2028)

The FY 2024 Five-Year Capital Improvement Program (CIP) includes $3,979,000 in Water funds; $51,000 in Bonds; and $650,000 in Other Sources.

FY 2024 funding consists of a $1,779,000 transfer from Water Fund; $51,000 in Bonds; and $650,000 in Other Sources.



(Dollars in Thousands)

FY 2024 CAPITAL PROJECTS

24" Transmission Main Replacement (W-042)
Ongoing work to replace the existing 24" transmission main.

Water Treatment Plant Improvements
Ongoing improvements at the water treatment plan to increase finished water capacity to 18 MGD (W-047), clear well addition and roof renovation (W-065), and replacement of the super pulsator PLC (W-079).

FY 2024 MAINTENANCE CAPITAL PROJECTS

Main Replacement/Looping (W-050)
Replace undersized and aging/failing water mains and loop existing dead-ends on Weems Road (Sudley Road to Longstreet Drive).

Water Plant Improvements (W-070)
Ongoing replacement and refurbishment of components at the Water Treatment Plant.

Water Meter AMR Upgrade (W-078)
Replacement of current failing AMI nodes with AMR nodes to increase reliability and assist in recapturing loss revenue due to failing technology

NEW CAPITAL PROJECTS

- Water Meter AMR Upgrade (W-078)
- Super Pulsator PLC Replacement (W-079)
- Dry Storage Structure (W-080)
- Conventional Filter Underdrain Replacement (W-081)

SUMMARY OF WATER CAPITAL PROJECTS

($ in Thousands)

Cost Estimates	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
Planning	2,275	250	-	400	-	-	-	2,925	650
Land	-	-	-	-	-	-	-	-	-
Construction	58,817	2,230	-	-	900	900	-	62,847	4,030
Total Cost:	**61,092**	**2,480**	**-**	**400**	**900**	**900**	**-**	**65,772**	**4,680**
Funding Sources									
General Fund	-	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-	-
Water Fund	12,980	1,779	-	400	900	900	-	16,959	3,979
Electric Fund	-	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-	-
Bonds	25,412	51	-	-	-	-	-	25,463	51
State	-	-	-	-	-	-	-	-	-
Federal	22,700	-	-	-	-	-	-	22,700	-
NVTA	-	-	-	-	-	-	-	-	-
Other Sources	-	650	-	-	-	-	-	650	650
Total Funding:	**61,092**	**2,480**	**-**	**400**	**900**	**900**	**-**	**65,772**	**4,680**
Operating Impacts									
Staffing (Costs) Savings	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-	-
Debt Service	-	-	(3)	(3)	(3)	(3)	(44)	(56)	(12)
Net Revenue:	**-**	**-**	**(3)**	**(3)**	**(3)**	**(3)**	**(44)**	**(56)**	**(12)**

WATER CAPITAL PROJECT LISTING

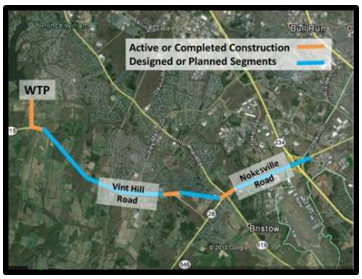
($ in Thousands)

Project Name:	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project	5-Year CIP
24" Transmission Main	34,546	1,354	-	-	-	-	-	35,900	1,354
Finished Water Capacity Increases	7,600	-	-	-	-	-	-	7,600	-
Clear-Well Addition and Roof	8,946	826	-	-	-	-	-	9,772	826
Nokesville Road Water Main	1,300	-	-	-	-	-	-	1,300	-
Surge Tank Expansion	2,000	-	-	-	-	-	-	2,000	-
Screw Press Decant	6,700	-	-	-	-	-	-	6,700	-
Super Pulsator PLC Replacement	-	300	-	-	-	-	-	300	300
Dry Storage Structure (Pole Barn)	-	-	-	200	400	400	-	1,000	1,000
Conventional Filter Underdrain	-	-	-	200	500	500	-	1,200	1,200
Total:	**61,092**	**2,480**	**-**	**400**	**900**	**900**	**-**	**65,772**	**4,680**

W-042 24" Transmission Main Replacement

Year Introduced: 2007
Change: Expanded Scope
Associated Proj: T-039
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3; CFI 7.4.11;

Est. Start: 07/01/2012
Est. Comp: 12/30/2025



Description:

Replace the existing 45-year old water transmission main with a 36" water transmission main in order to increase reliability and water transmission capacity from the Water Treatment Plant to the City. The main is approaching the end of its useful life and experiences unacceptable hydraulic conditions during peak demand periods. Two phases have already been completed, one phase is in construction and half completed, three more phases are in design, and the last is being planned out. The project will be coordinated with both City roadway improvements and Prince William Country roadway improvements. Additional Water Fund funding have been added in FY 2024 to complete the Dean Drive segment to the water tank.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	1,225	-	-	-	-	-	-	1,225
Land	-	-	-	-	-	-	-	-
Construction	33,321	1,354	-	-	-	-	-	34,675
Total Cost:	**34,546**	**1,354**	**-**	**-**	**-**	**-**	**-**	**35,900**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	8,130	1,354	-	-	-	-	-	9,484
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	10,416	-	-	-	-	-	-	10,416
State	-	-	-	-	-	-	-	-
Federal	16,000	-	-	-	-	-	-	16,000
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**34,546**	**1,354**	**-**	**-**	**-**	**-**	**-**	**35,900**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-047 Finished Water Capacity Increases

Year Introduced: 2009
Change: Timeline
Associated Proj: W-065
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.1; CFI 7.4.3;

Est. Start: 07/01/2013
Est. Comp: 06/30/2025

Description:

Due to growth in the City and increased water demands during the summer months, it is anticipated that additional capacity will be required in the future. The finished water capacity increase will increase to 18 mgd. The project will reduce reliance on Prince William County Service Authority interconnects.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	750	-	-	-	-	-	-	750
Land	-	-	-	-	-	-	-	-
Construction	6,850	-	-	-	-	-	-	6,850
Total Cost:	**7,600**	**-**	**-**	**-**	**-**	**-**	**-**	**7,600**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	7,600	-	-	-	-	-	-	7,600
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**7,600**	**-**	**-**	**-**	**-**	**-**	**-**	**7,600**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-065 Clear-Well Addition and Roof Renovation

Year Introduced: 2011
Change: Increased Estimate
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 07/01/2017
Est. Comp: 06/30/2025

Description:

Construct a second clear-well to improve reliability of the treatment plant per current design standards. With the new clear-well online, the roof of the existing clear-well will be rehabilitated due to age and observed deterioration identified during an inspection. This project ensures the ability to continue to provide water to the City's customers increasing the current 1.3 MGD capacity to 2.6 MGD.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	200	250	-	-	-	-	-	450
Land	-	-	-	-	-	-	-	-
Construction	8,746	576	-	-	-	-	-	9,322
Total Cost:	**8,946**	**826**	**-**	**-**	**-**	**-**	**-**	**9,772**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	3,550	125	-	-	-	-	-	3,675
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	5,396	51	-	-	-	-	-	5,447
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	650	-	-	-	-	-	650
Total Funding:	**8,946**	**826**	**-**	**-**	**-**	**-**	**-**	**9,772**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	(3)	(3)	(3)	(3)	(44)	(56)
Net Revenue:	**-**	**-**	**(3)**	**(3)**	**(3)**	**(3)**	**(44)**	**(56)**

W-066 Nokesville Road Water Main Upgrade

Year Introduced: 2012
Change: No Change
Associated Proj: N/A
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 07/01/2022
Est. Comp: 06/30/2024

Description:

Upgrade 3,200 feet of 8" steel pipe to 16" pipe on Route 28 (Foster Drive to Technology Drive). The new pipe will connect to the existing 24" transmission main and extend 3,200 feet northward to connect with the 16" line installed with the Route 28 Overpass project. This project reduces the potential for breaks in an identified trouble area and is consistent with meeting the City's initiative to improve distribution system operations.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	100	-	-	-	-	-	-	100
Land	-	-	-	-	-	-	-	-
Construction	1,200	-	-	-	-	-	-	1,200
Total Cost:	**1,300**	**-**	**-**	**-**	**-**	**-**	**-**	**1,300**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	1,300	-	-	-	-	-	-	1,300
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**1,300**	**-**	**-**	**-**	**-**	**-**	**-**	**1,300**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-072 Surge Tank Expansion

Year Introduced: 2021
Change: Timeline
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: M. Nicholson
Plan Conformance: CFI 7.4.3

Est. Start: 01/01/2021
Est. Comp: 06/30/2024

Description:

Design and construction of an additional surge tank to meet the needs of increased capacity from the current rate of 14 MGD to 18 MGD. All process flow goes to the surge tank including backwash water, basin sludge, pulsator blowdowns and various sump pits. It has become increasingly more difficult to pump the surge tank between the next set of backwashes and basin cleanouts.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	2,000	-	-	-	-	-	-	2,000
Total Cost:	**2,000**	**-**	**-**	**-**	**-**	**-**	**-**	**2,000**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	2,000	-	-	-	-	-	-	2,000
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**2,000**	**-**	**-**	**-**	**-**	**-**	**-**	**2,000**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-076 Screw Press Decant

Year Introduced: 2021
Change: Timeline
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: M. Nicholson
Plan Conformance: CFI 7.4.3

Est. Start: 01/01/2021
Est. Comp: 06/30/2024

Description:

Installation of a screw press decant to optimize the solids removal for more efficient disposal using ARPA funding. With the future upgrade there will be an increase in sludge generated from the treatment process. Addtionally, the upgrade will reduce the potential of violations associated with the National Pollution Discharge Elimination System permit.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	6,700	-	-	-	-	-	-	6,700
Total Cost:	**6,700**	**-**	**-**	**-**	**-**	**-**	**-**	**6,700**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	-	-	-	-	-
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	6,700	-	-	-	-	-	-	6,700
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**6,700**	**-**	**-**	**-**	**-**	**-**	**-**	**6,700**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-079 Super Pulsator PLC Replacement

Year Introduced: 2024
Change: New Project
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 08/01/2023
Est. Comp: 02/28/2024

Description:

The current PLC has been exposed to a corrosive environment for many years. The wiring and contacts are corroded and have failed in the past. This usually requires the Controls & Communications department to respond and locate the problem. There are other aspects of Plant Operations that are routed through that panel. The Ammonia Feed System (which is normally flow paced) is routed in that panel.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	-	-	-	-	-
Land	-	-	-	-	-	-	-	-
Construction	-	300	-	-	-	-	-	300
Total Cost:	**-**	**300**	**-**	**-**	**-**	**-**	**-**	**300**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	300	-	-	-	-	-	300
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**-**	**300**	**-**	**-**	**-**	**-**	**-**	**300**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-080 Dry Storage Structure (Pole Barn)

Year Introduced: 2024
Change: New Project
Associated Proj: W-070
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 07/01/2025
Est. Comp: 06/30/2028

Description:
Dry Storage Structure (Pole Barn) to store dry chemicals, pumps, mixers, equipment. This will also increase our chemical inventory

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	200	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	400	400	-	800
Total Cost:	**-**	**-**	**-**	**200**	**400**	**400**	**-**	**1,000**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	200	400	400	-	1,000
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**-**	**-**	**-**	**200**	**400**	**400**	**-**	**1,000**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

W-081 Conventional Filter Underdrain Replacement

Year Introduced: 2024
Change: New Project
Associated Proj: W-047
Program Area: Water
Managing Dept: Utilities
Manager: T. Dawood
Plan Conformance: CFI 7.4.3

Est. Start: 08/01/2025
Est. Comp: 06/01/2029

Description:

The underdrain system is vital to the filter performance. The underdrain system allows for proper backwashes. Proper backwashes increase filter efficiency and run times. Lower run times mean more backwashes and a greater strain on our dewatering situation. Proper backwashes also help prevent filter problems like "mudballs'.

($ in 1,000s) **Cost Estimate:**	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Planning	-	-	-	200	-	-	-	200
Land	-	-	-	-	-	-	-	-
Construction	-	-	-	-	500	500	-	1,000
Total Cost:	**-**	**-**	**-**	**200**	**500**	**500**	**-**	**1,200**
Funding Sources:								
General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	-	-	-	200	500	500	-	1,200
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	-	-	-	-	-	-	-	-
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**-**	**-**	**-**	**200**	**500**	**500**	**-**	**1,200**
Operating Impacts:								
Revenue	-	-	-	-	-	-	-	-
Staffing (Costs) Savings	-	-	-	-	-	-	-	-
Facility (Costs) Savings	-	-	-	-	-	-	-	-
Program (Costs) Savings	-	-	-	-	-	-	-	-
Debt Service	-	-	-	-	-	-	-	-
Net Revenue:	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

WATER MAINTENANCE CAPITAL PROJECT LISTING

The City identifies Capital Projects with a cost greater than $100,000 and a useful life of 10+ years. The City recognizes that there are additional projects/needs that are capital in nature but do not meet the requirement set forth for a capital project. These additional projects/needs are considered Maintenance Capital Projects, a list of which is provided below for the Water program.

Project Name	Prior Years	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total Project
Main Replacement / Looping	4,144	400	400	400	400	400	-	6,144
Water Plant Improvements	2,617	600	600	600	600	600	-	5,617
Conventional Filter Rehabilitation	488	-	-	-	300	300	300	1,388
Water Meter AMR Upgrade	304	300	300	400	400	-	-	1,704
Total Cost:	**7,553**	**1,300**	**1,300**	**1,400**	**1,700**	**1,300**	**300**	**14,853**

Funding Sources

General Fund	-	-	-	-	-	-	-	-
Sewer Fund	-	-	-	-	-	-	-	-
Water Fund	5,861	1,300	1,300	1,400	1,700	1,300	300	13,161
Electric Fund	-	-	-	-	-	-	-	-
Stormwater Fund	-	-	-	-	-	-	-	-
Airport Fund	-	-	-	-	-	-	-	-
School Fund	-	-	-	-	-	-	-	-
Bonds	1,692	-	-	-	-	-	-	1,692
State	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-
NVTA	-	-	-	-	-	-	-	-
Other Sources	-	-	-	-	-	-	-	-
Total Funding:	**7,553**	**1,300**	**1,300**	**1,400**	**1,700**	**1,300**	**300**	**14,853**