

ANNUAL BUDGET

Fiscal Year 2025
(July 1, 2024 - June 30, 2025)



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TABLE OF CONTENTS

ANNUAL BUDGET / HAMPTON ROADS SANITATION DISTRICT

INTRODUCTION

General Manager's Introduction	7
Principal Officials	11
Key Facts	12
Service Area	13
Organization Chart	14
History	15
Rate Schedules	16
Reader's Guide to the Annual Budget	18
Glossary of Financial Terms	20

FINANCIAL FORECAST23

OPERATING BUDGET

Operating Budget	27
Operating Budget Summary	28

Divisional Budgets

General Management	31
Communications	32
Finance	33
Information Technology	34
Talent Management	35
Operations	36
Engineering	38
Water Quality	39
General Expenses, Debt Service and Transfers	40

CAPITAL BUDGET

Capital Budget	43
FY-2025 to FY-2034 Cash Flow Projections	46



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INTRODUCTION

ANNUAL BUDGET / HAMPTON ROADS SANITATION DISTRICT



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General Manager's Introduction

The voters of Virginia took the bold step in 1940 to address pollution in the Hampton Roads by approving a referendum creating the Hampton Roads Sanitation District (HRSD). That public approval capped a 15-year grassroots campaign that began when the shell-fishing beds in the Hampton Roads were closed by the Virginia Department of Health. At the time, over 30 million gallons of untreated sewage was being dumped into the waters of the Hampton Roads each day. It would take the United States Congress another 32 years to tackle the issue of water pollution on a national scale, finally passing the Clean Water Act in 1972.

Over the past 84 years, HRSD has developed into one of the premier wastewater treatment organizations in the nation. With 14 treatment facilities capable of treating 226 million gallons of wastewater each day from twenty cities and counties, HRSD has eliminated the discharge of untreated sewage into the waters of coastal Virginia from the homes and businesses within our region. However, there is more work to be done to further improve water quality as well as preserve our continued investment in wastewater infrastructure.

The Governor-appointed, eight-member HRSD Commission approved this Fiscal Year 2025 budget at its regular meeting on May 28, 2024. The Commission and the HRSD staff worked diligently to balance our focus on stewardship of our ratepayers' hard-earned dollars with our promise of stewardship of the waters of the Hampton Roads. The cost of wastewater treatment continues to rise as historic inflation is impacting every sector of the economy. However, wastewater treatment is still a bargain in Hampton Roads, with the typical household paying about one-penny per gallon for this essential service that protects public health and our treasured local waterways.

Chesapeake Bay Restoration

The Chesapeake Bay is a national treasure as the nation's largest estuary but suffers from nutrient pollution from three major sources: agricultural runoff, stormwater and wastewater. With more than 18 million people living in the Chesapeake Bay watershed, wastewater is responsible for approximately 20 percent of the excess nutrients discharged into the Bay. Since 2006, HRSD has invested over \$500 million in new process technology improvements and millions in annual operating costs to meet increasingly stringent federally mandated nutrient reduction limits. Unfortunately, it is not enough. The Commonwealth of Virginia has focused its efforts on removing more nutrients from HRSD wastewater facilities to meet statewide commitments required in the upper portions of the Chesapeake Bay, and to offset delays in meeting nutrient reduction goals largely in unregulated sectors such as agriculture. As a result, the General Assembly in 2021 passed legislation creating the Enhanced Nutrient Removal Certainty Program. This legislative mandate commits HRSD to invest nearly \$2 billion in nutrient removal and related treatment upgrades, with a major portion of this work required to be completed by 2026. The remainder of the program must be completed by 2032. These projects, many of which HRSD planned to accomplish, are now critically needed over a more compressed timeline, reducing HRSD's flexibility in implementing the most cost-effective strategies and likely increasing the overall costs.

HRSD's Integrated Plan – Prioritized Investments to Address Hampton Roads Water Issues

The regional sewer system, although never designed to handle stormwater, fills with rainwater runoff, groundwater and tidal water during larger storms. When the regional system fills beyond its capacity, a sanitary sewer overflow (SSO) occurs onto local streets. As part of the Clean Water Act, the Environmental Protection Agency (EPA) has made minimizing these types of events a national priority; but it comes at a tremendous financial burden. SSOs in Hampton Roads are relatively rare, since the regional system has separate stormwater and sanitary sewer pipes, as opposed to a combined system that is common in larger cities. HRSD remains committed to eliminating SSOs; however, the impact of those transient events on local water quality is minimal and the benefits of their elimination is nearly unperceivable.

In 2014, as part of the EPA negotiations and to save the region money, HRSD and the cities and counties HRSD serves (collectively, Localities) agreed to a cooperative regional approach to increase the region's wet weather flow capacity. Even though HRSD does not own the Localities' collection systems in the metropolitan region of Hampton Roads, HRSD agreed to make prioritized capacity-related improvements to its and the Localities' systems resulting in a significant reduction of overall program compliance costs.

More recently, the EPA has shifted to a more prioritized "one water" approach through their Integrated Planning framework. The Integrated Planning framework allows entities to "best prioritize capital investments and achieve

our human health and water quality objectives.” After years of negotiations with EPA and other key stakeholders, HRSD’s Integrated Plan was approved on February 8, 2022. The plan was a collaborative effort between HRSD, EPA, the Virginia Department of Environmental Quality (DEQ) and the Localities that allows us to prioritize our region’s most important water quality issues.

HRSD’s SWIFT Program Offers Multiple Benefits and Saves the Region \$5 Billion

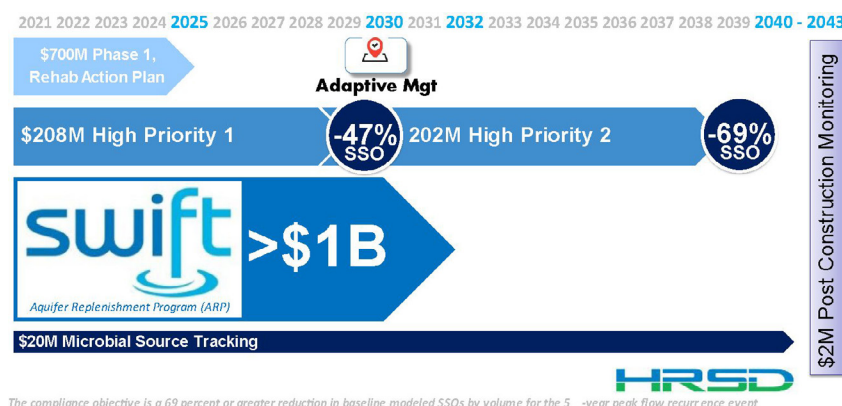
At the heart of the Integrated Plan is HRSD’s Sustainable Water Initiative for Tomorrow (SWIFT) program. This program will take HRSD’s already highly treated water that would otherwise be discharged into the James and Elizabeth rivers and further treat it to meet drinking water standards to be used to recharge the groundwater aquifer. SWIFT will help to:

- Provide a sustainable source of groundwater*
- Slow the rate of land subsidence due to over withdrawal of the aquifer*
- Block saltwater intrusion by creating a pressurized freshwater barrier, and*
- Significantly reduce HRSD’s nutrient discharges to the James and Elizabeth rivers.*

As a result of the projected reduction in nutrients, HRSD established nutrient trading agreements with each Locality allowing them to collectively save over \$2 billion in required stormwater retrofits required by the end of 2025.

Given SWIFT’s significant environmental benefits for the region, HRSD is prioritizing SWIFT construction efforts and implementing two phases of high priority wet weather projects in our Integrated Plan. The key regulatory requirements include:

- \$99 million in improvements as part of our Rehabilitation Action Plan Phase 2 by 2025; current estimate is \$391million.*
- \$214 million of High Priority Wet Weather Projects from 2020 to 2030 to remove 47 percent of projected SSO volume; current estimate is \$238 million.*
- \$196 million of additional High Priority Wet Weather Projects from 2031 to 2040 to remove an additional 22 percent of SSO volume for a total reduction of 69 percent; current estimate is \$205 million.*
- Over \$1 billion spent on SWIFT through 2032; current estimate is \$2.6 billion, and*
- \$20 million in microbial source tracking through 2040.*



HRSD's Integrated Plan not only complies with the Clean Water Act for SSOs, but also with nutrient reduction requirements for the Chesapeake Bay restoration. Between 2021 and 2028, over 70 percent of the total nitrogen and over 50 percent of the phosphorus will be eliminated from the Lower James River Basin.

In addition to helping to provide a sustainable groundwater supply, reducing the rate of land subsidence to lessen the effects of sea level rise in the region, protecting the aquifer from saltwater intrusion, and improving the health of the Chesapeake Bay, HRSD's regional approach to these regulatory requirements will save the region approximately \$5 billion as compared with each Locality individually being required to comply with the Clean Water Act and Chesapeake Bay nutrient reductions.

Pursuing Innovative Solutions to Reduce Costs and Protect Water Quality

HRSD continues to lead international research efforts to reduce the cost of removing nutrients from wastewater and to intensify treatment processes. HRSD's research work is leveraged through partnerships with leading universities and other innovative wastewater utilities throughout the world. Putting the knowledge gained into practice has already yielded a significant return on our investment by reducing operating costs for nutrient removal, as well as minimizing the need for certain capital investments. These efforts have reduced HRSD's energy and chemical costs by nearly \$40 million over the past 10 years.

Financing a Sustainable Water Future

HRSD is investing in the regional wastewater infrastructure to ensure we leave a fully functional system to the next generation. While HRSD continues to focus on making the right investments at the right time in Hampton Roads, across the nation the need for investment in all infrastructure continues to grow. The American Society of Civil Engineers' 2021 Infrastructure Report Card graded the current state of wastewater infrastructure at a D+. The US Water Alliance's Report, The Economic Benefits of Investing in Water Infrastructure, estimates the unmet water investment at over \$81 billion per year. The report highlights the lack of adequate federal investment in wastewater infrastructure, showing the drop in federal investment from 63 percent in 1977 to less than 4 percent in 2017. State, regional and local governments have had to fill that funding gap, passing on significant rate increases as utilities must price service to recover full costs.

With 76 percent of HRSD's \$2.6 billion five-year CIP necessitated by changing environmental regulations, HRSD must continue to raise its rates. To lower costs to its ratepayers, HRSD seeks the lowest cost of capital to finance its infrastructure requirements. HRSD is the largest borrower in the Commonwealth of Virginia Clean Water Revolving Loan Funds (VCWRLF) issued by the DEQ and the Virginia Resources Authority. VCWRLF is a federally subsidized program that offers up to a 1.5 percent interest rate subsidy for 20-year loans. HRSD also secured \$1.05 billion in federally subsidized Water Infrastructure Finance and Innovation Act (WIFIA) programmatic loans for SWIFT. Approximately, \$700 million of those loans have a locked-in interest rate of 1.78 percent. These strategies, when compared to current market rates, will save our ratepayers over \$600 million. HRSD is also actively applying for Virginia Water Quality Improvement Fund (WQIF) grants to help fund the required nutrient reduction projects, but funds are dependent on General Assembly appropriations.

The Community's Role

Our ratepayers can help control their costs by helping us control ours. Ensuring storm water runoff from downspouts, area drains, and sump pumps is not directed to the sanitary sewer system, and ensuring privately-owned service piping is well maintained and leak free will reduce the amount of extraneous water entering the sewer system. Collecting fats, oils and grease in a container for disposal in the trash, as opposed to pouring them down the drain, reduces wastewater system maintenance and operating costs. Proper disposal of unused medications (and other substances) prevents them from reaching our treatment plants, which are not designed for removal of such

substances. Our ratepayers can make a difference by not flushing unused medications down the sink or the toilet and avoid using “flushable” wipes as they do not break down and clog our system. Every flush counts.

As we reflect on nearly 84 years of protecting public health and the waters of Hampton Roads, we remember the mandate so boldly declared by those environmentally concerned Virginians in 1940. It was their foresight that allows us to enjoy the waters of Hampton Roads today. It will take our continued innovation, investment and foresight to ensure future generations will inherit clean waterways and be able to keep them clean.



Jay A. Bernas, PE
General Manager

Principal Officials

May 1, 2024

COMMISSIONERS

STEPHEN C. RODRIGUEZ

Chair

FREDERICK N. ELOFSON, CPA

Vice Chair

MICHAEL E. GLENN
NANCY J. STERN

VISHNU K. LAKDAWALA, Ph.D.
ELIZABETH A. TARASKI, Ph.D.

WILLIE LEVENSTON, JR.
ANN W. TEMPLEMAN

STAFF

JAY A. BERNAS, P.E.

*General Manager/Chief Executive
Officer*

STEVEN G. DE MIK, CPA

*Deputy General Manager/
Chief Financial Officer*

EDDIE M. ABISAAB,
P.E., PMP, ENV SP
Chief Operating Officer

CHARLES B. BOTT,
Ph.D., P.E., BCEE
Chief Technology Officer

DONALD C. CORRADO
Chief Information Officer

BRUCE W. HUSSELBEE,
Ph.D., P.E.
Chief Engineer

JAMIE HEISIG-MITCHELL
Chief of Water Quality

DORISSA T. PITTS-PAIGE,
PHR, IPMA-SCP, SHRM-SCP
Chief People Officer

LEILA E. RICE, APR
Chief Communications Officer

JENNIFER I. CASCIO
Commission Secretary

ELIZABETH I. SCOTT
Assistant Commission Secretary

COUNSEL, ADVISOR, TRUSTEE

Sands Anderson PC
General Counsel

PFM Financial Advisors LLC
Financial Advisor

Norton Rose Bulbright US LLP
Bond Counsel

Aqualaw PLC
Special Counsel

The Bank of New York Mellon
Trustee and Bond Registrar

Key Facts

SERVICE AREA AND OPERATIONS

Date Established	November 5, 1940
Communities Served	20 communities encompassing 4,998 square miles
	HRSD is a political subdivision of the Commonwealth of Virginia, created for the specific purpose of water pollution abatement in Hampton Roads by providing a system of interceptor mains and wastewater treatment plants.
Population Served	About 1.9 million, nearly one-fifth of Virginia's population, reside in HRSD's service area.

OPERATION AND FACILITIES

No. of Positions (FY-2025)	947
Miles of Pipelines	693 Miles
Wastewater Treated	140 million gallons per day average
Wastewater Capacity	226 million gallons per day

FINANCIAL INFORMATION

Bond Ratings

Ratings Agency	Senior Debt	Subordinate Long-term	Subordinate Short-term
Standard & Poor's	AA+	AA+	A-1 +
Fitch Ratings	AA+	AA	F1 +
Moody's Investors Service	Aa1	Aa1	n/a

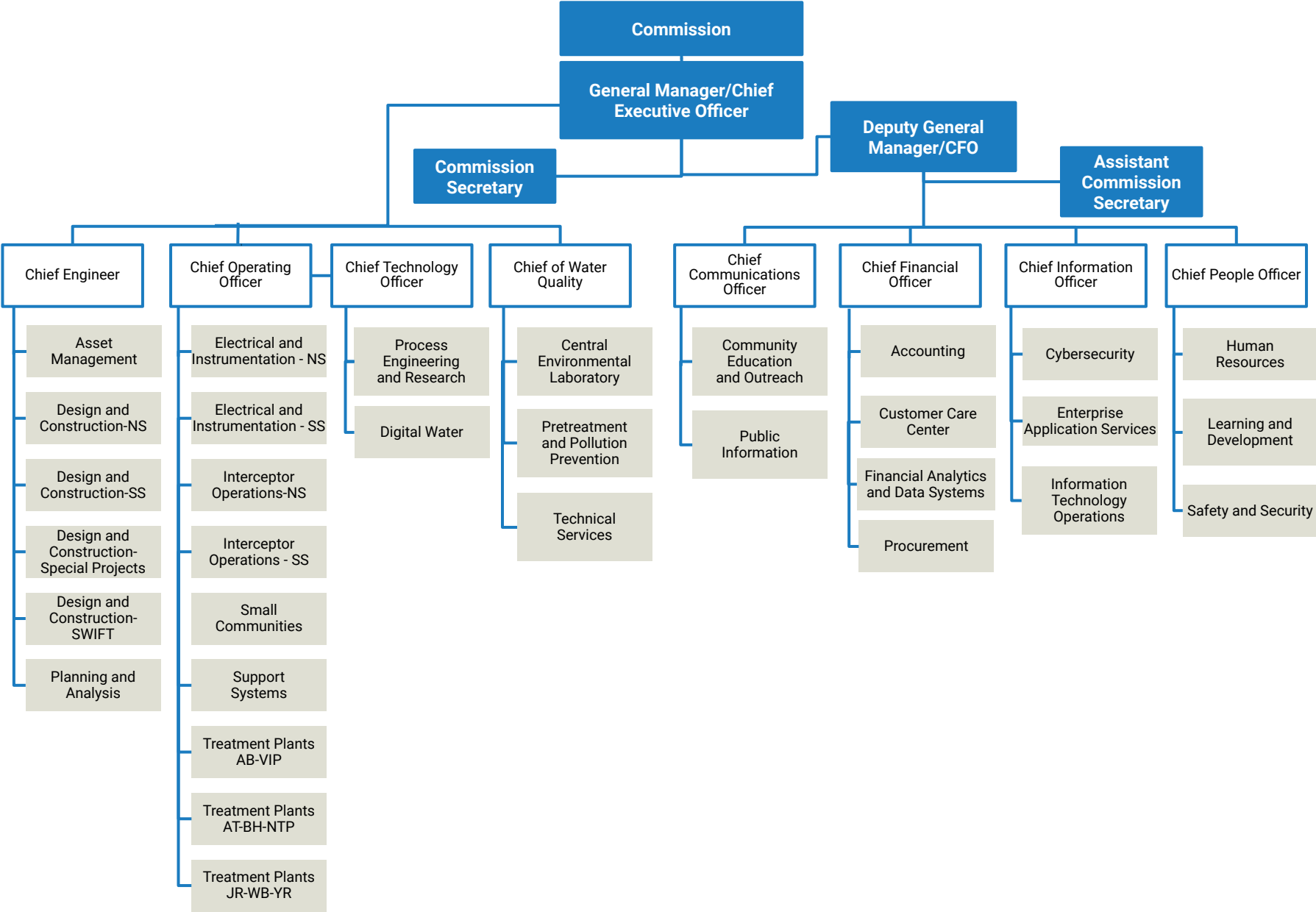
Operating Budget (FY-2025)	\$	467,192,000
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Service Area



Organization Chart

July 1, 2024



History

HRSD can trace its beginnings to 1925 when the Virginia Department of Health condemned a large oyster producing area in Hampton Roads. The closure resulted in the Virginia General Assembly creating in 1927 a “Commission to Investigate and Survey the Seafood Industry of Virginia.” Other studies recommended a public body to construct and operate a sewage system in the area. HRSD was named after Hampton Roads, a ship anchorage used for five centuries located near the convergence of the James, Elizabeth and Nansemond Rivers, before they flow into the Chesapeake Bay in southeastern Virginia.

In 1934, the Virginia General Assembly created the Hampton Roads Sanitation Disposal Commission with instructions to plan the elimination of pollution in Hampton Roads. Recommendations were made to the General Assembly, which resulted in the Sanitary Districts Law of 1938, along with “an Act to provide for and create the Hampton Roads Sanitation District.” This Act required the qualified voters within HRSD to decide in a general election on November 8, 1938, if they favored creation of such a District. This referendum failed to gain a majority by about 500 votes out of nearly 20,000 votes cast. This led to a revision of the Act and another referendum was held on November 5, 1940, which resulted in a majority vote for the creation of the Hampton Roads Sanitation District.

The Enabling Act provides for HRSD to operate as a political subdivision of the Commonwealth of Virginia for the specific purpose of water pollution abatement in Hampton Roads by providing a system of interceptor mains and wastewater treatment plants. Its affairs are controlled by a Commission of eight members appointed by the Governor for four-year terms. Administration is under the direction of a General Manager/Chief Executive Officer, supported by divisional chiefs and their staffs.

HRSD began operations on July 1, 1946, using facilities acquired from the United States Government. The Warwick County Trunk Sewer, HRSD’s first construction project, began on June 26, 1946, and was funded by HRSD’s \$6.5 million Primary Pledge Sewer Revenue Bonds, dated March 1, 1946. The first treatment plant, the Army Base Plant, began operation on October 14, 1947. Since that time, the facilities of HRSD have grown to provide sanitary sewer service to all major population centers in southeastern Virginia. The population served has increased from nearly 288,000 in 1940 to about 1.9 million in 2024.

Throughout its rich history HRSD has earned many of its industry’s most prestigious awards. This tradition continued as HRSD received the Water Resources Utility of the Future Today award from the Water Environment Federation as well as the Virginia Municipal League Innovation Award with locality partner, York County, for the first full-scale deammonification plant in the world and HRSD’s patented Partial Denitrification Anammox (PdNA) process at York Treatment Plant.

Additional awards and honors received during the year ended June 30, 2024 include the 2024 National Association of Clean Water Agencies National Environmental Achievement Award in the Public Information and Education Video Category for its “National Infrastructure Week: James River Treatment Plant SWIFT Improvements” video. The HRSD Finance Division also earned the George F. Ames PISCES award in the Innovative Finance category from the Environmental Protection Agency (EPA).

Rate Schedules

WASTEWATER TREATMENT RATE SCHEDULE

Service	FY-2025		FY-2024	
Flow (monthly basis)				
Per CCF *	\$	8.28	\$	7.60
Minimum charge (per day)		0.30		0.30
Surcharge, per milligrams/liter per CCF	In Excess of		In Excess of	
Biochemical Oxygen Demand (BOD)	297 mg/L	\$ 0.000182	297 mg/L	\$ 0.000185
Total Suspended Solids (TSS)	282 mg/L	0.000613	282 mg/L	0.000612
Total Phosphorus (TP)	7 mg/L	0.009169	7 mg/L	0.009258
Total Kjeldahl Nitrogen (TKN)	57 mg/L	0.002868	57 mg/L	0.002784
Surcharge, per 100 pounds				
Biochemical Oxygen Demand (BOD)	297 mg/L	\$ 2.91	297 mg/L	\$ 2.96
Total Suspended Solids (TSS)	282 mg/L	9.82	282 mg/L	9.80
Total Phosphorus (TP)	7 mg/L	146.87	7 mg/L	148.30
Total Kjeldahl Nitrogen (TKN)	57 mg/L	45.94	57 mg/L	44.59
Nutrient Credits				
Asset Charge (\$/pound/year)				
Total Suspended Solids (TSS)	\$	8.69	\$	8.39
Total Phosphorus (TP)		60.30		58.55
Total Nitrogen (TN)		13.91		13.49
Operational Charge (\$/pound)				
Total Suspended Solids (TSS)	\$	0.1241	\$	0.1274
Total Phosphorus (TP)		1.1284		1.0226
Total Nitrogen (TN)		0.2893		0.2897
Other Approved Hauled Wastes (per gallon)	\$	0.1812	\$	0.1812
Fats, Oils, and Grease (FOG) (per gallon)		0.3658		0.3517
Town Wholesale Treatment (per 1000 gallons)		3.55		3.55
Residential flat rate (per day)	\$	2.17	\$	2.00

* CCF = 100 Cubic Feet (approximately 748 gallons)

VOLUME BASED FACILITY RATE SCHEDULE

Meter Size	FY-2025		FY-2024	
5/8 Inch	\$	2,430	\$	2,420
3/4 Inch		4,210		4,210
1 Inch		7,410		7,410
1 ½ Inch		18,395		18,395
2 Inch		35,825		35,825
3 Inch		91,665		91,665
4 Inch		178,485		178,485
6 Inch		456,620		456,620
8 Inch		889,185		889,185
10 Inch		1,491,070		1,491,070
12 Inch		2,274,730		2,274,730
14 Inch		3,251,050		3,251,050
16 Inch		4,429,645		4,429,645

SMALL COMMUNITIES RATE SCHEDULE

Flow (monthly basis per 1,000 gallons)	FY-2025	FY-2024
Small Communities (except for King William)	\$ 17.41	\$ 16.08
King William	17.61	16.31
Residential flat rate (per day)		
Small Communities Treatment and Collections (except for King William)	\$ 2.39	\$ 2.21
King William	2.42	2.24
Small Communities Treatment Only	2.17	2.00
Unmetered Accounts	2.17	2.00
Minimum charge - metered accounts (per day)	0.30	0.30

FEES

	FY-2025	FY-2024
Damaged meter/antenna (plus cost of meter/antenna)	\$ 250	\$ 250
Damaged lock	100	100
Service restoration	100	100
Meter reading (customer-owned meter)	75	75
Inaccessible meter	50	50
Access card replacement	25	25
Returned payments	25	25
Delinquency service trip	15	15
Account documentation	10	10
Deduction meter	2	2

Reader's Guide to the Annual Budget

PURPOSE

The Annual Budget is an instrument that sets HRSD's budgetary policy and authorization to raise revenues and spend funds each fiscal year. The development of the Annual Budget is guided by HRSD's promise and vision statements:

- Promise: We promise to treat wastewater and recover natural resources to protect public health and the environment.
- Vision: Our communities will have clean waterways and reliable water resources for generations to come.

ANNUAL BUDGET OVERVIEW

HRSD's Annual Budget contains the following sections:

Financial Forecast

This section provides a high level, 20-year forecast of projected wastewater treatment rate increases, operating revenues and expenses, capital improvements and related funding sources, amounts contributed to and fiscal year-end balances of cash and investment reserves, and selected financial ratios that help to measure the financial health of HRSD. The forecast is an inflationary based model where trends from past fiscal years and proposed operating budgets are used to forecast future operating needs. Transfers to reserves and to the Capital budget are forecast to be in amounts that are not less than parameters established within HRSD's Financial Policy. Debt service is based on different sources of future funding: Virginia Clean Water Revolving Fund, Water Infrastructure Finance and Innovation Act (WIFIA), interim financing and revenue bonds. Interest rates are based on known rates or historical averages.

Operating Budget

The Operating Budget represents the authorization by the HRSD Commission to spend funds directly related to operating and maintaining HRSD's programs and assets during the fiscal year. This section includes each division's annual operating budgets. Those expenses that are not attributable to a specific division are assigned to "General Expenses." Transfers represent authorization to transfer revenues raised from operations to either the Capital Budget or to various reserves established in HRSD's Financial Policy. The Operating Budget Summary provides the budget by division and major object code classification. Division Budgets and General Expenses, Debt Service and Transfers detail budget expenditures by major object code classification. The number of full-time positions authorized for the fiscal year is provided by division..

Capital Budget

The Capital Budget represents a plan of specific, major capital improvements over a period of ten fiscal years. The Capital Budget is not an approval or appropriation of funds for individual projects. There is no authorization or funding for individual projects until the Commission acts on the specific project. The Commission formally authorizes spending for individual projects throughout a fiscal year and generally upon project initiation.

The Summary Schedule details the funding sources for capital improvements as well as planned expenditures.

A formal, detailed, Capital Improvement Program with more specific project information is available at <https://www.hrsd.com/cip>.

HRSD's budget authorizations, capital improvement plans, user rate setting practices and other significant financial practices are guided by HRSD's Financial Policy and Revenue Policy. The Financial Policy and Revenue Policy are available at <http://www.hrsd.com/finance>.

HRSD's Rate Schedule is available at <http://www.hrsd.com/finance>.

BUDGETARY PROCESS

HRSD prepares its Annual Budget under the provisions of its enabling legislation and its Trust Agreement, dated March 1, 2008. In accordance with those provisions, the following process is used to adopt the Annual Budget:

- The process begins in late December with the issuance of the Annual Budget Instructions by the General Manager. Each division completes its Operating Budget by March 1 for the General Manager's review.
- The HRSD Commission appoints a Finance Committee which typically consists of two Commissioners. The committee meets in early April to review the budgets. The Commission reviews these budgets during its April meeting.
- The final Annual Budget, which incorporates the Operating and Capital Budgets, is presented at the May Commission meeting for adoption. The Commission simultaneously adopts the budget and any resulting wastewater rate schedule changes. All rate adjustments must be publically advertised four consecutive weeks before they can take effect.
- The HRSD Commission approves any budget amendments during the fiscal year.

BUDGETARY ACCOUNTING AND CONTROL

HRSD operates in accordance with annual operating and capital budgets prepared on a basis of accounting that is different from generally accepted accounting principles.

The Operating Budget is adopted by division, with budgetary controls exercised administratively by management at the division level. The General Manager is authorized to transfer funds among divisions without further approval by the Commission. Appropriations lapse at the end of the fiscal year. Valid, outstanding encumbrances (those for which performance under a contract is expected in the next year) are re-appropriated without further approval by the Commission and become part of the subsequent year's budget.

The Capital Budget represents a ten-year plan. Funds for the Capital Budget are adopted throughout a fiscal year on a project basis. Transfers among projects require approval by the Commission. Appropriations for these budgets continue until the purpose of the appropriation has been fulfilled.

Glossary of Financial Terms

Adjusted Days Cash on Hand: Days Cash on Hand that excludes accrued debt service, the Risk Reserve, the Renewal and Replacement Reserve, and cash budgeted for the CIP in the next fiscal year.

Appropriation: An authorization granted by the Commission to incur obligations for specific purposes. Appropriations are usually limited to amount, purpose and time.

Basis of Accounting: HRSD's financial statements report the financial position and results of operations of HRSD in accordance with generally accepted accounting principles in the United States of America (GAAP).

Bond Ratings: A grade given to bonds that represents a measure of their credit quality. Private independent rating services such as Standard & Poor's, Moody's and Fitch provide these evaluations of a bond issuer's financial strength, or its the ability to pay a bond's principal and interest in a timely fashion.

Capital Improvement Program (CIP): Ten-year plan for major non-recurring facility, infrastructure, or acquisition expenditures that expand or improve HRSD and/or locality assets. Projects included in the CIP include physical descriptions, implementation schedules, year of expenditure cost and funding source estimates, and an indication of HRSD Commission priorities and community benefits

Centum Cubic Feet (CCF): Typical unit in which industrial-consumption of natural gas or water is measured; each CCF being 100 cubic-feet.

CIP Percent Cash Funded: Percent of each year's capital improvement plan funded with cash through transfers from operations. HRSD's Financial Policy requires that at least 15 percent of each

year's planned capital improvements be funded with cash.

Days Cash on Hand: Measured by current and non-current unrestricted cash and investments, plus any restricted cash and investments, if available for general system purposes, divided by Operating Expenses, divided by 365.

Debt Service: Amount of money necessary to pay principal and interest on bonds outstanding.

Debt Service as a Percent of Revenues: Total revenues divided by total debt service. This ratio measures the debt service burden compared to total revenues.

Risk Management Reserve: HRSD maintains a self-insurance program for some of its risk exposures. HRSD'S Financial Policy requires HRSD to maintain a Risk Management Reserve as of the end of the fiscal year of not less than 25 percent of projected annual self-insured claims costs for known, retained risks.

Total Debt Service (Adjusted): Calculated in accordance with HRSD's Subordinate Trust Agreement, the ratio determined by dividing the Net Revenues by annual debt service. In such calculation, funds spent on Locality Assets may be excluded from the calculation of Net Revenues under the circumstances described within the definitions of Net Revenues and Operating Expenses. Annual debt service will be based on actual principal and interest payments during the year (i.e., not accrual based).

Trust Agreement: The formal agreement between bond holders, acting through a trustee, and HRSD.

Unrestricted Cash: Unrestricted cash and investments at fiscal year-end that are not earmarked for another purpose.



FINANCIAL FORECAST

ANNUAL BUDGET / HAMPTON ROADS SANITATION DISTRICT



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Financial Forecast (in thousands)	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044
Operating Budget Forecast																				
Projected Annual Water Consumption Decline	0.0%	-0.1%	-0.2%	-0.3%	-0.4%	-0.4%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%	-0.6%
Projected Cost Increase, \$/ccf	\$0.68	\$0.75	\$0.81	\$0.54	\$0.57	\$0.60	\$0.64	\$0.67	\$0.71	\$0.75	\$0.57	\$0.60	\$0.62	\$0.64	\$0.67	\$0.70	\$0.72	\$0.75	\$0.78	\$0.81
Projected Wastewater Rate , \$/ccf	\$8.28	\$9.03	\$9.84	\$10.38	\$10.95	\$11.55	\$12.19	\$12.86	\$13.57	\$14.32	\$14.89	\$15.49	\$16.11	\$16.75	\$17.42	\$18.12	\$18.84	\$19.59	\$20.37	\$21.18
Average Monthly Bill	\$45.54	\$49.62	\$53.98	\$56.80	\$59.68	\$62.70	\$65.78	\$68.98	\$72.35	\$75.89	\$78.44	\$81.11	\$83.85	\$86.66	\$89.58	\$92.63	\$95.73	\$98.94	\$102.26	\$105.69
Revenues																				
Operating Revenues	\$ 452,127	\$ 490,832	\$ 532,554	\$ 559,489	\$ 586,991	\$ 615,819	\$ 645,209	\$ 675,761	\$ 707,960	\$ 741,772	\$ 766,104	\$ 791,616	\$ 817,790	\$ 844,610	\$ 872,552	\$ 901,593	\$ 931,226	\$ 961,917	\$ 993,646	\$ 1,026,389
Non-operating Revenues	15,065	13,783	14,416	15,120	15,518	16,195	16,636	17,356	17,709	18,060	18,435	19,333	19,718	20,116	20,527	20,953	21,948	22,385	22,878	23,388
Total Revenues	467,192	504,615	546,971	574,609	602,509	632,014	661,845	693,117	725,668	759,832	784,538	810,950	837,508	864,726	893,080	922,547	953,173	984,303	1,016,524	1,049,777
	YOY Op Rev	8.6%	8.5%	5.1%	4.9%	4.9%	4.8%	4.7%	4.8%	4.8%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%	3.3%
Operating Expenses																				
Personal Services	80,140	88,154	96,088	100,893	105,937	111,234	116,796	122,636	126,315	130,104	134,007	138,027	142,168	146,433	150,826	155,351	160,012	164,812	169,756	174,849
Fringe Benefits	30,765	30,617	32,579	34,152	35,801	37,532	39,349	41,255	42,917	44,651	46,460	48,347	50,317	52,373	54,518	56,758	59,097	61,538	64,088	66,750
Materials And Supplies	26,511	28,632	30,350	32,171	33,779	35,468	37,242	39,104	40,277	41,485	42,730	44,012	45,332	46,692	48,093	49,535	51,021	52,552	54,129	55,753
Transportation	1,240	1,339	1,420	1,505	1,580	1,659	1,742	1,829	1,884	1,941	1,999	2,059	2,121	2,184	2,250	2,317	2,387	2,458	2,532	2,608
Transportation Fuels	1,116	1,205	1,277	1,354	1,422	1,493	1,568	1,646	1,695	1,746	1,799	1,852	1,908	1,965	2,024	2,085	2,148	2,212	2,278	2,347
Utilities	16,512	17,833	18,903	20,037	21,039	22,091	23,196	24,355	25,086	25,839	26,614	27,412	28,235	29,082	29,954	30,853	31,778	32,732	33,714	34,725
Chemical Purchases	16,539	17,862	18,934	20,070	21,074	22,127	23,234	24,396	25,127	25,881	26,658	27,457	28,281	29,130	30,003	30,904	31,831	32,786	33,769	34,782
Contractual Services	38,080	41,126	43,183	45,342	47,609	49,989	52,489	55,113	56,766	58,469	60,224	62,030	63,891	65,808	67,782	69,816	71,910	74,067	76,289	78,578
Consulting Services	2,446	2,568	2,696	2,831	2,973	3,121	3,277	3,441	3,544	3,651	3,760	3,873	3,989	4,109	4,232	4,359	4,490	4,625	4,763	4,906
Miscellaneous Expenses	9,152	9,508	9,879	10,267	10,671	11,092	11,531	11,990	12,350	12,720	13,102	13,495	13,900	14,317	14,746	15,189	15,644	16,114	16,597	17,095
Bond Issuance Cost	300	-	-	-	-	-	-	-	-	-	1,477	-	-	-	-	-	1,548	-	-	-
Capital Assets	1,055	1,087	1,120	1,153	1,188	1,223	1,260	1,298	1,337	1,377	1,418	1,461	1,505	1,550	1,596	1,644	1,694	1,744	1,797	1,851
Other Costs (SWIFT O&M, Plant Consolidation)	-	779	9,623	24,442	27,045	40,162	43,147	56,583	60,442	63,935	66,549	92,704	96,472	100,392	104,471	108,715	133,745	139,164	144,801	150,667
Total Operating Appropriations from Budget	223,857	240,711	266,053	294,217	310,118	337,193	354,830	383,645	397,742	411,799	426,796	462,731	478,118	494,034	510,497	527,526	567,304	584,804	604,514	624,910
	YOY Op Exp	7.5%	10.5%	10.6%	5.4%	8.7%	5.2%	8.1%	3.7%	3.5%	3.6%	8.4%	3.3%	3.3%	3.3%	3.3%	7.5%	3.1%	3.4%	3.4%
Existing Debt Service	79,809	86,841	96,440	98,312	108,065	107,884	108,419	103,647	101,806	100,855	100,413	97,487	97,546	97,307	90,460	90,300	90,347	90,090	90,023	89,839
Projected Debt Service (Clean Water, WIFIA, LOC)	7,891	8,390	10,681	13,303	23,034	29,069	35,759	41,705	47,336	51,820	71,922	66,463	79,343	83,735	87,873	91,459	112,076	107,191	111,127	115,133
Total Debt Service	87,700	95,231	107,121	111,615	131,099	136,953	144,178	145,352	149,141	152,675	172,335	163,950	176,889	181,042	178,332	181,758	202,423	197,281	201,150	204,972
Transfer to Risk Management Reserve	-	113	147	152	156	161	166	171	176	181	187	192	198	204	210	216	223	230	237	244
Transfer to General Reserve (Unrestricted Cash)	-	15,740	25,341	28,164	15,901	27,075	17,638	28,815	14,096	14,058	14,996	35,935	15,388	15,916	16,463	17,029	39,778	17,500	19,710	20,396
Transfer to Capital Improvement Plan (PAYGO)	155,635	152,820	148,308	140,462	145,234	130,632	145,032	135,134	164,514	181,120	170,225	148,142	166,915	173,529	187,577	196,016	143,446	184,488	190,913	199,254
Total Appropriations for Debt Service and Transfers	243,335	263,903	280,918	280,393	292,391	294,821	307,014	309,472	327,927	348,033	357,743	348,219	359,390	370,691	382,583	395,020	385,869	399,499	412,010	424,867
Total Appropriations	\$ 467,192	\$ 504,615	\$ 546,971	\$ 574,609	\$ 602,509	\$ 632,014	\$ 661,845	\$ 693,117	\$ 725,668	\$ 759,832	\$ 784,538	\$ 810,950	\$ 837,508	\$ 864,726	\$ 893,080	\$ 922,547	\$ 953,173	\$ 984,303	\$ 1,016,524	\$ 1,049,777

Capital Improvement Budget Forecast																				
Beginning Capital Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sources of Funds																				
Debt funded (Revenue Bonds and Interim Financing)	-	-	-	-	-	-	-	-	-	-	249,906	-	-	-	-	-	261,916	-	-	-
Va Clean Water Revolving Loan Fund	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
WIFIA	385,693	211,144	277,872	80,000	80,000	80,000	63,414	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Quality Improvement Fund (WQIF) Grants	246,457	234,000	58,393	45,500	68,022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HRSD - Cash	155,635	152,820	148,308	140,462	145,234	130,632	145,032	135,134	164,514	181,120	170,225	148,142	166,915	173,529	187,577	196,016	143,446	184,488	190,913	199,254
Reimbursements	24,831	3,348	1,500	1,500	9,306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Line of Credit (Negative = Paid Off)	(32,616)	(2,311)	(65,073)	77,538	(17,562)	(632)	1,554	74,866	45,486	28,880	(210,131)	71,316	43,085	36,471	22,423	22,067	(195,362)	31,314	33,148	31,926
Total Capital Resources	820,000	639,000	461,000	385,000	325,000	250,000	250,000	250,000	250,000	250,000	250,000	259,458	250,000	250,000	250,000	258,084	250,000	255,803	264,061	271,181
Uses of Funds - Capital Expenditures	820,000	639,000	461,000	385,000	325,000	250,000	250,000	250,000	250,000	250,000	250,000	259,458	250,000	250,000	250,000	258,084	250,000	255,803	264,061	271,181
Ending Capital Resources	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Reserves Balance Forecast																				
Total Unrestricted Cash	\$ 385,407	\$ 398,444	\$ 419,421	\$ 439,891	\$ 460,720	\$ 473,354	\$ 505,558	\$ 524,645	\$ 568,297	\$ 599,142	\$ 603,430	\$ 617,475	\$ 651,834	\$ 674,568	\$ 705,289	\$ 730,974	\$ 718,404	\$ 777,175	\$ 803,547	\$ 832,528
PAYGO (includes beginning balance, if available)	155,635	152,820	148,308	140,462	145,234	130,632	145,032	135,134	164,514	181,120	170,225	148,142	166,915	173,529	187,577	196,016	143,446	184,488	190,913	199,254
Risk Reserve	4,800	4,913	5,060	5,212	5,368	5,529	5,695	5,866	6,042	6,223	6,410	6,602	6,800	7,004	7,214	7,431	7,654	7,883	8,120	8,364
Adjusted Unrestricted Cash	\$ 224,972	\$ 240,711	\$ 266,053	\$ 294,217	\$ 310,118	\$ 337,193	\$ 354,830	\$ 383,645	\$ 397,742	\$ 411,799	\$ 426,796	\$ 462,731	\$ 478,118	\$ 494,034	\$ 510,497	\$ 527,526	\$ 567,304	\$ 584,804	\$ 604,514	\$ 624,910
Daily Cost to Operate	\$ 613	\$ 659	\$ 729	\$ 806	\$ 850	\$ 924	\$ 972	\$ 1,051	\$ 1,090	\$ 1,128	\$ 1,169	\$ 1,268	\$ 1,310	\$ 1,354	\$ 1,399	\$ 1,445	\$ 1,554	\$ 1,602	\$ 1,656	\$ 1,712
Adjusted Days Cash on Hand (excludes PAYGO and Risk)	367 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days	365 days

Financial Ratios Forecast																				
Total Debt Service Coverage (Adjusted)	2.29	2.36	2.16	2.13	2.07	1.98	1.96	1.96	2.03	2.11	1.99	2.04	1.95	1.97	2.06	2.09	1.83	1.95	1.97	1.99
CIP % Cash Funded (current year contributions)	19%	24%	32%	36%	45%	52%	58%	54%	66%	72%	68%	57%	67%	69%	75%	76%	57%	72%	72%	73%
Debt Service as a % of Total Revenues	19%	19%	20%	19%	22%	22%	22%	21%	21%	20%	22%	20%	21%	21%	20%	20%	21%	20%	20%	20%



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OPERATING BUDGET

ANNUAL BUDGET / HAMPTON ROADS SANITATION DISTRICT



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Operating Budget

	FY-2025	Adopted FY-2024	Increase/ (Decrease)	Percent Change
Operating Revenues				
Wastewater Treatment Charges	\$ 450,655,000	\$ 414,801,000	\$ 35,854,000	8.6%
Miscellaneous	1,472,000	1,320,000	152,000	11.5%
Total-Operating Revenue	452,127,000	416,121,000	36,006,000	8.7%
Non-Operating Revenues				
Wastewater Facility Charges	6,170,000	6,095,000	75,000	1.2%
Investment Earnings	7,300,000	3,000,000	4,300,000	143.3%
Build America Bond Subsidy	-	1,954,000	(1,954,000)	(100.0%)
Other	1,595,000	1,320,000	275,000	20.8%
Total Non-Operating Revenues	15,065,000	12,369,000	2,696,000	21.8%
Total Revenues	467,192,000	428,490,000	38,702,000	9.0%
Total Revenues and Transfers	\$ 467,192,000	\$ 428,490,000	\$ 38,702,000	9.0%
Operating Appropriations				
General Management	\$ 615,657	\$ 538,146	\$ 77,511	14.4%
Communications	1,181,727	599,962	581,765	97.0%
Finance	18,951,800	17,365,168	1,586,632	9.1%
Information Services	22,299,631	18,642,412	3,657,219	19.6%
Talent Management	3,724,877	3,071,396	653,481	21.3%
Operations	140,778,854	134,935,571	5,843,283	4.3%
Engineering	11,602,046	9,206,395	2,395,651	26.0%
Water Quality	18,837,760	18,299,074	538,686	2.9%
General Expenses	5,864,243	4,204,506	1,659,737	39.5%
Total-Operating Appropriations	223,856,595	206,862,630	16,993,965	8.2%
Appropriations for Debt Service and Transfers				
Debt Service	87,700,000	76,150,000	11,550,000	15.2%
Transfer to CIP	155,635,405	145,217,370	10,418,035	7.2%
Transfer to Risk Management Reserve	-	260,000	(260,000)	(100.0%)
Total Appropriations for Debt Service and Transfers	243,335,405	221,627,370	21,708,035	9.8%
Total Appropriations	\$ 467,192,000	\$ 428,490,000	\$ 38,702,000	9.0%

Operating Budget Summary

	General Management	Communications	Finance	Information Technology	Talent Management	Operations	Engineering
Personal Services	\$ 359,946	\$ 487,955	\$ 8,355,688	\$ 7,901,833	\$ 2,408,933	\$ 44,959,922	\$ 7,608,950
Fringe Benefits	92,711	154,772	3,202,849	2,515,023	843,243	18,306,191	2,549,149
Materials & Supplies	10,000	275,000	88,154	1,352,400	70,000	10,301,960	45,415
Transportation	12,500	16,500	24,500	28,100	27,500	2,173,169	32,836
Utilities	-	-	238,122	1,436,000	-	14,200,218	-
Chemical Purchases	-	-	-	-	-	16,539,326	-
Contractual Services	120,000	214,000	6,767,514	7,530,675	28,000	20,671,553	1,050,200
Major Repairs	-	-	-	1,235,000	-	11,413,008	-
Capital Assets	-	-	-	-	-	1,055,400	-
Miscellaneous Expense	20,500	33,500	274,973	300,600	347,201	1,158,107	315,496
Operating Appropriations	\$ 615,657	\$ 1,181,727	\$ 18,951,800	\$ 22,299,631	\$ 3,724,877	\$ 140,778,854	\$ 11,602,046

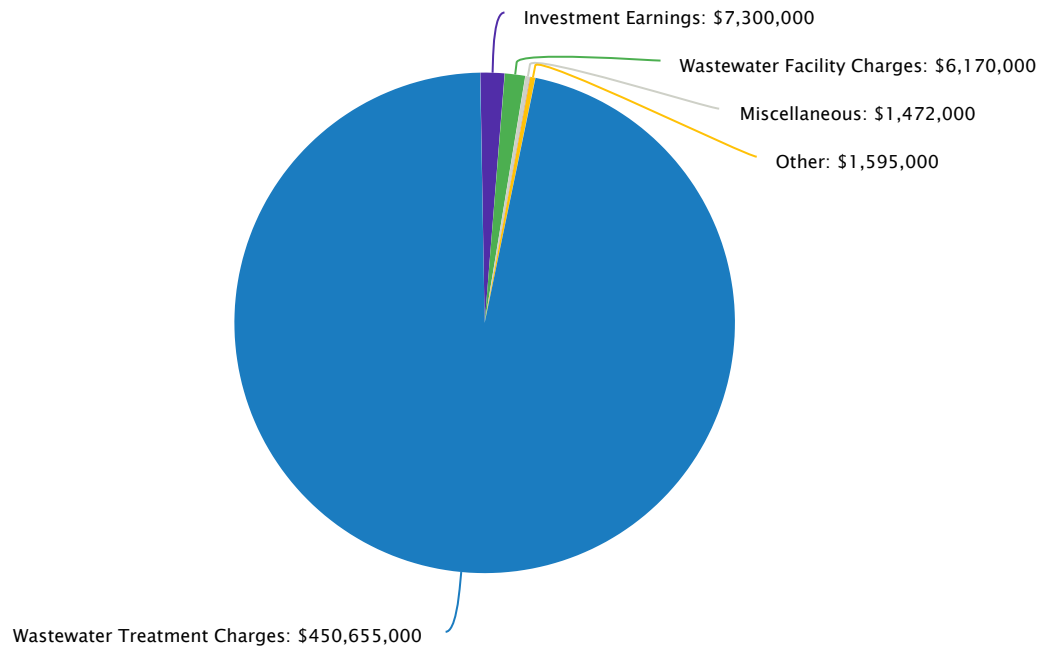
Full-time Positions:							
Current	2	4	105	59	21	537	59
Changes	-	-	4	7	5	19	3
Budgeted	2	4	109	66	26	556	62

Operating Budget Summary

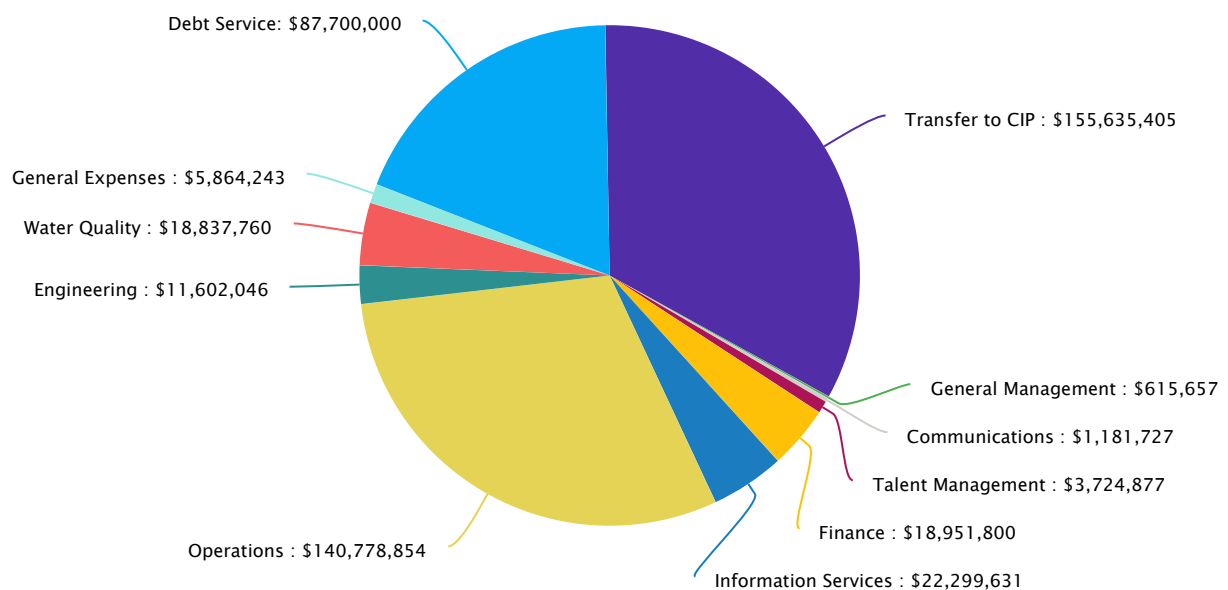
	Water Quality	General Expenses	FY-2025	Percent of Budget	FY-2024	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 10,737,647	\$ (2,680,600)	\$ 80,140,274	17.2%	\$ 70,450,193	\$ 9,690,081	13.8%
Fringe Benefits	4,254,993	(1,153,709)	30,765,222	6.6%	28,485,720	2,279,502	8.0%
Materials & Supplies	1,678,000	22,000	13,842,929	3.0%	14,768,127	(925,198)	(6.3%)
Transportation	40,962	-	2,356,067	0.5%	1,993,014	363,053	18.2%
Utilities	2,808	635,000	16,512,148	3.5%	16,749,019	(236,871)	(1.4%)
Chemical Purchases	-	-	16,539,326	3.5%	17,093,255	(553,929)	(3.2%)
Contractual Services	1,518,000	8,073,980	45,973,922	9.8%	42,019,975	3,953,947	9.4%
Major Repairs	20,000	-	12,668,008	2.7%	10,354,024	2,313,984	22.3%
Capital Assets	-	-	1,055,400	0.2%	1,064,500	(9,100)	(0.9%)
Miscellaneous Expense	585,350	967,572	4,003,299	0.9%	3,821,803	181,496	4.7%
Operating Appropriations	\$ 18,837,760	\$ 5,864,243	\$ 223,856,595	47.9%	\$ 206,799,630	\$ 17,056,965	8.2%
Debt Service Costs			87,700,000	18.8%	76,150,000	11,550,000	15.2%
Transfer to CIP			155,635,405	33.3%	145,217,370	10,418,035	7.2%
Transfer to Risk Management			-	-%	260,000	(260,000)	(100.0%)
Appropriations for Debt Service and Transfers			243,335,405	52.1%	221,627,370	21,708,035	9.8%
			\$ 467,192,000	100.0%	\$ 428,490,000	38,765,000	9.0%
Full-time Positions:							
Current	123		910				
Changes	-		38				
Budgeted	123		948				

Operating Budget Charts

Revenues and Transfers In \$467,192,000



Expenses and Transfers Out \$467,192,000



General Management

The General Manager/CEO supervises the Division Leaders and the Commission Secretary. The Commission Secretary provides administrative support to the General Manager/CEO as well as the HRSD Commission.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$359,946	\$373,138	\$(13,192)	(3.5%)
Fringe Benefits	92,711	92,009	702	0.8%
Material & Supplies	10,000	10,000	-	-%
Transportation	12,500	12,500	-	-%
Contractual Services	120,000	20,000	100,000	500.0%
Miscellaneous	20,500	30,500	(10,000)	(32.8%)
Total	\$615,657	\$538,146	\$77,511	14.4%

Positions

	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	2	2	-

GENERAL MANAGEMENT

2 Full time employees

General Management

2 Full time employees

Communications

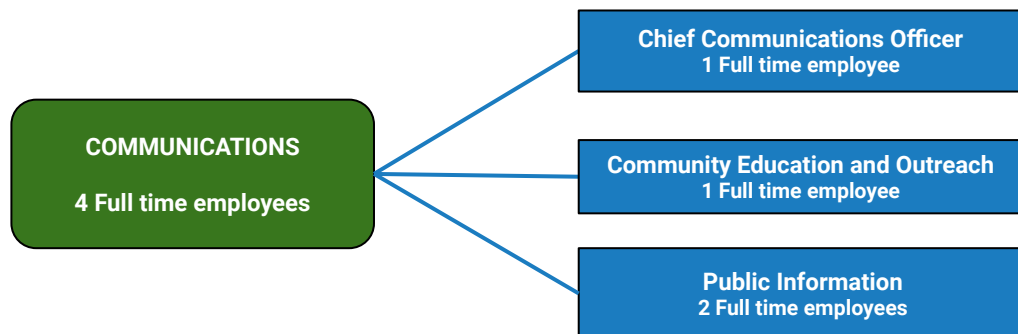
The Communications Division supports HRSD's Promise and Vision through public outreach, community engagement, educational programming and environmental and locality partnerships. The Division manages communications strategy, internal and external communications, media relations and branding through numerous channels and resources - including publications, traditional media, social media and web, graphic design, speaking engagements, interactive classroom activities, tours and special events.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 487,955	\$ 401,623	\$ 86,332	21.5%
Fringe Benefits	154,772	135,039	19,733	14.6%
Material & Supplies	275,000	9,500	265,500	2794.7%
Transportation	16,500	14,500	2,000	13.8%
Contractual Services	214,000	35,500	178,500	502.8%
Miscellaneous	33,500	3,800	29,700	781.6%
Total	\$ 1,181,727	\$ 599,962	\$ 581,765	97.0%

Positions

	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	4	4	-



Finance

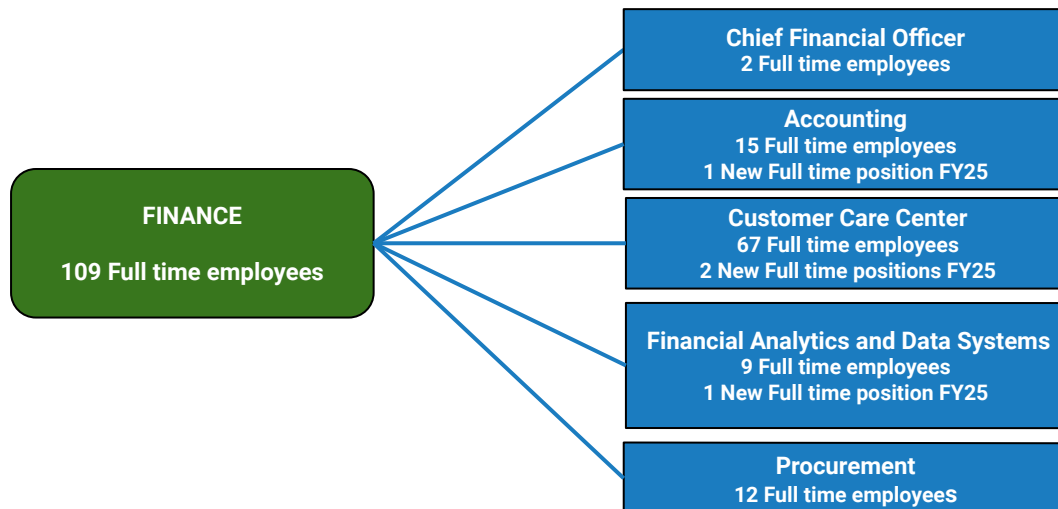
The Finance Division is responsible for HRSD's general financial and business functions, including financial reporting, investment portfolio, debt and risk management and customer billing. The Accounting Department handles fiscal affairs such as preparing statements, budgets, management reports and payroll. The Customer Care Center Department handles billing, payments, collections, maintenance of customer accounts and liaison with HRSD's customers. The Financial Analytics and Data Systems Department is responsible for planning and financing the Capital Improvement Program, debt management and compliance, and is the functional lead for the Enterprise Resource Process system. The Procurement Department is responsible for purchasing, renting, leasing or otherwise acquiring goods, professional and non-professional services, and certain construction services, managing supplier relationships and disposing of surplus property.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 8,355,688	\$ 7,821,681	\$ 534,007	6.8%
Fringe Benefits	3,202,849	3,104,592	98,257	3.2%
Material & Supplies	88,154	102,784	(14,630)	(14.2%)
Transportation	24,500	23,650	850	3.6%
Utilities	238,122	282,000	(43,878)	(15.6%)
Contractual Services	6,767,514	5,722,389	1,045,125	18.3%
Miscellaneous	274,973	308,072	(33,099)	(10.7%)
Total	\$ 18,951,800	\$ 17,365,168	\$ 1,586,632	9.1%

Positions

	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	109	105	4



Information Technology

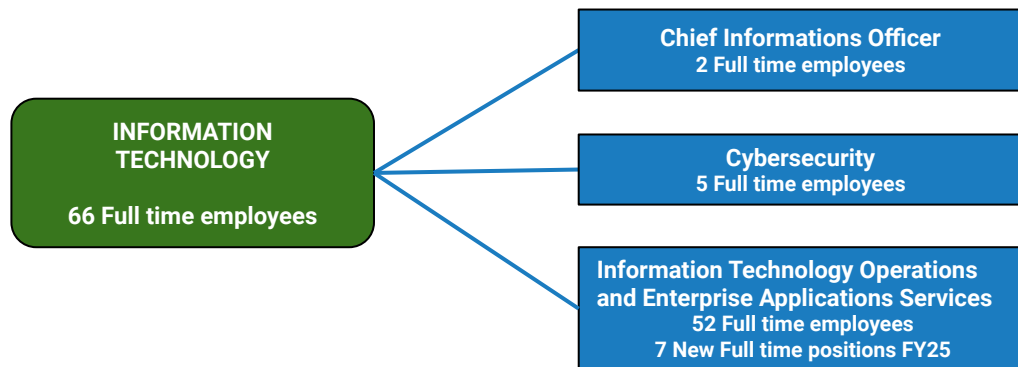
The Information Technology Division is responsible for HRSD's computer systems, communication systems, network systems, cyber security and data management functions. The Information Technology Operations Department assists HRSD Divisions in achieving their missions by ensuring all required hardware, storage and network devices are accessible and available to support all business and operational requirements. The Enterprise Application Services Department is responsible for data management, storage and all software supporting HRSD operations. Cybersecurity Department personnel are responsible for programming industrial controls, automation at HRSD operation facilities, and evaluating and eliminating cyber security threats.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 7,901,833	\$ 6,506,396	\$ 1,395,437	21.4%
Fringe Benefits	2,515,023	2,085,746	429,277	20.6%
Material & Supplies	1,352,400	1,634,800	(282,400)	(17.3%)
Transportation	28,100	22,700	5,400	23.8%
Utilities	1,436,000	1,421,000	15,000	1.1%
Contractual Services	7,530,675	5,785,270	1,745,405	30.2%
Major Repairs	1,235,000	823,000	412,000	50.1%
Miscellaneous	300,600	363,500	(62,900)	(17.3%)
Total	\$ 22,299,631	\$ 18,642,412	\$ 3,657,219	19.6%

Positions

	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	66	59	7



Talent Management

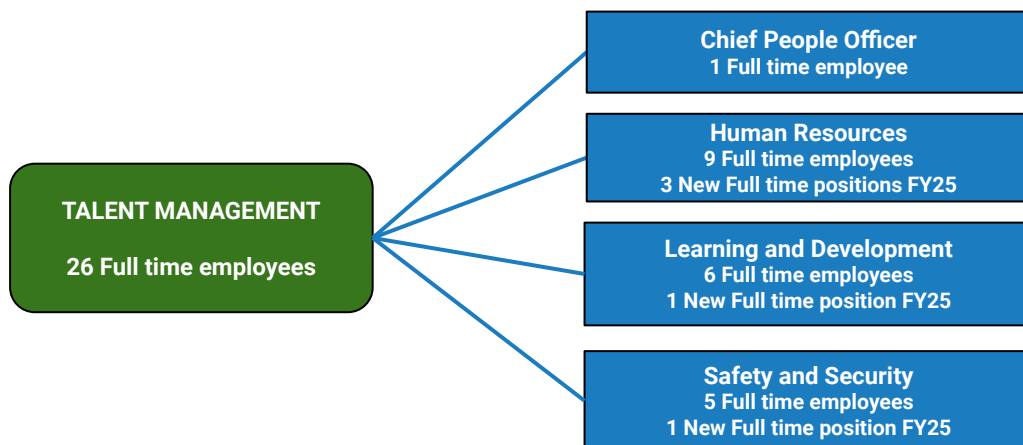
The Talent Management Division attracts, develops, and retains a talented diverse workforce and ensures employee safety. The Human Resources Department is responsible for recruitment and outreach, new employee onboarding, benefits administration, compensation and classification, employee relations, HRSD's wellness program, workers' compensation, employee records, retirement, and HR policies. The Learning & Development (L&D) Department oversees HRSD's Apprenticeship Program and is dedicated to developing and supporting HRSD's strategic plan and key initiatives to promote training, education, and experiential experiences. The Safety and Security Department is responsible for Occupational Safety & Health Compliance, safety programs, employee safety training, safety records, industrial hygiene monitoring, occupational health screening, safety audits, accident investigations, compliance reporting, and risk management support.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 2,408,933	\$ 1,942,297	\$ 466,636	24.0%
Fringe Benefits	843,243	691,649	151,594	21.9%
Material & Supplies	70,000	79,000	(9,000)	(11.4%)
Transportation	27,500	15,000	12,500	83.3%
Contractual Services	28,000	23,500	4,500	19.1%
Miscellaneous	347,201	319,950	27,251	8.5%
Total	\$ 3,724,877	\$ 3,071,396	\$ 653,481	21.3%

Positions

	Adopted FY-2025	Adopted FY-2024	FY25 vs FY24
Total	26	21	5



Operations

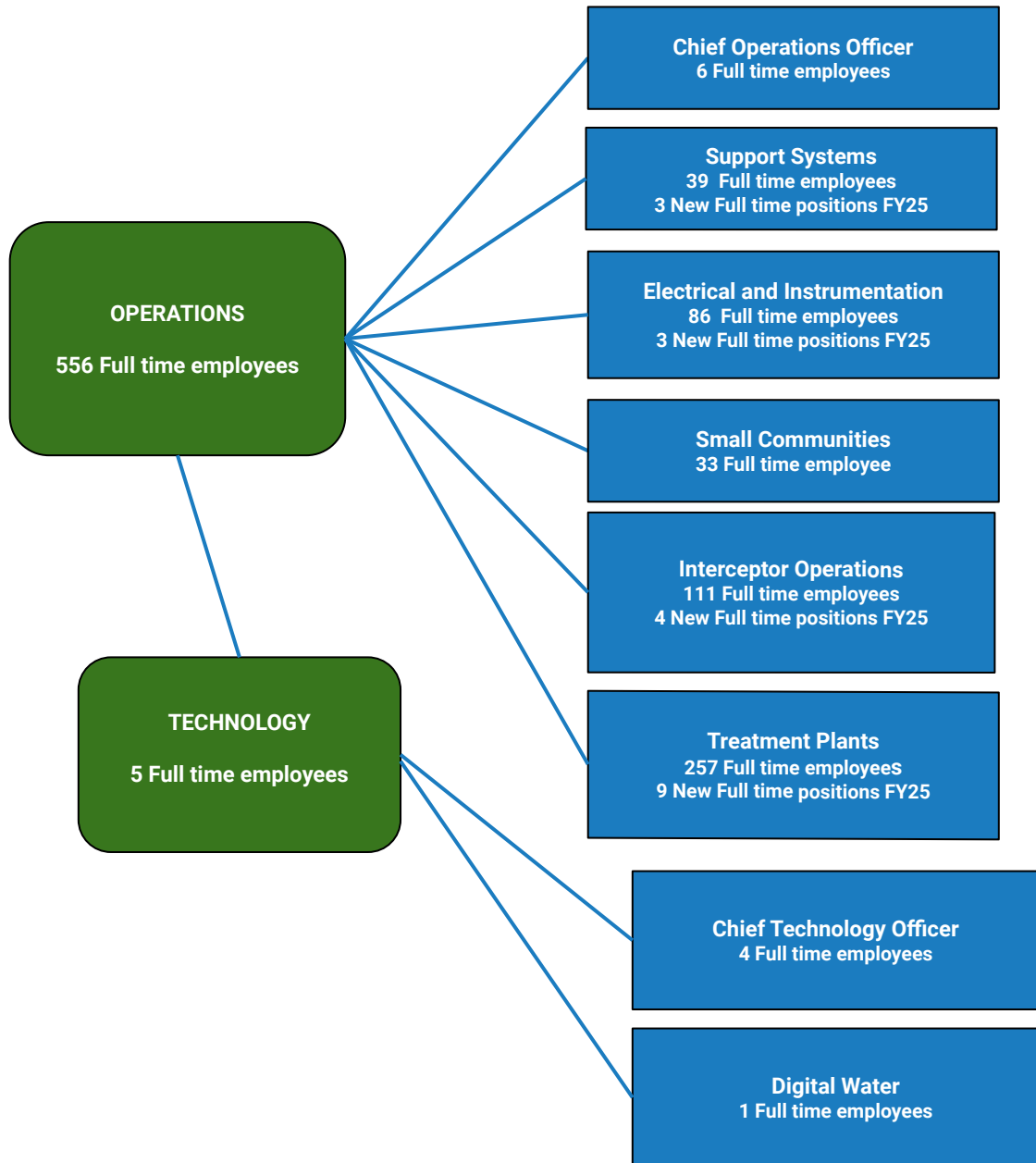
The Operations Division is responsible for operating and maintaining HRSD's treatment plants, pump stations, pipelines, buildings and equipment. HRSD provides wastewater treatment services for over 1.9 million people in 20 cities, counties and towns. The Treatment Plant Departments include 9 wastewater treatment plants in the Hampton Roads service area. Services to small communities that are in the HRSD service area are provided by the Small Communities Department (SCD). The SCD operates four smaller treatment plants and the associated sewer collection systems for four counties on the Middle Peninsula and the Town of West Point. The SCD also includes the operation of two treatment plants and the associated sewer collection systems in the County of Surry. Finally, the SCD operates two treatment plants and the associated sewer collection services for the Towns of Chincoteague and Onancock on the Eastern Shore of Virginia. The Electrical and Instrumentation Department supports the electrical and instrumentation maintenance and construction needs of all HRSD facilities as well as programming industrial controls and automation at HRSD facilities. The Interceptor Departments operate and maintain over 500 miles of interceptor pipelines and over 100 pump stations ensuring wastewater is conveyed to each treatment plant. The Support Systems Department is responsible for the maintenance of the HRSD fleet, all buildings, operation of two carpentry shops, and a full-service machine shop. This Department is also responsible for energy management and research to find innovative, cost-effective ways of managing our energy consumption more effectively. The Technology Division's primary purpose is to research new technologies with a focus on rapid deployment of innovative solutions and water quality. The Digital Water Department creates innovative strategies to help HRSD save on chemical and energy costs; minimize the potential for environmental harm; make smart financial decisions regarding capital improvement and asset management; and streamline and facilitate frontline operations to automate what can and should be automated.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 44,959,922	\$ 42,081,052	\$ 2,878,870	6.8%
Fringe Benefits	18,306,191	16,941,679	1,364,512	8.1%
Material & Supplies	10,301,960	10,964,593	(662,633)	(6.0%)
Transportation	2,173,169	1,837,623	335,546	18.3%
Utilities	14,200,218	14,466,011	(265,793)	(1.8%)
Chemical Purchases	16,539,326	17,093,255	(553,929)	(3.2%)
Contractual Services	20,671,553	19,875,161	796,392	4.0%
Major Repairs	11,413,008	9,487,624	1,925,384	20.3%
Capital Assets	1,055,400	1,064,500	(9,100)	(0.9%)
Miscellaneous	1,158,107	1,124,073	34,034	3.0%
Total	\$ 140,778,854	\$ 134,935,571	\$ 5,843,283	4.3%

Operations (Continued)

	Positions		
	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	556	537	19



Engineering

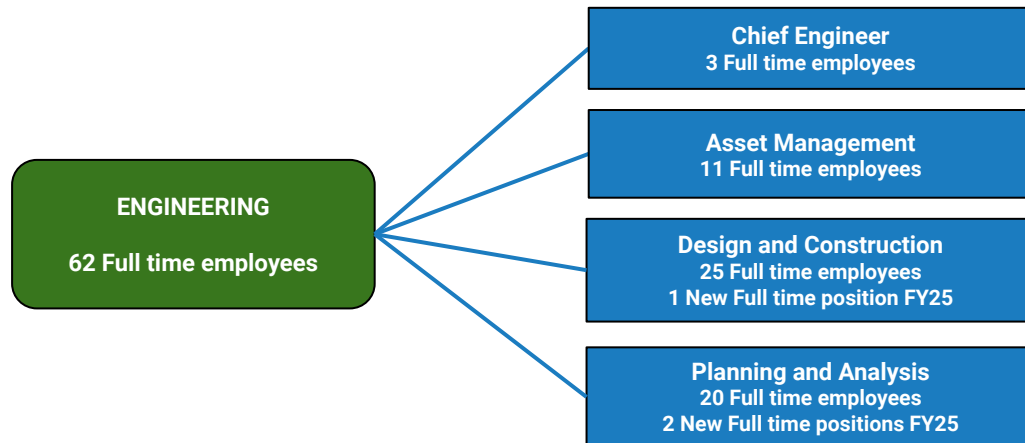
The Engineering Division is responsible for facility planning, design and construction and related support. The Asset Management Department is responsible for the Computerized Maintenance Management System (CMMS), Condition Assessment, and Emergency Management procedures to extend the life of assets at the lowest life cycle cost. The Design and Construction Departments deliver capital projects in a manner consistent with HRSD's quality standards. The Planning and Analysis Department manages numerous diverse functions including Hydraulic Modeling, Geographic Information System (GIS), Data Analysis and Records Management System and plans the capital infrastructure required to meet the region's future wastewater needs. The division is also responsible for all property and land acquisition to meet the needs of HRSD.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 7,608,950	\$ 5,772,963	\$ 1,835,987	31.8%
Fringe Benefits	2,549,149	1,963,395	585,754	29.8%
Material & Supplies	45,415	34,450	10,965	31.8%
Transportation	32,836	26,179	6,657	25.4%
Contractual Services	1,050,200	1,182,000	(131,800)	(11.2%)
Miscellaneous	315,496	227,408	88,088	38.7%
Total	\$ 11,602,046	\$ 9,206,395	\$ 2,395,651	26.0%

Positions

	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	62	59	3



Water Quality

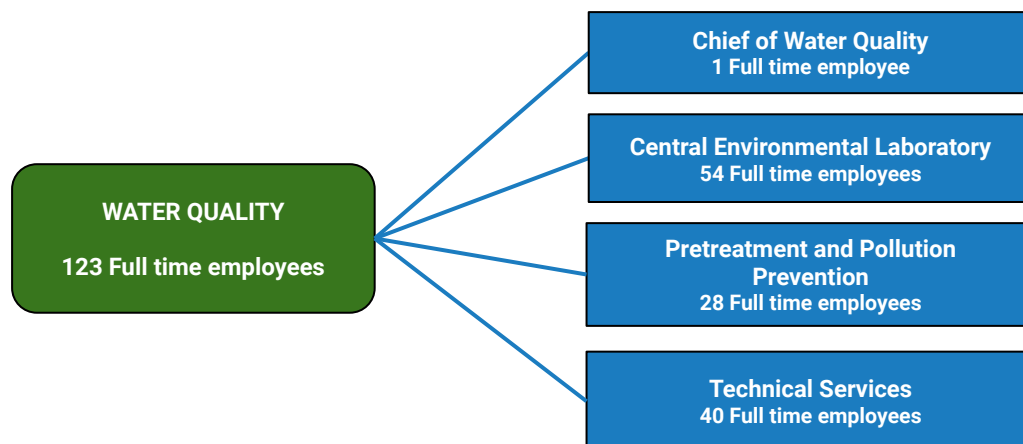
The Water Quality (WQ) Division's mission is to provide quality environmental services to support HRSD and its partners. This division helps ensure compliance with HRSD environmental permits and leads regulatory advocacy through the work of three divisions. The Central Environmental Laboratory (CEL) Department uses the Environmental Data Management System (EDMS) and other tools to provide analytical support for numerous monitoring, research and regulatory purposes. The Pretreatment and Pollution Prevention (P3) Department monitors wastewater conveyed to treatment plants using the Pretreatment Information Management System (PIMS) and other tools, and implements its Industrial Wastewater Discharge Regulations to protect treatment plant staff, facilities and processes. The Technical Services Department (TSD) is responsible for activities including environmental monitoring, specialized sampling, treatment process and research studies, the Municipal Assistance Program (MAP) to assist localities, as well as all reporting required by HRSD permits.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ 10,737,647	\$ 9,789,769	\$ 947,878	9.7%
Fringe Benefits	4,254,993	3,821,385	433,608	11.3%
Material & Supplies	1,678,000	1,907,000	(229,000)	(12.0%)
Transportation	40,962	40,862	100	0.2%
Utilities	2,808	2,808	-	-%
Contractual Services	1,518,000	2,078,000	(560,000)	(26.9%)
Major Repairs	20,000	43,400	(23,400)	(53.9%)
Miscellaneous	585,350	615,850	(30,500)	(5.0%)
Total	\$ 18,837,760	\$ 18,299,074	\$ 538,686	2.9%

Positions

	Adopted FY-2025	Amended FY-2024	FY25 vs FY24
Total	123	123	-



General Expenses, Debt Service and Transfers

General Expenses includes operating expenditures not assigned to any specific HRSD Division. Debt Service includes payments on bonds issued by HRSD, Virginia Clean Water Revolving Loan Fund (VCWRLF), Water Infrastructure Finance and Innovation Act (WIFIA), and Bank of America Line of Credit. Transfers are made to fund the Capital Improvement Program (CIP) and the Risk Management reserve. The costs incurred to issue bonds are included in General Expenses - Miscellaneous.

Expenditure Budget

	FY-2025 Budget	FY-2024 Budget	FY25 vs FY24 Inc/(Dec)	Percent Change
Personal Services	\$ (2,680,600)	\$ (4,238,725)	\$ 1,558,125	36.8%
Fringe Benefits	(1,153,709)	(349,774)	(803,935)	(229.8%)
Material & Supplies	22,000	26,000	(4,000)	(15.4%)
Utilities	635,000	577,200	57,800	10.0%
Contractual Services	8,073,980	7,298,155	775,825	10.6%
Miscellaneous	967,572	891,650	75,922	8.5%
Total General Expenses	\$ 5,864,243	\$ 4,204,506	\$ 1,659,737	39.5%
Publically Sold Bonds - Principal	13,100,000	24,650,000	(11,550,000)	(46.9%)
Publically Sold Bonds - Interest	40,900,000	25,025,000	15,875,000	63.4%
Loans - Principal and Interest	33,700,000	26,475,000	7,225,000	27.3%
Total Debt Service	87,700,000	76,150,000	11,550,000	15.2%
Transfer to CIP	155,635,405	145,217,370	10,418,035	(46.9%)
Transfer to Risk Management	-	260,000	(260,000)	(100.0%)
Total Transfers	155,635,405	145,477,370	10,158,035	7.0%
Total Debt Service and Transfers	\$243,335,405	\$221,627,370	\$ 21,708,035	9.8%

A close-up photograph of a metal faucet with water dripping from it. The water forms a series of droplets falling into a blurred background. The image is used as a background for the document cover.

CAPITAL BUDGET

ANNUAL BUDGET / HAMPTON ROADS SANITATION DISTRICT



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Capital Budget

HRSD prepares a Capital Improvement Program (CIP) each year for the capital projects currently underway or proposed for the future. The first year of the CIP is authorized as the Capital Budget for FY-2025 in the amount of \$820 million.. The remaining years (FY-2026 to FY-2034) include all known projects planned for these years; however, approval of the plan does not authorize the Capital Budgets for those years. Each year's Capital Budget will be approved during the budget process for the specific year.

The ten-year Capital Improvement Program for FY-2025 to FY-2034 highlights the anticipated cost of each project and the fiscal year(s) in which the work is expected to occur. All costs listed in the CIP are stated in current year dollars and total approximately \$4.1 billion.

The bond component of the plan may include one or all of the following:

- Interim or construction financings
- Federally subsidized borrowing programs administered by the Virginia Resource Authority and the Environmental Protection Agency
- HRSD Revenue Bonds or Notes

The grant component represents funds estimated to be received from a federal or state agency for specific projects. Other reimbursements, if any, include amounts paid by other parties who may participate in a project. The following abbreviations are used throughout the CIP budget:

- BH - Boat Harbor Treatment Plant
- CHES - City of Chesapeake
- DEMON - Deammonification
- HII-NNS - Huntington Ingalls Industries - Newport News Shipping
- IFM - Interceptor Force Main
- MAR - Managed Aquifer Recharge
- MHI -Multiple Health Incinerator
- MIFAS - Moving Media Integrated
- FIXED- Film Activated Sludge
- PORTS - City of Portsmouth
- PRS - Pressure Reducing Station
- PS - Pump Station
- SCADA - Supervisory Control and Data Acquisition
- SF - Storage Facility
- SWIFT - Sustainable Water Initiative for Tomorrow
- VDOT - Virginia Department of Transportation
- VIP - Virginia Initiative Plant

Capital Budget

CIP Budget Forecast (in thousands)	FY-2025 to FY-2034	FY-2025	FY-2026	FY-2027	FY-2028	FY-2029
Beginning Capital Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bonds	-	-	-	-	-	-
VCWRLF	400,000	40,000	40,000	40,000	40,000	40,000
WIFIA	1,178,123	385,693	211,144	277,872	80,000	80,000
WQIF	652,372	246,457	234,000	58,393	45,500	68,022
Cash	1,498,891	155,635	152,820	148,308	140,462	145,234
Grants and Other Reimbursements	40,485	24,831	3,348	1,500	1,500	9,306
Transfer from Line of Credit	110,129	(32,616)	(2,312)	(65,073)	77,538	(17,562)
Total Capital Resources	3,880,000	820,000	639,000	461,000	385,000	325,000
Capital Expenditures	3,880,000	820,000	639,000	461,000	385,000	325,000
Ending Capital Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Expenditures (in thousands)	FY-2025 to FY-2034	FY-2025	FY-2026	FY-2027	FY-2028	FY-2029
Administration	\$ 113,041	\$ 21,091	\$ 21,855	\$ 18,558	\$ 7,384	\$ 6,503
Army Base	29,189	10,502	5,378	2,118	6,372	4,789
Atlantic	319,423	39,948	54,423	52,188	55,948	48,714
Boat Harbor	291,100	174,625	49,715	21,751	20,017	1,025
Chesapeake-Elizabeth	24,831	4,922	5,839	6,914	1,849	3,032
Eastern Shore	32,650	17,827	9,054	922	4,846	-
James River	217,302	70,371	56,701	33,956	15,019	14,211
Middle Peninsula	71,620	25,495	24,940	17,072	4,103	10
Nansemond	372,572	208,775	82,338	27,496	19,721	10,073
Surry	6,141	6,071	71	-	-	-
Virginia Initiative Plant	232,027	76,295	63,821	34,644	27,302	9,201
Williamsburg	146,905	9,722	16,813	18,652	21,751	26,122
York River	85,765	28,346	23,644	2,931	3,440	7,322
General	1,629,316	197,314	224,408	248,061	240,026	230,109
Future Improvements	510,351	-	-	-	-	-
Subtotal	4,082,233	891,304	639,000	485,263	427,778	361,111
Program Spend Rate	95%	92%	100%	95%	90%	90%
Total Expenditures	\$ 3,880,000	\$ 820,000	\$ 639,000	\$ 461,000	\$ 385,000	\$ 325,000

Capital Budget

CIP Budget Forecast (in thousands)	FY-2030	FY-2031	FY-2032	FY-2033	FY-2034
Beginning Capital Reserves	\$ -	\$ -	\$ -	\$ -	\$ -
Bonds	-	-	-	-	-
VCWRLF	40,000	40,000	40,000	40,000	40,000
WIFIA	80,000	63,414	-	-	-
WQIF	-	-	-	-	-
Grants and Other Reimbursements	130,632	145,032	135,134	164,514	181,120
Cash	-	-	-	-	-
Transfer from Line of Credit	(632)	1,554	74,866	45,486	28,880
Total Capital Resources	250,000	250,000	250,000	250,000	250,000
Capital Expenditures	250,000	250,000	250,000	250,000	250,000
Ending Capital Reserves	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Expenditures (in thousands)	FY-2030	FY-2031	FY-2032	FY-2033	FY-2034
Administration	\$ 6,814	\$ 7,154	\$ 7,512	\$ 7,888	\$ 8,282
Army Base	30	-	-	-	-
Atlantic	40,563	27,294	115	115	115
Boat Harbor	222	1,431	1,992	7,853	12,471
Chesapeake-Elizabeth	2,274	-	-	-	-
Eastern Shore	-	-	-	-	-
James River	8,400	2,466	16,174	1	1
Middle Peninsula	-	-	-	-	-
Nansemond	9,353	7,898	4,452	1,047	1,424
Surry	-	-	-	-	-
Virginia Initiative Plant	5,001	3,014	2,562	5,076	5,111
Williamsburg	18,035	15,106	9,490	8,185	3,028
York River	17,934	2,148	-	-	-
General	107,991	109,045	103,396	85,914	83,050
Future Improvements	61,161	74,444	104,307	133,921	136,518
Subtotal	277,778	250,000	250,000	250,000	250,000
Program Spend Rate	90%	100%	100%	100%	100%
Total Expenditures	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Administration												
AD012500	Cybersecurity Practice & Procedure Initiative	\$ 7,910	\$ 4,127	\$ 3,783	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AD012600	Central Environmental Laboratory Expansion and Rehabilitation	38,617	12,055	12,672	12,672	1,204	13	-	-	-	-	-
AD012700	Capital Improvement Program Labor Program	61,605	-	5,400	5,886	6,180	6,489	6,814	7,154	7,512	7,888	8,282
AD012730	Capital Improvement Program Internal Labor FY25	4,909	4,909	-	-	-	-	-	-	-	-	-
	Subtotal	113,041	21,091	21,855	18,558	7,384	6,503	6,814	7,154	7,512	7,888	8,282
Army Base												
AB010000	Army Base 24-Inch and 20-Inch Transmission Main Replacements	\$ 12,784	\$ -	\$ -	\$ 1,593	\$ 6,372	\$ 4,789	\$ 30	\$ -	\$ -	\$ -	\$ -
AB010500	Section W Force Main Replacement	2,677	1,600	1,070	8	-	-	-	-	-	-	-
AB011900	Army Base Treatment Plant Administration Building Renovation (2021)	8,131	7,496	635	-	-	-	-	-	-	-	-
AB012100	Army Base Treatment Plant Generator Control Replacement	3,926	1,407	2,001	518	-	-	-	-	-	-	-
AB012200	Army Base Treatment Plant PdNA Process Conversion	1,672	-	1,672	-	-	-	-	-	-	-	-
	Subtotal	29,189	10,502	5,378	2,118	6,372	4,789	30	-	-	-	-
Atlantic												
AT011520	Shipp's Corner Pressure Reducing Station Modifications	\$ 219	\$ 219	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AT011900	Great Bridge Interceptor Extension 16-Inch Replacement	12,538	5,550	6,930	57	-	-	-	-	-	-	-
AT012920	Atlantic Treatment Plant Access Road Extension	11,352	1,300	430	5,865	3,730	28	-	-	-	-	-
AT013000	Washington District Pump Station Area Sanitary Sewer Improvements	3,559	3,525	33	-	-	-	-	-	-	-	-
AT013010	Washington District Pump Station Replacement	17,020	5,076	5,076	5,076	1,746	46	-	-	-	-	-
AT013110	South Norfolk Area Gravity Sewer Improvements, Phase II	6,507	4,593	1,914	-	-	-	-	-	-	-	-
AT013700	Atlantic Trunk Interceptor Force Main Relocation (VDOT Laskin Road Betterment)	229	-	172	57	-	-	-	-	-	-	-
AT014000	Lynnhaven-Great Neck IFM (SF-021) Relocation	2,185	362	1,818	4	-	-	-	-	-	-	-
AT014100	Suffolk Regional Landfill Transmission Force Main	4,000	4,000	-	-	-	-	-	-	-	-	-
AT014301	Chesapeake I-H Reduction Phase II	20,496	1,449	5,317	5,492	5,492	2,746	-	-	-	-	-
AT014303	Chesapeake Pump Station Capacity Improvements (AT-HPP-01C)	1,031	-	-	-	-	-	-	-	-	-	-
AT014304	Chesapeake Gravity Main Capacity Improvements	2,304	-	-	-	11	21	21	21	21	21	21
AT014600	Kempsville Interceptor Force Main Replacement - Phase I	8,621	-	207	557	2,402	3,840	1,615	-	-	-	-
AT015200	Cedar Road Interceptor Force Main Replacement Phase I	6,705	4	171	405	1,920	2,935	1,270	-	-	-	-
AT015300	High Priority Projects Round 2 Project 2	31,967	-	-	-	47	94	94	94	94	94	94
AT015400	Doziers Corner Pump Station Replacement	11,975	1,120	2,881	2,881	2,881	2,173	38	-	-	-	-

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
AT015500	Atlantic Treatment Plant Secondary Clarifier Effluent Weir Replacement and Enhancements	664	664	-	-	-	-	-	-	-	-	-
AT015800	Atlantic Treatment Plant Liquid Side Odor Evaluation and Improvements	1,160	127	212	207	207	207	191	9	-	-	-
AT015900	Atlantic Treatment Plant Gravity Belt Thickener and Pre-Dewatering Polymer Improvements	4,352	195	689	873	873	873	804	46	-	-	-
AT016000	Atlantic Treatment Plant Odor and Solids Improvements 2023	144,843	3,188	21,968	23,362	23,956	24,118	24,267	23,983	-	-	-
AT016100	Atlantic Treatment Plant Solids Curing Facility and Pad Improvements	11,553	685	1,875	2,283	2,283	2,283	2,097	46	-	-	-
AT016300	Cedar Road Interceptor Force Main Replacement Phase II	15,233	-	-	338	667	4,282	6,938	3,008	-	-	-
AT016400	Great Bridge Interceptor Force Main Emergency Replacement (SF-180)	5,294	5,294	-	-	-	-	-	-	-	-	-
AT016500	Atlantic Treatment Plant Digester Improvements	19,656	1,920	3,882	3,513	3,513	3,513	3,228	88	-	-	-
AT016600	Great Bridge Boulevard Interceptor Force Main (SF-164) Segmental Replacement at Oak Bridge-Glenleigh	9,215	622	700	117	6,221	1,555	-	-	-	-	-
AT016700	Providence Road Interceptor Force Main (SF-165) Segmental Replacement at Depositor Lane	1,304	55	149	1,100	-	-	-	-	-	-	-
	Subtotal	319,423	39,948	54,423	52,188	55,948	48,714	40,563	27,294	115	115	115
Boat Harbor												
BH013020	Willard Avenue Pump Station Replacement	\$ 5,703	\$ 5,697	\$ 6	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BH014220	Hampton Trunk Sewer Extension Divisions I and J Relocation Phase II	1,090	1,088	2	-	-	-	-	-	-	-	-
BH014600	46th Street Diversion Sewer Rehabilitation Replacement	147	146	1	-	-	-	-	-	-	-	-
BH014610	46th Street Diversion Sewer Rehabilitation Replacement, HII-NNS	1,931	1,931	-	-	-	-	-	-	-	-	-
BH014900	Hampton Trunk Sewer Extension Division K Gravity Improvements	1,030	1,024	6	-	-	-	-	-	-	-	-
BH015700	Boat Harbor Treatment Plant Pump Station Conversion	110,186	75,220	31,333	3,633	-	-	-	-	-	-	-
BH015710	Boat Harbor Treatment Plant Transmission Force Main Section 1 (Subaqueous)	64,372	63,794	578	-	-	-	-	-	-	-	-
BH015720	Boat Harbor Treatment Plant Transmission Force Main Section 2 (Land)	37,596	24,592	13,004	-	-	-	-	-	-	-	-
BH015730	Boat Harbor Treatment Plant Decommission and Demolition	34,950	603	2,323	15,118	16,906	-	-	-	-	-	-
BH015802	Claremont Pump Station Upgrade (BH-HPP-01B)	13,283	-	-	-	-	-	-	-	-	255	493
BH015803	Chesapeake Avenue Interceptor Improvements (BH-HPP-01C)	17,944	-	-	-	-	-	-	-	-	401	645
BH016100	High Priority Projects Round 2 Project 3	31,408	-	-	-	111	222	222	1,121	1,152	942	5,078
BH016200	Inflow Reduction Program - Phase II	9,795	530	2,462	3,000	3,000	803	-	-	-	-	-

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
BH016300	Bayshore Pump Station Replacement	13,660	-	-	-	-	-	-	310	840	6,255	6,255
	Subtotal	291,100	174,625	49,715	21,751	20,017	1,025	222	1,431	1,992	7,853	12,471
Chesapeake-Elizabeth												
CE011300	Birchwood Trunk 24-Inch and 30-Inch Force Main at Independence Boulevard Replacement Phase II	\$ 1,726	\$ 1,726	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CE011600	Poplar Hall Davis Corner Trunk 24-Inch Gravity Sewer Improvements	2,295	2,033	262	-	-	-	-	-	-	-	-
CE011810	Chesapeake-Elizabeth Treatment Plant Decommissioning	12,391	481	5,458	6,453	-	-	-	-	-	-	-
CE011841	Oceana Off-line Storage Facility Land Acquisition	532	532	-	-	-	-	-	-	-	-	-
CE011850	Atlantic Service Area Automated Diversion Facilities Phase I	150	150	-	-	-	-	-	-	-	-	-
CE012100	Witchduck Road Interceptor Force Main Improvements	7,736	-	119	462	1,849	3,032	2,274	-	-	-	-
	Subtotal	24,831	4,922	5,839	6,914	1,849	3,032	2,274	-	-	-	-
Eastern Shore												
ES010100	Eastern Shore Infrastructure Improvements - Transmission Force Main Phase I	\$ 9,422	\$ 9,380	\$ 42	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ES010300	Onancock Treatment Plant Administration Building Upgrade	4,515	114	87	184	4,130	-	-	-	-	-	-
ES010400	Northern Accomack Wastewater Conveyance, Treatment, and Disposal Study	173	173	-	-	-	-	-	-	-	-	-
ES010500	Chincoteague Treatment Plant Improvements	6,530	2,412	4,118	-	-	-	-	-	-	-	-
ES010600	Onancock Meter Replacement	2,290	2,290	-	-	-	-	-	-	-	-	-
ES010800	Onancock Treatment Plant Solids Handling Improvements	7,220	2,520	4,678	22	-	-	-	-	-	-	-
ES010900	Riverside Nassawadox Treatment Plant Decommissioning	843	838	5	-	-	-	-	-	-	-	-
ES011000	Onancock Pump Station Improvements	1,658	100	125	717	717	-	-	-	-	-	-
	Subtotal	32,650	17,827	9,054	922	4,846	-	-	-	-	-	-
James River												
JR011730	Jefferson Avenue Interceptor Force Main Replacement Phase III	\$ 3,963	\$ 3,962	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
JR013200	Lucas Creek-Woodhaven Interceptor Force Main Replacement Phase II	500	500	-	-	-	-	-	-	-	-	-
JR013400	James River Treatment Plant Advanced Nutrient Reduction Improvements	122,357	54,546	48,716	19,094	-	-	-	-	-	-	-
JR013401	James River Treatment Plant MIFAS Conversion Emergency	1,072	715	357	-	-	-	-	-	-	-	-
JR013410	James River Treatment Plant Outfall Modifications	891	222	580	89	-	-	-	-	-	-	-
JR013500	Lucas Creek Pump Station Replacement	10,099	8,077	2,021	1	-	-	-	-	-	-	-
JR013610	James River Treatment Plant Automation Improvements Phase I	9	3	3	3	1	-	-	-	-	-	-
JR013700	Newport News I-I Reduction	16,146	796	3,987	4,545	4,545	2,273	-	-	-	-	-

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
JR014000	Center Avenue Force Main Replacement	20,002	-	-	-	-	-	1,381	2,442	16,174	1	1
JR014100	James River Treatment Plant Viewshed Improvements	447	147	66	234	-	-	-	-	-	-	-
JR014200	Kiln Creek Interceptor Force Main Replacement	10,785	851	-	7,447	2,485	1	-	-	-	-	-
JR014300	Morrison Pump Station Replacement	14,239	-	625	1,375	3,446	4,794	3,997	3	-	-	-
JR014400	James River Treatment Plant Primary Clarifier Pipe Rehabilitation	6,339	-	-	336	564	2,815	2,602	22	-	-	-
JR014410	James River Treatment Plant Primary Clarifier Pipes (1 and 2)	550	550	-	-	-	-	-	-	-	-	-
JR014500	James River Treatment Plant Digester and Thickening Building Heating Systems Replacements	9,904	3	343	830	3,978	4,329	420	-	-	-	-
Subtotal		217,302	70,371	56,701	33,956	15,019	14,211	8,400	2,466	16,174	1	1
Middle Peninsula												
MP011700	Middle Peninsula Interceptor Systems Pump Station Control and SCADA Upgrades and Enhancements	\$ 30	\$ 11	\$ 11	\$ 8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MP013300	King William Treatment Plant Improvements Phase II	4,554	4,549	5	-	-	-	-	-	-	-	-
MP013500	Middlesex Collection System-Cooks Corner	1	1	-	-	-	-	-	-	-	-	-
MP013710	Middlesex Interceptor System Program Phase II-Saluda Pump Station	2,964	987	988	988	1	-	-	-	-	-	-
MP013720	Middlesex Interceptor System Program Phase II-Hartfield Pump Station	7,025	2,340	2,342	2,342	2	-	-	-	-	-	-
MP013730	Middlesex Interceptor System Program Phase II-Transmission Force Main	31,159	10,385	10,386	10,387	2	-	-	-	-	-	-
MP013810	Middlesex Interceptor System Program Phase III (Deltaville)	6,159	-	-	2,056	4,093	10	-	-	-	-	-
MP014700	Small Communities Rehabilitation Phase IV	352	350	3	-	-	-	-	-	-	-	-
MP014800	Small Communities Rehabilitation Phase V	695	451	239	4	-	-	-	-	-	-	-
MP015000	Sharon Road Gravity Sewer Improvements	1,071	742	327	2	-	-	-	-	-	-	-
MP015100	West Point Pump Station 4 (Thompson Avenue) Rehabilitation	593	591	2	-	-	-	-	-	-	-	-
MP015300	King William Central Crossing Pump Station Rehabilitation	1,629	1,495	135	-	-	-	-	-	-	-	-
MP015500	Small Communities Rehabilitation Phase VI	3,005	1,592	1,409	4	-	-	-	-	-	-	-
MP015600	West Point Treatment Plant Final Effluent Pump Station Improvements	3,374	574	2,780	20	-	-	-	-	-	-	-
MP015610	West Point Treatment Plant Generator Installation	1,130	517	612	1	-	-	-	-	-	-	-
MP015700	West Point Treatment Plant Secondary Clarifier Improvements	3,175	385	2,780	10	-	-	-	-	-	-	-
MP015800	King William Main Pump Station Improvements	4,480	302	2,922	1,250	5	-	-	-	-	-	-

**FY-2024 to FY-2025
Cash Flow Projections (in thousands)**

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
MP015900	Middle Peninsula Wastewater Master Plan	224	224	-	-	-	-	-	-	-	-	-
	Subtotal	71,620	25,495	24,940	17,072	4,103	10	-	-	-	-	-
Nansemond												
NP010620	Suffolk Pump Station Replacement	\$ 33,808	\$ 11,451	\$ 13,725	\$ 8,633	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NP012400	Western Branch Sewer System Gravity Improvements	8,919	5,022	3,897	-	-	-	-	-	-	-	-
NP013000	Nansemond Treatment Plant Motor Control Center Replacements	1,909	1,637	273	-	-	-	-	-	-	-	-
NP013700	Nansemond Treatment Plant Struvite Recovery Facility Improvements	12,135	11,198	936	-	-	-	-	-	-	-	-
NP013820	Nansemond Treatment Plant Advanced Nutrient Reduction Improvements Phase II	162,496	138,933	23,563	-	-	-	-	-	-	-	-
NP013901	Chesapeake I-I Reduction Phase I	38,427	1,923	9,298	10,882	10,882	5,441	-	-	-	-	-
NP014000	Wilroy Pressure Reducing Station and Off-line Storage Facility	52,747	24,203	26,349	2,196	-	-	-	-	-	-	-
NP014500	Nansemond Treatment Plant Regional Residuals Facility Upgrade	992	992	-	-	-	-	-	-	-	-	-
NP014700	Nansemond Treatment Plant Digester Capacity Upgrades	13,875	11,889	1,986	-	-	-	-	-	-	-	-
NP014800	High Priority Projects Round 2 Project 8	22,781	-	-	-	147	295	295	295	295	1,047	1,424
NP014900	Nansemond Treatment Plant Interceptors Storage Yard	390	357	33	-	-	-	-	-	-	-	-
NP015100	Nansemond Treatment Plant Administration Building Replacement	11,748	35	353	3,869	7,490	-	-	-	-	-	-
NP015400	Nansemond Treatment Plant Solids Drying Feasibility and Site Study	300	-	171	129	-	-	-	-	-	-	-
NP015500	Town of Dendron Discharge Force Main Replacement	1,955	1,019	936	-	-	-	-	-	-	-	-
NP015600	Lawnes Point Treatment Plant, Pump Station, and Force Main Conversion	7,855	-	-	-	-	-	433	3,265	4,158	-	-
NP015700	George Washington Interceptor Force Main Extension Part 2 (SF-140) Segmental Replacement at St. Julian's Creek	617	47	180	390	-	-	-	-	-	-	-
NP015800	North Churchill Interceptor Force Main (SF-206) Segmental Replacement at Swannanoa Drive	902	68	262	571	-	-	-	-	-	-	-
NP015900	Nansemond Treatment Plant Anaerobic Digester Capacity Improvements	19,700	-	375	825	1,200	4,338	8,625	4,338	-	-	-
	Subtotal	372,572	208,775	82,338	27,496	19,721	10,073	9,353	7,898	4,452	1,047	1,424
Surry												
SU010400	Surry Force Main and Pump Station-Dominion Power Extension	\$ 6,141	\$ 6,071	\$ 71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal	6,141	6,071	71	-	-	-	-	-	-	-	-

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Virginia Initiative Plant												
VP010920	Norview Estabrook Division I 18-Inch Force Main Replacement Phase II, Section 2	\$ 2,499	\$ 2,499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VP014010	Ferebee Avenue Pump Station Replacement	13,386	5,373	8,013	-	-	-	-	-	-	-	-
VP014022	Sanitary Sewer Replacement 1950 - Part 2	12,236	6,674	5,562	-	-	-	-	-	-	-	-
VP014700	Ingleside Road Pump Station Replacement	464	464	-	-	-	-	-	-	-	-	-
VP014800	Lee Avenue-Wesley Street Horizontal Valve Replacement	3,131	3,131	-	-	-	-	-	-	-	-	-
VP015320	Larchmont Area Sanitary Sewer Improvements	48,194	16,595	15,684	15,684	115	115	-	-	-	-	-
VP015410	City Park Pump Station (PS 106) Replacement	10,151	4,200	4,200	1,750	-	-	-	-	-	-	-
VP015420	Luxembourg Pump Station (PS 113) Replacement and Ashland Sewer Extension	25,597	10,592	10,592	4,413	-	-	-	-	-	-	-
VP015430	Chesapeake Boulevard Pump Station (PS 105) Replacement and Norfolk Pump Station (PS 57) Rehabilitation	19,083	193	4	4	18,883	-	-	-	-	-	-
VP016500	Norview-Estabrook Division I 12- Inch Force Main Replacement	1,823	1,823	-	-	-	-	-	-	-	-	-
VP016700	Norview-Estabrook Division I 18-Inch Force Main Replacement Phase III	2,094	2,094	-	-	-	-	-	-	-	-	-
VP017120	Central Norfolk Area Gravity Sewer Improvements Phase II	3,839	3,821	18	-	-	-	-	-	-	-	-
VP018000	Park Avenue Pump Station Replacement	5,811	4,981	830	-	-	-	-	-	-	-	-
VP018301	VIP Service Area I-I Reduction Phase I (PORTS)	7,314	1,384	3,360	2,533	38	-	-	-	-	-	-
VP018302	Portsmouth Pump Station Upgrades (VIP-HPP-04B)	12,533	-	-	-	-	-	-	-	-	-	-
VP018303	VIP Service Area I-I Reduction Phase III (PORTS)	8,344	1,544	3,840	2,920	40	-	-	-	-	-	-
VP018304	Camden Avenue Pump Station Upgrades (VIP-HPP-04D)	6,522	-	-	-	-	167	201	176	1,055	1,969	1,969
VP018305	Camden Avenue Gravity Improvements (VIP-HPP-04E)	7,554	-	-	-	-	125	195	198	1,255	2,312	2,312
VP018400	State Street Pressure Reducing Station and Offline Storage (VIP- HPP-05)	22,533	-	-	-	89	178	178	178	178	178	178
VP018500	Elizabeth River Crossing Reliability Improvements	112	111	1	-	-	-	-	-	-	-	-
VP018800	Virginia Initiative Plant Administration Building Renovation	9,588	3,479	3,479	2,629	-	-	-	-	-	-	-
VP019000	Colley Ave Pump Station Pump Replacement	1,576	788	788	-	-	-	-	-	-	-	-
VP019100	Virginia Initiative Plant Incinerator Burner Replacement	368	368	-	-	-	-	-	-	-	-	-
VP019200	Virginia Initiative Plant Motor Control Center Replacements	8,608	4,491	4,117	-	-	-	-	-	-	-	-
VP019300	Norfolk I-I Reduction	11,625	653	2,543	3,372	3,372	1,686	-	-	-	-	-
VP019400	High Priority Projects Round 2 Project 5	17,787	-	-	-	37	74	74	74	74	617	652

**FY-2024 to FY-2025
Cash Flow Projections (in thousands)**

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
VP019700	Plume Street Pump Station Replacement (SS-PS-121)	6,181	250	-	551	1,210	3,337	834	-	-	-	-
VP019800	Virginia Initiative Plant Aeration Tank and Primary Clarifier Gate Replacement	15,312	788	788	788	3,520	3,520	3,520	2,388	-	-	-
Subtotal		232,027	76,295	63,821	34,644	27,302	9,201	5,001	3,014	2,562	5,076	5,111
Williamsburg												
WB012500	Lodge Road Pump Station Upgrades	\$ 1,873	\$ -	\$ -	\$ -	\$ 49	\$ 195	\$ 1,015	\$ 610	\$ 3	\$ -	\$ -
WB013100	Williamsburg Treatment Plant Outfall Flow Control System Repairs	3,927	3,923	4	-	-	-	-	-	-	-	-
WB013200	York County I-I Reduction	31,602	1,581	7,861	8,864	8,864	4,432	-	-	-	-	-
WB013201	Lodge Road Pump Station Extended Wet Well	221	-	9	14	23	51	83	41	-	-	-
WB013202	Williamsburg Crossing Pressure Reducing Station, Force Main and Storage Tank Improvements	19,181	-	-	-	212	423	423	940	1,199	1,199	2,797
WB013400	Williamsburg Treatment Plant Headworks Influent and Effluent Pipe Rehabilitation	3,087	270	1,522	1,295	-	-	-	-	-	-	-
WB013500	Williamsburg Treatment Plant Intermediate Clarifier Wet Weather and Phosphorus Removal System Improvements	10,205	385	721	-	-	-	-	-	-	-	-
WB013600	Williamsburg Treatment Plant Influent Loading Reduction Improvements	32,440	2,025	4,232	5,063	7,040	7,040	7,040	-	-	-	-
WB013700	North Trunk IFM Part A (NF-002) Replacement	1,994	-	-	-	-	-	-	-	-	-	173
WB013800	Williamsburg Treatment Plant Distributed Control System Improvements	4,960	-	-	40	475	4,066	379	-	-	-	-
WB013810	Williamsburg Treatment Plant Distributed Control System Improvements (Gravity Thickener Building)	571	571	-	-	-	-	-	-	-	-	-
WB013900	Williamsburg Treatment Plant Solids Handling Improvements	23,637	8	1,401	2,306	2,169	6,219	6,219	5,270	44	-	-
WB013910	Williamsburg Treatment Plant Emissions Monitoring System	500	500	-	-	-	-	-	-	-	-	-
WB014000	Williamsburg Treatment Plant Systems Coatings Rehabilitation	4,285	458	1,063	1,063	1,063	640	-	-	-	-	-
WB014100	Williamsburg Treatment Plant FOG and Cake Receiving Improvements	31,330	-	-	8	1,857	3,056	2,876	8,244	8,244	6,986	58
Subtotal		146,905	9,722	16,813	18,652	21,751	26,122	18,035	15,106	9,490	8,185	3,028
York River												
YR010300	Foxridge, Woodland Road and Fox Hill Road Gravity Sewer Rehabilitation	\$ 4,025	\$ 4,022	\$ 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
YR010520	Magruder Mercury Interceptor Force Main Replacement - Section B	11,958	2,609	8,625	723	-	-	-	-	-	-	-
YR010530	Magruder Mercury Interceptor Force Main Replacement - Section C	6,913	-	-	-	111	630	6,173	-	-	-	-
YR010900	Tabb Pressure Reducing Station and Offline Storage Facility	29,471	16,826	12,626	19	-	-	-	-	-	-	-

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
YR011900	Bethel-Poquoson Force Main Part III Replacement	338	286	53	-	-	-	-	-	-	-	-
YR013900	York River System Isolation Valve Installation and Replacement	457	457	-	-	-	-	-	-	-	-	-
YR014000	York River Treatment Plant Administration Building Renovation	198	198	-	-	-	-	-	-	-	-	-
YR014200	LaSalle Avenue Boat Harbor to York River Interconnect Force Main	16,815	-	-	-	1,139	4,503	9,572	1,600	-	-	-
YR014300	Bethel-Poquoson Force Main Phase II (Wythe Creek Road) Replacement	515	515	-	-	-	-	-	-	-	-	-
YR014600	Bethel-Poquoson Force Main Part IV Replacement-Wythe Creek Exposed Crossing	708	708	-	-	-	-	-	-	-	-	-
YR014700	Coliseum PRS Off-Line Storage Tank Odor Control Upgrades	435	431	4	-	-	-	-	-	-	-	-
YR014900	York River DEMON Upgrades	430	287	143	-	-	-	-	-	-	-	-
YR015000	York River Treatment Plant Switchgear and Motor Control Center Replacements	13,500	2,007	2,189	2,189	2,189	2,189	2,189	547	-	-	-
Subtotal		85,765	28,346	23,644	2,931	3,440	7,322	17,934	2,148	-	-	-
General												
GN013300	Treatment Plant Grease Handling Facilities	\$ 8	\$ 8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GN014900	North Shore Gravity Sewer Improvements Phase I	1,387	1,387	-	-	-	-	-	-	-	-	-
GN015000	South Shore Gravity Sewer Improvements Phase I	1,305	1,305	-	-	-	-	-	-	-	-	-
GN015300	Interceptor System Valve Improvements Phase I	2,638	2,634	4	-	-	-	-	-	-	-	-
GN015400	South Shore Aerial Crossing Improvements	189	189	-	-	-	-	-	-	-	-	-
GN015800	North Shore Automated Diversion Facilities	785	785	-	-	-	-	-	-	-	-	-
GN016311	Outfall Dispersion Modeling for Full Scale SWIFT	1,021	100	-	-	-	-	229	230	230	232	-
GN016320	Program Management of SWIFT Full Scale Implementation	39,149	6,499	6,499	6,499	3,780	3,743	3,978	2,754	2,765	2,631	-
GN016331	SWIFT Managed Aquifer Recharge Services	129	129	-	-	-	-	-	-	-	-	-
GN016344	James River Land Improvements - Phase I	2,287	2,287	-	-	-	-	-	-	-	-	-
GN016346	Boat Harbor Transmission Force Main Land Acquisition	3,577	3,577	-	-	-	-	-	-	-	-	-
GN016347	James River Land Improvements - Phase II	2,287	426	995	866	-	-	-	-	-	-	-
GN016360	James River SWIFT Facility	141,809	99,081	30,641	12,087	-	-	-	-	-	-	-
GN016362	James River Recharge Wells (Off Site)	15,281	14,796	484	-	-	-	-	-	-	-	-
GN016363	James River Recharge Well Enhancements	305	102	198	5	-	-	-	-	-	-	-
GN016380	Nansemond SWIFT Facility	562,811	33,370	132,799	132,430	132,311	131,901	-	-	-	-	-
GN016381	Nansemond Recharge Wells	67,341	939	13,318	35,367	17,522	195	-	-	-	-	-
GN016382	Nansemond Recharge Wells (Off Site)	55,089	758	10,899	28,848	14,402	182	-	-	-	-	-
GN016383	Nansemond Recharge Well Integration	55,997	467	582	5,824	37,252	11,871	-	-	-	-	-

**FY-2024 to FY-2025
Cash Flow Projections (in thousands)**

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
GN016390	VIP SWIFT Tertiary Preliminary Engineering	5,377	2,116	3,261	-	-	-	-	-	-	-	-
GN016391	VIP SWIFT Tertiary Site Work	32,021	-	-	1,045	23,027	7,949	-	-	-	-	-
GN016392	VIP SWIFT Tertiary Facility	323,886	-	-	8,145	4,328	67,470	83,943	80,000	80,000	-	-
GN016700	Treatment Plant Solids Handling Replacement Phase II	11,068	1,720	5,333	4,006	9	-	-	-	-	-	-
GN017200	Interceptor Systems Pump Station Control and SCADA Upgrades and Enhancements Phase II	2,081	1,921	160	-	-	-	-	-	-	-	-
GN017300	Treatment Plant Dewatering Improvement Program	18,594	-	-	-	-	-	-	-	2,721	5,442	5,442
GN017400	Treatment Plant Dewatering Replacement Phase III	9,101	2,209	4,588	2,304	-	-	-	-	-	-	-
GN017500	Fleet Management Program	6,611	-	1,653	1,653	1,653	1,653	-	-	-	-	-
GN017900	Solids System Improvements for Army Base MHI Offline	1,277	1,277	-	-	-	-	-	-	-	-	-
GN018600	North Shore Galvanic Cathodic Protection Rehabilitation	1,878	1,251	616	11	-	-	-	-	-	-	-
GN018700	South Shore Galvanic Cathodic Protection Rehabilitation Phase I	2,618	668	1,922	28	-	-	-	-	-	-	-
GN018800	South Shore Galvanic Cathodic Protection Rehabilitation Phase II	2,519	1,699	809	11	-	-	-	-	-	-	-
GN018900	Pump Station Motor Control Center Replacements - Phase I	2,531	799	799	799	133	-	-	-	-	-	-
GN019300	Fleet Management (FY24)	2,079	2,079	-	-	-	-	-	-	-	-	-
GN019400	Water Quality Department Instrumentation Equipment Program	5,221	-	755	755	755	755	755	755	692	-	-
GN019600	Interceptor Systems Pump Station Control and SCADA Upgrades and Enhancements Phase III	10,296	1,134	2,130	3,833	3,195	5	-	-	-	-	-
GN019700	Treatment Plant Dewatering Improvement Phase IV	8,646	2,163	4,569	1,912	1	-	-	-	-	-	-
GN019800	Treatment Plant Dewatering Improvement Phase V	3,492	-	-	229	354	2,053	856	-	-	-	-
GN019900	Treatment Plant Dewatering Improvement Phase VI	3,492	-	-	-	-	229	354	2,053	856	-	-
GN020000	Solar Panel Installation Phase I	1,088	-	25	304	304	304	152	-	-	-	-
GN020100	VIP and Army Base Treatment Plant Secondary Clarifier Weir Cover Installation	1,067	914	152	-	-	-	-	-	-	-	-
GN020200	Treatment Plant Fire Suppression System Upgrades	800	800	-	-	-	-	-	-	-	-	-
GN020300	High Priority Inflow and Infiltration Reduction Program	1,032	578	454	-	-	-	-	-	-	-	-
GN020400	Fleet Management (FY25)	4,030	4,030	-	-	-	-	-	-	-	-	-
GN020500	Water Quality Department Instrumentation Equipment (FY25)	1,080	1,080	-	-	-	-	-	-	-	-	-
GN020600	Development Plan 2025	500	239	261	-	-	-	-	-	-	-	-
GN020700	Hypochlorite Generation Facility	19,490	-	-	100	-	800	6,090	12,167	333	-	-
GN020800	North Shore Pump Station Influent Valve Installations	700	698	3	-	-	-	-	-	-	-	-
GN020900	Microbial Source Tracking Identified Locality Repair Program	4,500	-	500	1,000	1,000	1,000	1,000	-	-	-	-
GN020910	Microbial Source Tracking Identified Locality Repairs (FY25)	300	300	-	-	-	-	-	-	-	-	-

FY-2024 to FY-2025
Cash Flow Projections (in thousands)

CIP No	Project Name	Total 2025 to 2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
GN021000	Regional Granular Activated Carbon Reactivation Facility	226,043	-	-	-	-	-	10,635	11,087	15,799	77,608	77,608
GN021100	Biosolids Data Visualization and Management Tool	300	300	-	-	-	-	-	-	-	-	-
GN021200	Conceptual Project Development (FY25)	500	500	-	-	-	-	-	-	-	-	-
Subtotal		1,629,316	197,314	224,408	248,061	240,026	230,109	107,991	109,045	103,396	85,914	83,050
Future Improvements												
IP020000	Infrastructure Risk Reduction Program	510,351	-	-	-	-	-	61,161	74,444	104,307	133,921	136,518
Subtotal		510,351	-	-	-	-	-	61,161	74,444	104,307	133,921	136,518
CIP TOTAL		4,082,233	891,304	639,000	485,263	427,778	361,111	277,778	250,000	250,000	250,000	250,000



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