



ADOPTED BUDGET

FISCAL YEAR 2022-2023







Budget Committee • Fiscal Year 2022-23

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Distinguished Budget Presentation Award

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For the Fiscal Year Beginning

July 01, 2021

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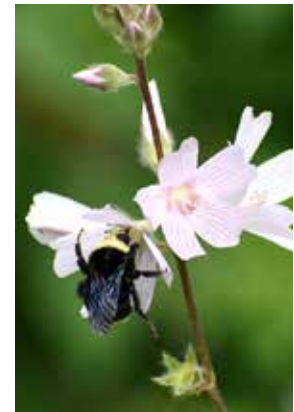
The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation award to Clean Water Services for its annual budget for fiscal year beginning July 1, 2021. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device. The award is valid for one year. We believe our current budget continues to conform to program requirements and we are submitting it to GFOA to determine its eligibility for another award.

Clean Water Services has received both the Distinguished Budget Presentation and the Certificate of Achievement for Excellence in Financial Reporting every year it has applied. This represents 34 years for the budget award and 35 years for the financial report.

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Budget Message & Budget Overview

Chair Kathryn Harrington

Members of the Board of Directors

Members of the Community Budget Committee

Clean Water Services Customers and Partners:

EXECUTIVE SUMMARY

We are pleased to present Clean Water Services' Adopted Budget for Fiscal Year (FY) 2022-23, which was adopted as initially proposed. This Budget Message is presented in accordance with Oregon Revised Statutes (ORS), Chapter 294, and is designed to present an overview that will help readers better understand this budget as a financial planning road map. Comparisons in this Budget Message are budget to budget to the FY 2021-22 Budget unless otherwise noted.

Clean Water Services (CWS) is a world-class regional utility that helps the people and businesses in the region grow and thrive. We anticipate and solve the complex water challenges of a large region and return water to a small, slow, and sensitive river. We're overachievers, because the Tualatin River demands us to be.

This year's \$564 million budget reflects the mission, vision, promise, and values of Clean Water Services. The all funds budget for FY 2022-23 excluding interfund transfers is \$564 million, compared to last year's budget of \$505.3 million. This is an increase of \$58.7 million or 11.6%. The total budget includes operating expenditures, capital investments, debt service, other fund level outlays, contingency, and unappropriated ending working capital and reserves.

Primary budget revenues are rate revenues from sewer and surface water of \$169.9 million and System Development Charges (SDCs) of \$22.3 million. Rate revenues for sanitary sewer and surface water management (SWM) are projected to increase by \$10.6 million or 6.7%, reflecting the effects of a proposed 4% rate increase as well as projected customer growth of 1%. SDC revenues are projected to increase by \$6.7 million or 43%, reflecting the effects of the increased SDC activity in the current year as well as the proposed 8.9% rate increase.

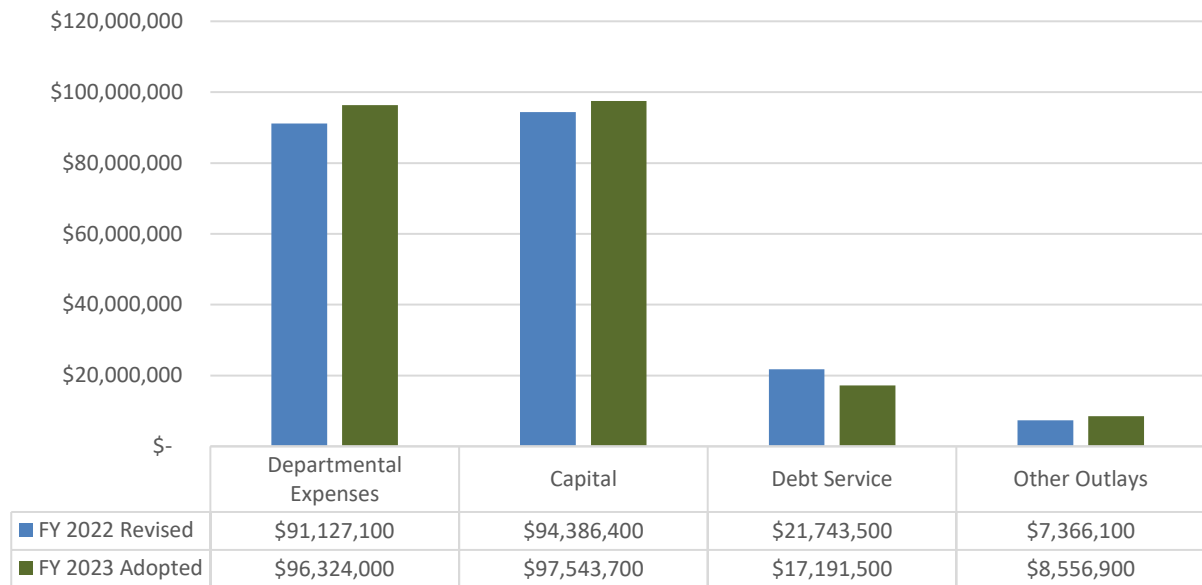
Primary expenditures include \$96.3 million for departmental operating expenses, \$97.5 million for capital projects, \$17.2 million for debt service on outstanding debt obligations, \$8.5 million for other fund outlays, and \$39.6 million for contingencies. Total expenditures for FY 2022-23 increased by \$5 million compared to the prior year, or 2.3%. The debt service is reduced by \$4.5 million or 20.9% due to the savings found in refunding the Series 2011B in 2021 as well as making the final debt service payment on the Series 2011A in FY 2021-22.

Total departmental operating expenditures are increasing by 5.7% overall. Labor costs are budgeted to increase by \$2 million or 3.5%. This increase is primarily the result of costs from adding 13 new full-time equivalent positions during FY 2022-23; three are conversions of temporary positions where the workload has proven sustained and long-term. These additional positions will enable CWS to continue its excellence in operations and maintenance, handle capital project workload driven by growth in the region, and meet stringent regulatory requirements. Materials and services are budgeted to increase by \$3.2 million or 9.5% primarily due to increasing software costs. In addition, a number of projects were moved from implementation in the capital budget to maintenance in the operating budget.

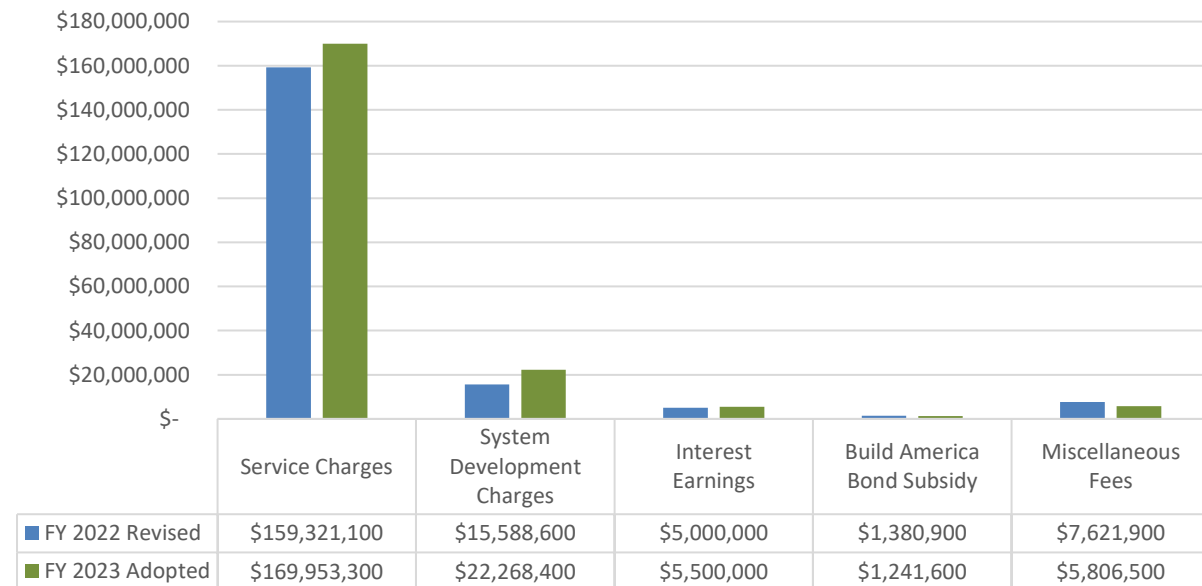
The Capital Improvement Program (CIP) is \$97.5 million this year, a 3.3% increase. Impact from the current high inflation rate is uncertain and will be managed using our just-in-time project delivery approach to monitor, prioritize, and sequence projects throughout the year.

Other fund level outlays are budgeted to increase by \$1.2 million, or 16.2%, due to an anticipated increase in uncollectible utility billing as bad debt based on current trends, equipment replacement, and midyear personnel adjustments.

EXPENDITURE COMPARISONS ▼ FY 2022-23 Compared to FY 2021-22



REVENUE COMPARISONS ▼ FY 2022-23 Compared to FY 2021-22



Delivering Value to Customers

Clean Water Services is in an era of transformation. We have aligned our people, our processes, and our programs to more effectively deliver on key strategic outcomes and respond to future challenges and opportunities. We've established our foundation; over the next three years we'll work to build and strengthen our resilience for the important work we need to do.

CWS faces a number of challenges — replacing aging

infrastructure, population growth, increasingly stringent regulatory requirements, water resource limitations, climate change impacts, maintaining a sustainable rate structure, growing our workforce and managing our culture equitably, and a competitive job market. We're meeting these challenges head on.

In FY 2021-22 we created a new senior leadership position, a Chief Strategy Officer, and created a Strategist team whose members can identify, evaluate, and recommend new or updated processes and procedures in areas that require policy change or action across the organization that advance our Strategic Approach. It is the Strategic Approach that defines the philosophy of CWS, identifies our key strategic outcomes and roadmaps, and lays the groundwork for how we address the historic challenges we face today and in the next 20 years.

We also created the Culture, Equity & Learning program to create and manage strategies that make CWS a place where every employee can learn, grow, and thrive, and to provide, positive equity benefits to our region. We are investing in our people, and one of the initiatives that staff in this group will oversee is equity, diversity, and inclusion learning for our workforce as well as peer-to-peer learning



where more experienced employees share knowledge with staff who are new to the workforce or the organization.

To help address the challenges of population growth, increasing regulatory requirements, and aging infrastructure, we developed an East Basin Master Plan, a comprehensive examination of the 20-year infrastructure needs of the Durham Water Resource Recovery Facility and the collection system that serves more than 200,000 residents of Sherwood, Tigard, Tualatin, King City, Durham, Metzger, and portions of Beaverton, Portland, and Lake Oswego. The plan includes recommendations to prepare for challenges such as climate adaptation and seismic resilience, while planning for necessary improvements to the East Basin collection and treatment systems assets. We have started a similar assessment for the West Basin and expect to complete it in 2024.

Staff from Regional Utility Services (RUSD), which was created in FY 2021-22 and manages regional governmental relationships and agreements, met with representatives from Washington County and affected cities to share the East Basin Master Plan. They presented information including regulatory and climate change forecasts, resilience and operational recommendations, development and growth forecasts, and recommended conveyance and facility capital improvements. RUSD staff also initiated conversations with our partner cities to develop new intergovernmental agreements that set the framework for how we work together.

We work hard to build and maintain strong relationships with our city, community, and regional partners. The RUSD team is leading this work and helping create the kind of positive economic and environmental impact that the region needs and expects from Clean Water Services.

We are accountable to those who are struggling economically and we are committed to equity in providing services. We strive to keep our rates stable and to spend money wisely, but it's imperative that we maintain adequate funding for operating, maintenance, and capital investment needs in the future. We're conducting a comprehensive financial review and cost of service study so we can develop a strategy for adjusting the sanitary sewer and surface water management rates and System Development Charges. This is a collaborative effort where we engage our stakeholders throughout the course of the study for input on the direction of our work and outcomes.

Clean Water Services is focused on updating the Scoggins Dam to better withstand a major earthquake by supporting the federal Bureau of Reclamation's Safety of Dams program. Clean Water

Services will no longer pursue options to increase the water storage capacity of Hagg Lake. After a technical feasibility study for three dam options was completed in 2020, we found that the cost estimates were too high for our ratepayers. Instead, CWS has identified new ways to meet future temperature and flow needs in the Tualatin River.

We worked for many years to find a solution that would result in seismic safety as well as increased water supply — an issue that has come under increased scrutiny given the realities of climate change — through raising Scoggins Dam or building a new dam downstream. New modeling shows we can meet our DEQ permit requirements and support river health more efficiently and affordably by expanding water reuse, increasing the Tree for All riparian shade program, optimizing water management, and other mechanical technologies.

Thanks to new funding from the Bipartisan Infrastructure Law, which includes increased dam safety funding, there is a unique opportunity to modify Scoggins Dam now. We support the decision to make seismic updates as soon as possible. This strategy will protect the public and secure our region's primary water supply, while cost-effectively meeting water quality needs to support a growing region. We will remain closely involved with the project.

The Pandemic

The Clean Water Services team has shown remarkable dedication since the COVID-19 pandemic emerged in 2020. The threat to public health and the resulting economic impact of the pandemic challenged us all — the families in our community, large and small businesses, and local and state governments.

Our 429 employees found ways to work together while staying apart, but we never stopped delivering the round-the-clock, essential services that our community depends on. Our team:

- Delivered reliable and efficient essential services by agilely and innovatively shifting the way we perform our work.
- Extended economic relief to our customers.
- Distributed PPE to local people in need.
- Led wastewater-based epidemiology research to track community spread of COVID-19 by analyzing weekly composite samples at each of the CWS water resource recovery facilities providing data to county and state public health officials.

- Established procedures to implement emergency procurements during events such as severe weather, labor shortages, and manufacturing and transportation disruptions.
- Completed critical infrastructure projects.
- Conducted ecological enhancement at the watershed scale.



The pandemic is not over, but there is no going back to “before.” Throughout the pandemic, staff worked remotely as much as appropriate, taking advantage of virtual resources to conduct business. We are now piloting a telecommuting policy, which is subject to the business needs of our organization, for staff who are eligible.

We will continue to encourage employees to take commonsense precautions to protect themselves and their families from serious illness by getting vaccinated, practicing good hand sanitation, monitoring themselves for COVID-19 symptoms, and staying home if they are sick so they can heal and protect others. We will continue to provide masks to employees who choose to wear them.

We will continue to serve as the fiscal manager for all city and regional water utilities in Washington County for the distribution of American Rescue Plan Act funds to assist utility customers with pandemic-related outstanding balances.

As we have learned, the virus sets the schedule and it is critical that we remain alert and adaptable. We won’t be caught off guard. Should we experience a surge in cases at our workplace or public health conditions warrant, we may return to mask requirements or other strategies that protect employee health and safety.

What won’t change, of course, is our commitment to protecting the health of employees and the public. Ensuring our water is safe and clean requires vigilance, and our vigilance to serve our community is unwavering.

407

Emergency Go Kits delivered

Priorities

The FY 2022-23 budget supports our dedication to public health, the environment, our employees, and our infrastructure assets by:

- Continuing to prioritize and sequence capital investments.
- Managing inflation, pricing, and economic factors.
- Investing in talented people to join our accomplished staff.
We will continue to prioritize and sequence hiring for current vacancies and new positions.
- Addressing equity in our organization.

FINANCIAL MANAGEMENT

Financial Management Excellence Recognized

Clean Water Services continues to earn honors for excellence in financial reporting and budget presentation, as evidenced by awards for Achievement of Excellence in Financial Reporting and for Distinguished Budget Presentation in the most recent reporting periods from the Government Finance Officers Association of the United States and Canada.

Strategies to Keep CWS On Track Financially

The FY 2022-23 budget has been prepared in accordance with the tenets of financial strategic direction established by the Clean Water Services Board of Directors (Board). These are as follows (see page 93 for more detail):

- Keep rate increases reasonable and predictable.
- Maintain adequate capacity to issue debt.
- Establish and maintain appropriate financial reserves.
- Adopt sound financial policies.

Utility Rates

In accordance with Board direction, reasonable and predictable rate increases are vital to the long-term financial health of Clean Water Services. They provide strong assurance that the organization is well positioned to meet future needs equipped with the strongest bond credit ratings and financial flexibility possible.

Rates support CWS' work to protect water resources and meet the changing needs of the community. We do this by making additional investments in aging infrastructure, ensuring our long-term water supply security, and meeting increasingly stringent federal and state

water pollution control needs.

CWS sets the regional sanitary sewer and surface water management utility rates, which are charged to all customers. CWS also sets local sanitary sewer and surface water management rates, which are charged to residents of unincorporated Washington County and the cities of Banks, North Plains, Gaston, King City, and Durham. The seven large cities in our service area — Beaverton, Cornelius, Forest Grove, Hillsboro, Sherwood, Tigard, and Tualatin — set their own city rates to deliver local services and meet local needs. More detail about regional and local services is available starting on page 28.

CWS is implementing the following utility rate increases in FY 2022-23:

- **Increase the regional sanitary sewer rate by 4%**
The regional rate is charged to CWS customers to support the operations, maintenance, and investments in the pipes, pumps, and advanced facilities that collect and clean 66 million gallons a day of wastewater to some the highest standards in the nation before returning it to the Tualatin River.
- **Increase the local sanitary sewer rate by 4%**
The local rate is charged to CWS customers in Banks, North Plains, Gaston, King City, Durham, and unincorporated Washington County. The local rate supports operation and maintenance of the local collection system and 24-hour emergency response.
- **Increase the regional SWM fees 4%**
The regional rate is charged to all CWS customers and supports watershed restoration, constructing, and maintaining regional stormwater facilities.
- **Increase the local SWM fee by 4%**
The local rate is charged to CWS customers in Banks, North Plains, Gaston, King City, Durham, and unincorporated Washington County for services such as sweeping streets and maintaining water quality facilities.
- To help fund capital investments at Clean Water Services, **increase sanitary SDCs 8.9%** from \$6,085 to \$6,625 per Equivalent Dwelling Unit. **SWM SDCs would increase 9.5%** from \$585 to \$641 per Equivalent Service Unit. An SDC is a one-time assessment charged when customers connect to the CWS system. It's set for the entire CWS service area.

The sanitary sewer and SWM rate increases will add an estimated

24 billion

Gallons of water
cleaned per year

**10-YEAR UTILITY ►
RATE HISTORY**

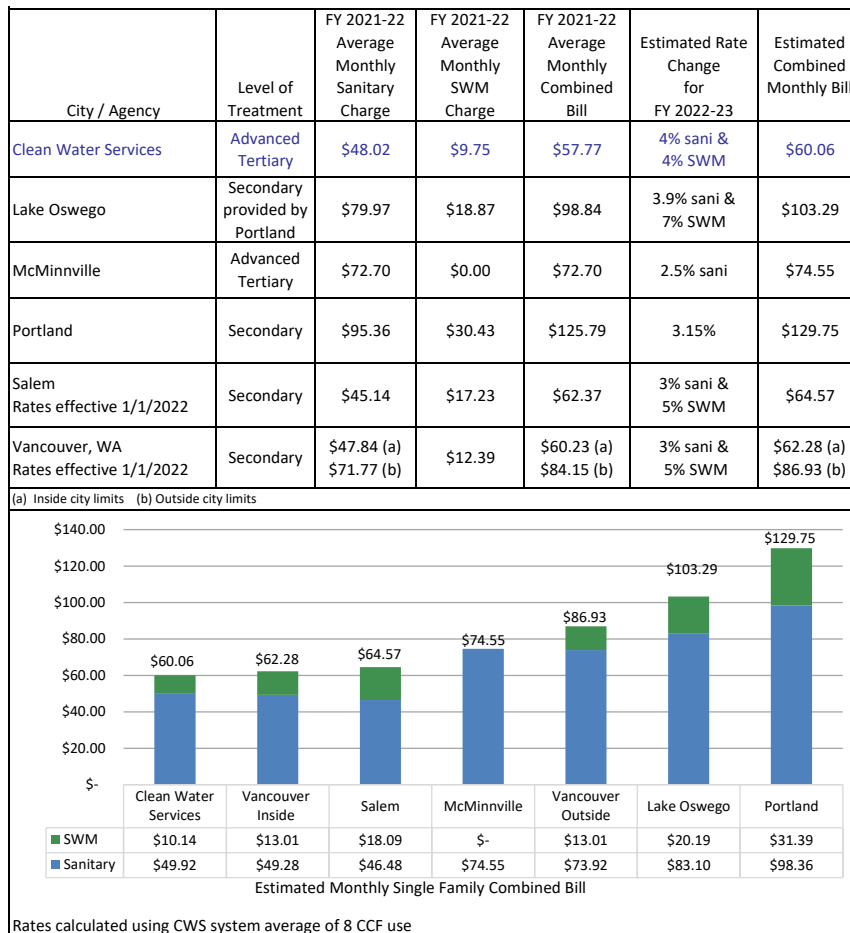
Average sanitary sewer and SWM monthly rates for single family residential customers who are billed directly by CWS. Rates for customers in the seven large cities, which set their own city rates for local services, are not reflected.

\$2.29 per month, or an increase of 4%, to the typical combined bill for residential customers in Banks, North Plains, Gaston, King City, Durham, and unincorporated Washington County who are billed directly by CWS. The cities of Beaverton, Cornelius, Forest Grove, Hillsboro, Sherwood, Tigard, and Tualatin set their own city rates for local services, so the typical combined bill for residential customers in those cities could be different.

Fiscal Year	Combined Sanitary and SWM Monthly Rates (per EDU & ESU)	Percentage Rate Increases	
		Combined Annual	10-Year Annual Avg (14-23)
2014	\$44.71	3.8%	
2015	\$46.36	3.7%	
2016	\$48.04	3.6%	
2017	\$49.76	3.6%	
2018	\$51.52	3.5%	
2019	\$53.35	3.6%	
2020	\$55.20	3.5%	
2021	\$55.20	0.0%	
2022	\$57.77	4.7%	
2023	\$60.06	4.0%	
			3.4%

Average combined monthly service fees for sanitary sewer and SWM utilities for residential customers billed directly by CWS have risen at a 10-year average annual rate of 3.4%.

Average sanitary sewer bills for residential customers billed directly by CWS are substantially lower than those of a majority of local service providers (see chart on next page). This is especially notable since Clean Water Services provides a significantly higher level of wastewater treatment than nearly all local, regional, and national providers of comparable services. CWS' financial forecast includes projected annual rate increases of 4% for the next 10 years.



◀ TYPICAL MONTHLY SEWER AND SWM BILL COMPARISON RATE HISTORY

CWS provides a higher level of wastewater treatment than nearly all local, regional, and national providers of comparable services.

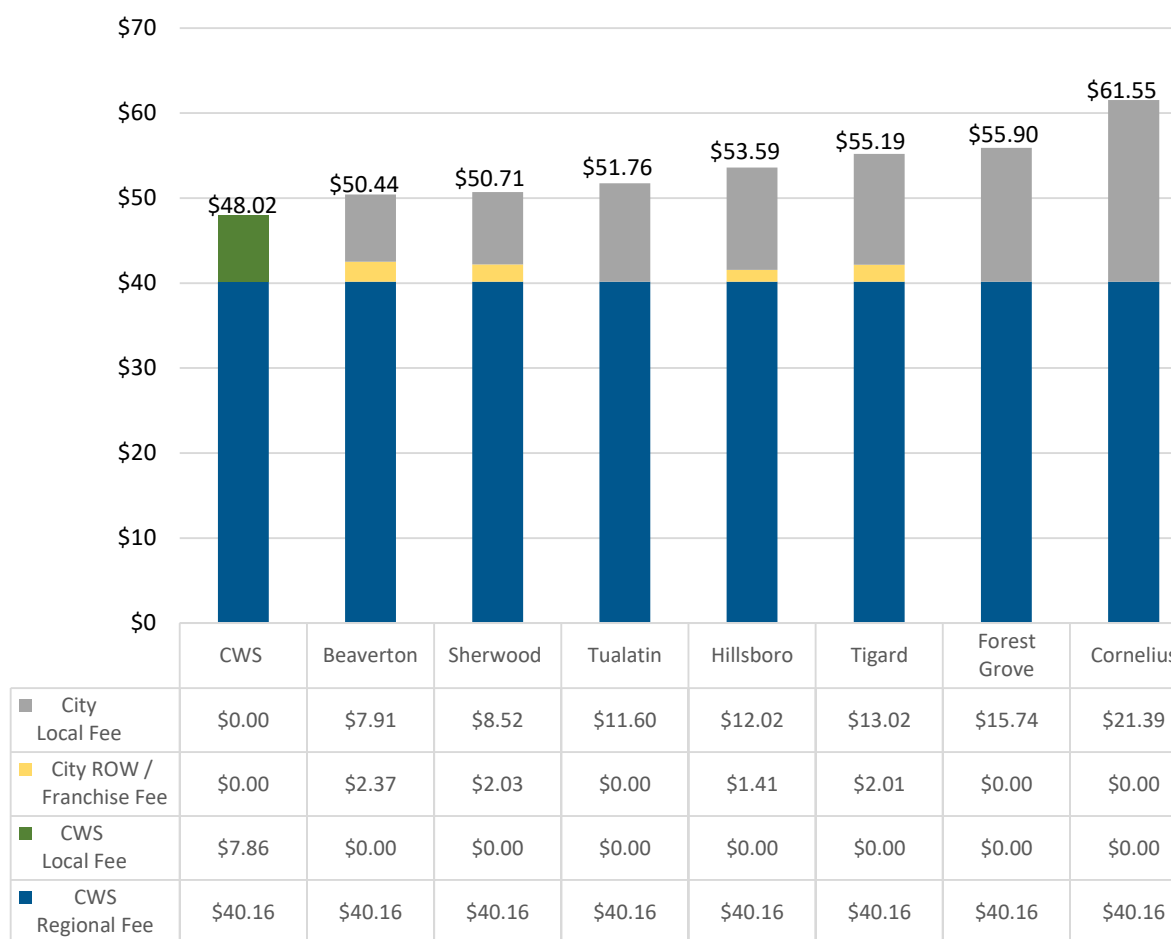
Clean Water Services bills customers who reside in Washington County within the urban growth boundary; the cities of Banks, Gaston, Durham, North Plains, and King City; and small portions of Clackamas and Multnomah counties for sewer and surface water management services.

Customers also served by Tualatin Valley Water District receive a single bill that combines charges for our services along with the water charges.

The seven larger cities bill their customers directly for city services as well as services CWS provides. Each city remits the regional portion of revenue to Clean Water Services. These cities set their own local city rates, which may include additional local surcharges or right-of-way fees to their bills. The cities retain these charges.

CWS has been able to maintain lower rates for local services due to the size of its service area and customer base. The urban unincorporated area and small cities account for 42% of customer accounts and almost 45% of the population in Washington County.

SANITARY SEWER RATE ▼ By jurisdiction

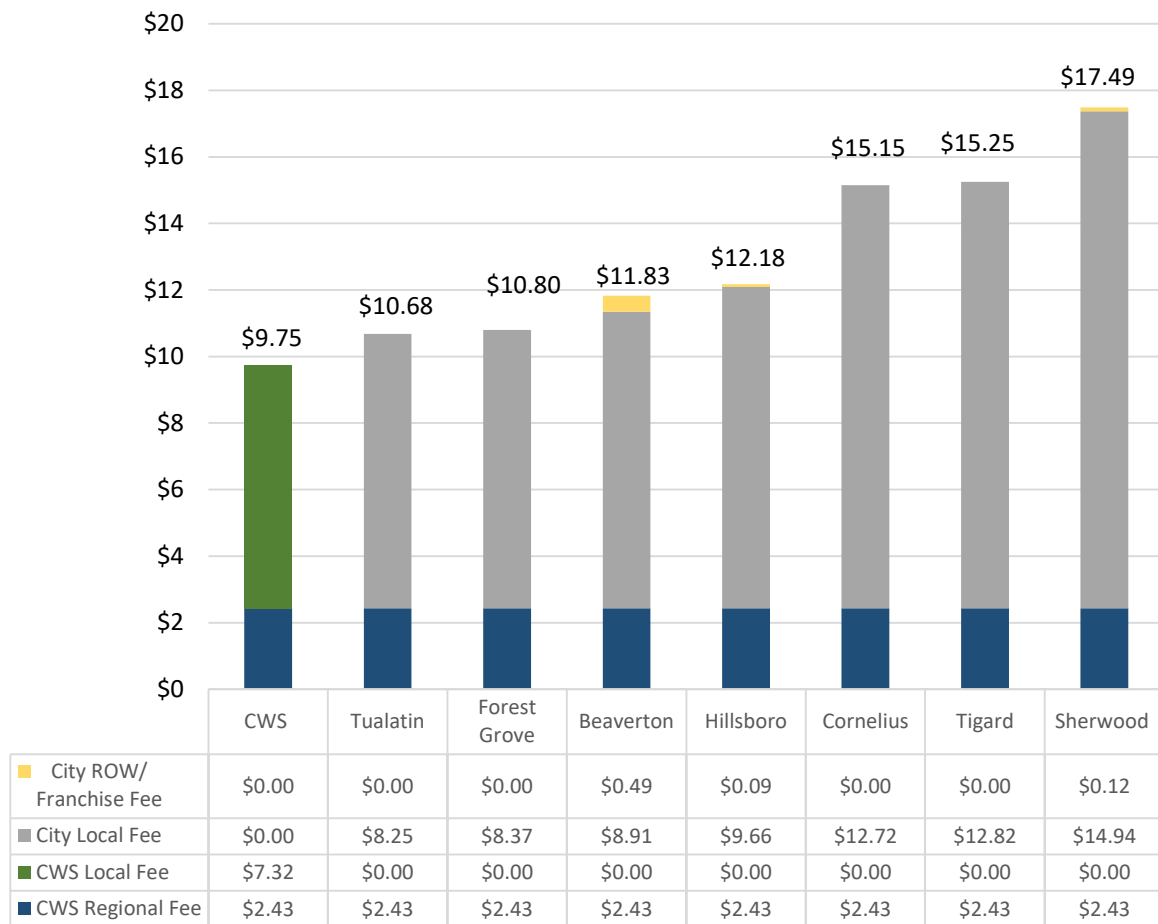


The incorporated cities have a smaller customer base to spread costs of operation and have increased their local rates to meet these needs.

Capacity to Issue Debt

To ensure adequate fiscal capacity to issue debt and meet sanitary sewer system expansion needs, Clean Water Services has a financial practice to maintain coverage ratios above the minimum required by the existing bond covenants to maintain a high bond rating. The FY 2022-23 budget continues this practice with an estimated coverage ratio of 5.51, compared to the minimum coverage requirement of 1.20 times annual debt service. Clean Water Services' strong financial position has earned Standard & Poor's highest rating of AAA as well as Aa1 by Moody's Investors Service. This strong financial performance and bond rating positions Clean Water Services well for future bond issuances to fund large infrastructure project investments to meet regulatory and growth requirements.

SWM RATE ▼ By jurisdiction



Maintain Financial Reserves

Financial reserves provide stable funding for working capital, operating contingencies, and capital investments for repair and replacement and expansion of infrastructure. The planned 4% rate increases will allow for growth in operating reserves to meet funding needs for operations and capital investments.

The multiyear financial forecast reflects a planned SWM rate increase of 4% to fund needed capital replacements such as street sweepers and to provide stormwater treatment to areas with inadequate stormwater management facilities. Clean Water Services has prioritized SWM capital projects in the five-year CIP.

Financial Policies

The Board has established a number of policies that provide management with direction in decision-making and foster financial stability and the ability to accomplish the organization's mission. These policies are detailed on page 47.

BUSINESS CLIMATE AND INFLUENCES

Through innovative water solutions, we match the needs of the globally competitive businesses in our region. We do this in a way that is cost-effective to provide an advantage for the people who choose to live here and the businesses that locate here.

Population Growth

Decades of population and employment growth have led various sectors to focus much of their energy and resources on meeting physical infrastructure needs. New and expanded roads, bridges, schools, churches, high-tech manufacturing facilities, hospitals, and other brick-and-mortar projects, including Clean Water Services' sanitary sewer and surface water management improvements, have helped define this increasingly urban community.

Clean Water Services serves more than 605,000 customers of urban Washington County, Oregon. The county is expected to add 90,000 people by 2030. Planning well is essential to meet service needs in an effective and cost-efficient manner.

Regulatory Climate

Clean Water Services operates under a municipal watershed-based permit that integrates the four municipal water resource recovery facilities and the stormwater program. In 2004, CWS was the first in the nation to receive this kind of integrated, watershed-based permit that provided opportunity for us to take advantage of creative approaches and new solutions, such as:

- Implementing a water quality credit trading program for temperature under which stored water is released from Hagg Lake and Barney Reservoir and streamside shading is conducted outside and inside the organization's service boundary to offset thermal loads discharged from water resource recovery facilities.
- Establishing performance benchmarks for the sanitary and stormwater management activities of Clean Water Services, its co-implementer cities and Washington County as a whole.

CWS faces a challenging regulatory environment due to the relative size of its discharges from the municipal water resource recovery facilities and the size and characteristics of the Tualatin River.

The Tualatin is a small, slow moving river with summer flows of 100 cubic feet per second (cfs) at Hillsboro. Much of the flow in the river can be attributed to CWS, which releases stored water to provide sustainable base flows. The lower segment of the river is essentially a reservoir; it takes more than 10 days for a parcel of

water to make it from Hillsboro to the Oswego dam at the lower end of the reservoir reach.

The river is very sensitive to inputs and the associated regulatory issues are quite complex. As a result, CWS provides a high level of treatment at its facilities, including nutrient removal and filtration, and implements a water quality credit trading program to offset the temperature loads of the water discharged from the water resource recovery facilities. The permit maximizes the flexibility we have under the regulatory framework, which results in a highly complex permit.

Planning and innovation are key. If we do not plan and innovate, if we do not give ourselves enough time to bring strategies to fruition, we will default to the more expensive options to get the job done, a strategy that may not provide the greatest environmental benefit and will significantly affect rates.

CWS is operating under a permit that became effective June 1, 2016. The permit expired May 31, 2021, and has been extended until DEQ issues a new permit. The 2016 permit expanded opportunities to respond to growth, maintain current infrastructure investments, provide new discharges, and achieve water quality standards. CWS applied for a new permit in December 2020, submitting an application that included EPA and DEQ forms for the four water resource recovery facilities and specific stormwater elements that are identified in the permit. We also updated plans



1
Watershed-based
NPDES permit
that integrates four
municipal water
resource recovery
facilities and the
stormwater program

7.5
Miles enrolled
for temperature
management this
fiscal year

for biosolids, recycled water, thermal load management, and mercury minimization; the nondomestic waste ordinance; and the pretreatment manual.

CWS faces a number of challenges — replacing aging infrastructure, population growth, increasingly strict regulatory requirements, water resource limitations, climate change impacts, and maintaining a sustainable rate structure. As part of the permit application process, we developed an Integrated Plan to establish a long-term permitting strategy for CWS. The strategy describes current activities we are implementing and long-term objectives related to permit compliance. These efforts are designed to integrate our compliance objectives with broader strategic efforts for the entire basin. The long-term efforts focus on improving watershed health and resilience, responding to growth and the anticipated impacts of climate change on our basin, continuing to provide a high level of treatment, and improving watershed health and resilience. Many of the strategies we want to implement require regulatory support and action and will take time to implement. These actions include:

- Affirming a watershed-based approach.
- Incorporating the Integrated Plan to guide future permitting.
- Affirming a subbasin approach for stormwater management to provide resilience in urban streams, and responding to anticipated climate change by integrating stream enhancement, treatment, and upland stormwater controls.
- Incorporating the observed benefits of the Natural Treatment System into the compliance regulatory permitting structure at the Forest Grove Water Resource Recovery Facility and Natural Treatment System.
- Updating the Thermal Load Management Plan to expand water resource strategies.
- Adopting more modern, cost-effective compliance monitoring.
- Expanding the recycled water use program to provide more opportunities to apply recycled water, including natural resource restoration.
- Updating the phosphorus Total Maximum Daily Load to focus on biological processes to remove phosphorus and reduce chemical usage at the water resource recovery facilities.

Historically, the Environmental Protection Agency requires an

“integrated plan” as a response to an enforcement action. That’s not the case with CWS, which is in compliance with existing permits. CWS wants to work with DEQ to plan more strategically, to remain in compliance, and look ahead to adjust to population growth and climate change. CWS is the first entity in the state and one of the first in EPA Region 10 to take this approach.

While water quality has improved in the Tualatin River and its tributaries in the past decade, new and more complex challenges have arisen that cannot be solved through pollution control alone. These challenges to the health of the Tualatin basin require a cohesive, watershed-based strategy that reaches beyond the existing regulatory framework. The watershed-based permit allows regulators, permit holders, and community stakeholders to consider the entire watershed, not just individual point sources, when managing the water resources in the basin.

Clean Water Services’ successful record of implementing complex water quality regulations through partnerships and collaboration is widely recognized as a national model. Investments by our customers in a highly advanced wastewater treatment program and a comprehensive surface water management program have paid off in a watershed that is healthier than it has been in generations.





765

Tons of Crystal Green
fertilizer

CWS is
responsible for

866 of the **1,879**
miles of
sanitary sewer lines

529 of the **1,565**
miles of
storm sewer lines

WE BELIEVE IN THE TUALATIN BASIN

CWS' commitment to the Tualatin Basin is apparent in the budget with advanced water resource recovery and comprehensive stormwater management. Our conveyance and treatment of wastewater produce billions of gallons of clean water, with millions of gallons applied to parks, schools, and golf courses. We produce biosolids that help grow grass seed and forage crops. Recovering resources in the wastewater includes recovering energy. We generate nearly 15 million kilowatts of renewable energy at the Durham and Rock Creek facilities.

Recovering nutrients also allows Clean Water Services to create a unique slow-release fertilizer that is better for plants and helps protect our streams and the Tualatin River. It's available as a retail product called Clean Water Grow®. GROW was created in 2012 and is produced and sold by the Clean Water Institute in collaboration with Clean Water Services. The slow-release fertilizer contains Crystal Green® recovered from used water at the Durham and Rock Creek water resource recovery facilities through Ostara's nutrient recovery system. The result is a high-performing retail product that benefits the environment, improves operation and maintenance of the resource recovery process, and provides the community with a thriving plant food for their gardens. This product is made possible by the ratepayers' investment in building water resource recovery facilities at the Durham and Rock Creek facilities that are among the most advanced in the nation.

We Believe in Watershed Health: Clean Water Services has spent more than 50 years pursuing a cohesive strategy to advance the health of the Tualatin River Watershed for more than 605,000 residents in 12 cities and Washington County. Through innovation, scientific knowledge, and creativity, we work to improve environmental health and value for our customers. These efforts have paid dividends for water quality, public health, and our community. The Tualatin River is healthier than it has been in generations and has become a valued recreational asset.

We Believe in Infrastructure, Public Health, and the Environment: Over the past 10 years, Clean Water Services and our co-implementer cities have invested more than \$582 million to expand, replace, and upgrade our community's four water resource recovery facilities, 44 pump stations, sewer lines, and storm sewers. CWS is responsible for 866 miles of the 1,879 miles of sewer lines and 529 miles of the 1,565 miles of storm sewers.

We Believe in Resource Recovery: Clean Water Services is a leader in the industry's transformation from advanced wastewater

treatment to recovering valuable resources that include clean water, renewable energy, and nutrients. We've shifted from conventional treatment systems of pipes, pumps, and plants into resource recovery facilities to minimize waste, maximize resources, and save ratepayers money.

We Believe in Science: As a first-class regional utility, we control our destiny through research and innovation in the face of population growth and water quality demands to return water to the sensitive Tualatin River. We're in a new era with new challenges — climate changes, more complex treatment, larger facilities, and aging infrastructure. Technology is more complex. We need to replace assets and take advantage of more modern technology. What was once new, now needs renewal.

We Believe in Engagement and Education: Clean Water Services encourages the community to join our efforts in protecting public health, enhancing the region's environmental quality of life, and planning for the region's water future. We accomplish this with a supportive and collaborative internal culture where employees can see how their work is reflected in the CWS' vision, mission, and goals.

We Believe in Organization Culture: Clean Water Services is focused on equity and diversity in our organization and in future hires to serve and reflect the region we serve.

We Believe in Community and Building Partnerships: Clean Water Services and Tree for All partners continue to build and strengthen innovative and resilient partnerships to enhance the benefits that natural resources provide to the community.



2,812

Cubic yards of leaves collected at drop-off events

5,670

Pounds of food donated at leaf drop-off events and distributed to St. Vincent de Paul of Hillsboro

\$3,512

In cash donated at leaf drop-off events and distributed to Oregon Food Bank

150

River miles of riparian habitat restored by Tree for All partners since 2005

SUMMARY

Commitment to Service and Financial Sustainability

Clean Water Services demonstrates its ongoing commitment to service and financial sustainability by:

- Advancing restoration of the ecological integrity of the Tualatin River Watershed; continuing to apply principles of long-term environmental sustainability; and improving the design, construction, and operation of its facilities and programs.
- Providing high-quality services at a reasonable cost to ratepayers, both now and in the future.
- Producing environmental and economic outcomes that are superior to those achievable through the application of individual state and federal laws, rules, and regulations by adopting an integrated watershed-based approach.
- Continually seeking and implementing innovative and cost-effective solutions.



EPILOGUE

Clean Water Services has long provided cost-effective and environmentally sensitive management of sanitary and surface water management services for the Tualatin River Watershed. Our vision and commitment to providing sustainable, high value water resource management services at a reasonable cost continues with this budget. During this unprecedented time, our commitment to providing reliable, cost-effective lifeline public health services to our customers is more important than ever. We thank the Board, our partners and, most of all, our ratepayers for enabling this vital work.

Diane Taniguchi-Dennis

Diane Taniguchi-Dennis
Chief Executive Officer





About Clean Water Services

History: District Formation

Clean Water Services (CWS), formerly Unified Sewerage Agency of Washington County, was formed February 4, 1970, as a county service district under Oregon Revised Statutes Chapter 451. It was created by popular vote with the authority to implement sewerage improvements and programs and to provide the financing of those improvements and programs. The formation of CWS unified 26 wastewater treatment plants. CWS began a multimillion-dollar pollution control program based on the areawide wastewater



treatment Master Plan. The plan called for eliminating all treatment plants on the tributaries of the Tualatin River and limited the construction or expansion of major treatment facilities to the Tualatin River. In July 1989, the Portland Metropolitan Area Local Government Boundary Commission authorized an expansion of CWS' authority to include storm and surface water management (SWM) services. In this capacity, CWS manages nonpoint source pollution, rainfall-related erosion and sedimentation, drainage, and water pollution prevention. Combining science and nature, CWS works in partnership with others to safeguard the river's health and vitality, ensure the economic success of the region, and protect public health for more than 605,000 residents in urban Washington County.



The Clean Water Services Board of Directors recognized CWS for receiving Peak Performance Awards for 2020. The Peak Performance program recognizes excellence in wastewater treatment as measured by compliance with NPDES permits. CWS received two Platinum Awards, one Gold Award, and one Silver Award.

The Organization

The CWS Board of Directors is made up of the Washington County Board of Commissioners. Although CWS shares an elected Board with the county, Clean Water Services is a separately managed, financed, and governed regional utility. The Board of Directors appoints a 15-member advisory body, the Clean Water Services Advisory Commission (CWAC), to review and discuss major policy issues and programs related to the management of water resources in the Tualatin River Watershed and make recommendations to the Board. Five representatives from CWAC along with the Board of Directors serve on CWS' 10-member Budget Committee, which reviews and approves the Proposed Budget before it goes to the Board for adoption. The Chief Executive Officer, who is appointed by the Board, is CWS' administrator.

Regulatory History and Current Operating Environment

Clean Water Services' operations are governed by the federal Clean Water Act as administered by the U.S. Environmental Protection Agency and the Oregon Department of Environmental Quality. EPA and DEQ are empowered to develop and enforce regulatory standards for surface water resources through the United States. Federal and state permit requirements govern the operations of CWS' wastewater collection and treatment facilities and the region's stormwater system. Due to the slow and sensitive nature of the Tualatin River, CWS operates under some of the most stringent water quality standards in the nation, including a requirement that Clean Water Services provides a higher level of wastewater treatment than 98% of the publicly owned water resource recovery facilities in the United States.

CWS' single largest regulatory driver is the watershed-based National Pollutant Discharge Elimination System (NPDES), which governs industrial and domestic stormwater and wastewater management throughout the Tualatin River Watershed. The NPDES permit is issued by DEQ on behalf of the EPA. DEQ also regulates air quality at CWS facilities. DEQ has established Total Maximum Daily Loads (TMDLs) and waste load allocations for the Tualatin River. The requirements of the NPDES act as the implementation mechanism for the elements of the Tualatin TMDL directly related to the activities of Clean Water Services. The 1988 Tualatin TMDLs were among the first set in the nation and were updated in 1998 and 2005.

Clean Water Services is also subject to local, state, and federal laws and regulations not specific to the water sector, including Oregon Occupational Safety and Health Administration, Oregon public records law, financial regulations, and Equal Employment Opportunity requirements. Treatment plant operators, professional engineers, attorneys, and other employees with professional certifications must maintain those certifications.

CWS is guided by and participates in developing industrywide policy guidance as promulgated by organizations such as the Oregon Association of Clean Water Agencies, the Pacific Northwest Clean Water Association, the National Association of Clean Water Agencies, the Water Environment Federation, the Water Research Foundation, and the WaterReuse Association.

CWS executes many requirements of the MS4 (municipal separate storm sewer system) and NPDES permits through intergovernmental agreements with Washington County and the 12 incorporated cities within it. Agreements with local, state, federal, and tribal governments drive many CWS programs and projects.

76

Annual reports and compliance reports submitted to DEQ

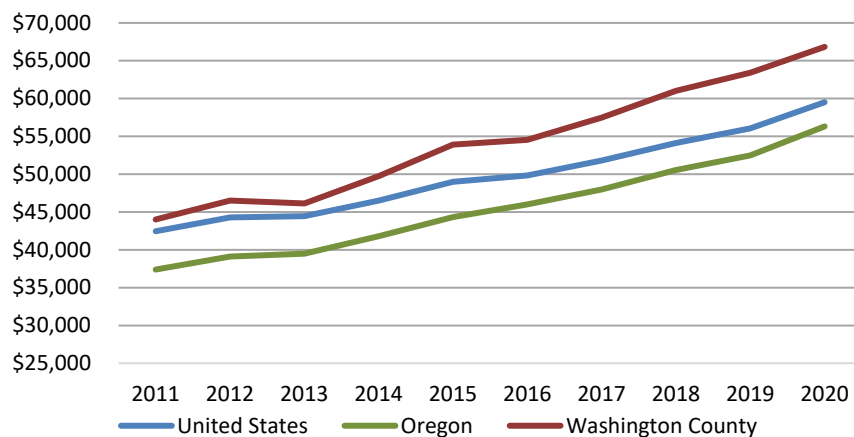
**PER CAPITA ►
PERSONAL
INCOME**
Washington County
income outpaces
state and country

SOURCE: BUREAU OF
ECONOMIC ANALYSIS

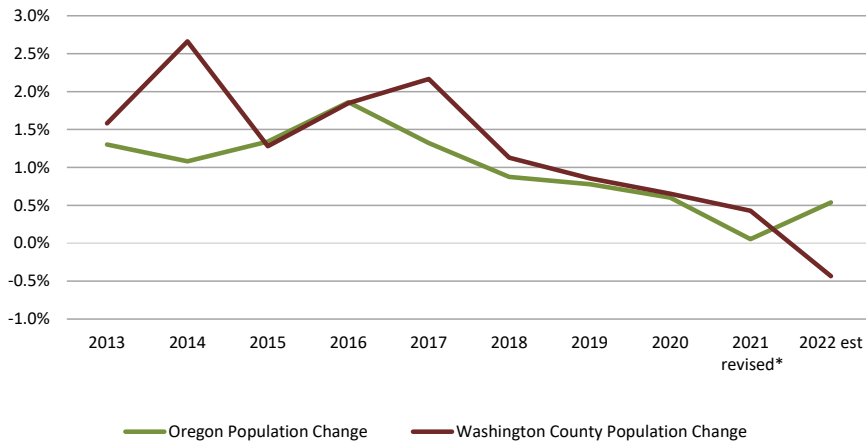
Economic and Demographic Information

The CWS service area encompasses most of the developed part of the Tualatin River Watershed, an area of approximately 123 square miles. The service area includes more than 95% of Washington County's population. Cities located within and served by CWS are Banks, Beaverton, Cornelius, Durham, Forest Grove, Gaston, Hillsboro, King City, North Plains, Sherwood, Tigard, and Tualatin. CWS also serves portions of Multnomah County and Clackamas County.

The economy of the CWS service area reflects the diversification of industry characteristic of the Portland metropolitan area. The county relies more heavily on the high tech industry than other counties in the metropolitan area, and is less dependent on the forest products industry than the state as a whole. Other major county economic clusters include sporting goods and apparel, manufacturing, agriculture, and food processing.



The region's population continues to grow at a modest pace. Although official population estimates are not available for special districts, Clean Water Services' estimates the population of its service area at approximately 605,000 based on 2020 estimates. Population growth within the CWS service area has consistently outpaced population growth within the region over the past decade, and the county is expected to add 90,000 people by 2030. Washington County per capita personal income continues to show signs of modest growth. Washington County's per capita personal income has consistently outpaced state average and the unemployment rate remains among the lowest in the region.

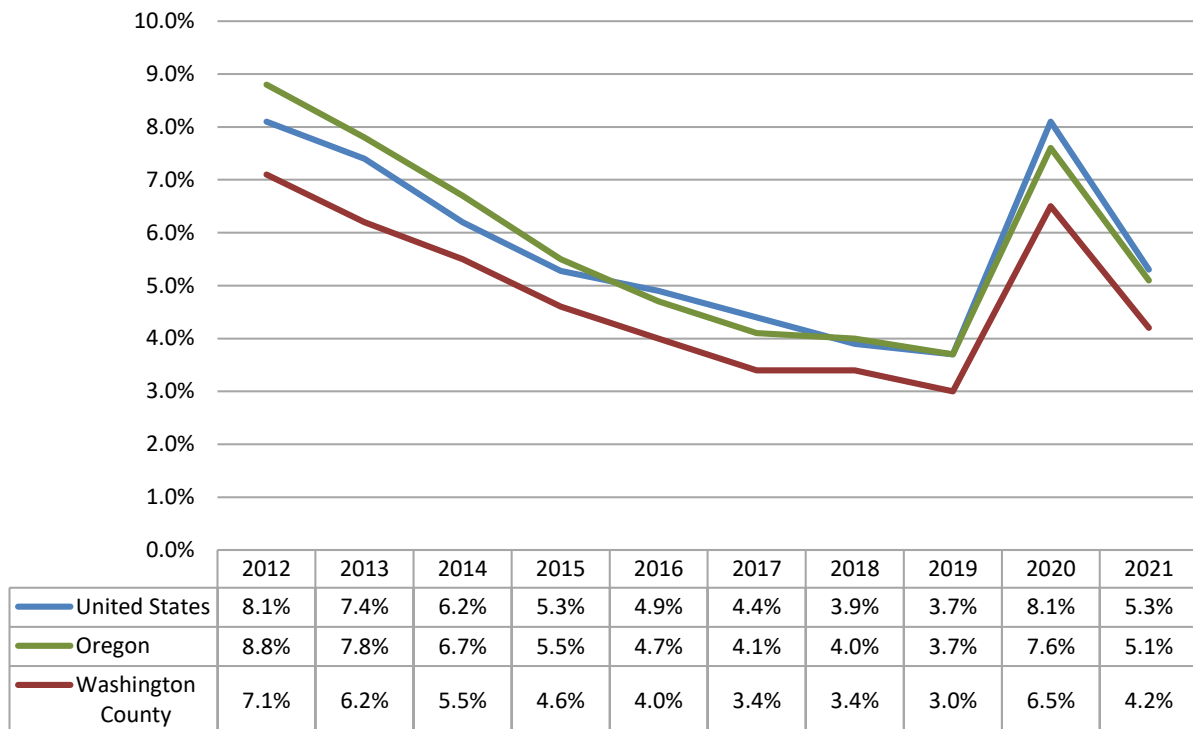


SOURCE: PORTLAND STATE UNIVERSITY POPULATION RESEARCH CENTER

STATE AND POPULATION TREND

2013-2020 numbers are from Bureau of Economic Analysis. The PSU Population Research Center recalibrated its 2021 count based on information from the 2020 census. The 2022 estimate is based on historic changes.

UNEMPLOYMENT RATES ▼ Washington County rates are lower than state and country



SOURCE: STATE OF OREGON EMPLOYMENT DEPARTMENT

192

Manholes
rehabilitated

23,861

Feet of new and
rehabilitated pipe
constructed

Regional and Local Services

Clean Water Services provides regional services that benefit all customers in the Tualatin River Watershed. The regional sanitary sewer rate supports the operation, maintenance, and investment in pipes, pumps, and water resource recovery facilities. The regional surface water management rate supports watershed restoration, and constructing and maintaining regional stormwater facilities.

Regional services include:

- Constructing, operating, and maintaining all treatment plants, sewage pump stations and pressure lines.
- Designing, constructing, and maintaining large diameter sanitary sewers (24 inches and larger).
- Master planning.
- Water supply planning.
- Pretreatment regulatory compliance and billing for industrial customers.
- Rehabilitating manholes.
- Monitoring sanitary sewer flow.
- Managing river flow.
- Watershed restoration.
- Managing compliance reporting and oversight for the NPDES permit.
- Constructing and maintaining regional stormwater facilities.
- Managing compliance reporting and oversight for the MS4 permit.
- Coordinating and managing the regional inflow and infiltration abatement program.

CWS sets local rates, which are charged to residents of unincorporated Washington County and the cities of Banks, North Plains, Gaston, King City, and Durham. The local sanitary sewer rate supports operation and maintenance of the local collection system and 24-hour emergency response. The local surface water management rate supports services such as sweeping streets and maintaining water quality facilities.

The seven large cities — Beaverton, Cornelius, Forest Grove, Hillsboro, Sherwood, Tigard, and Tualatin — each set their own city rates and fees to deliver local services and meet local needs.

Local services include:

Designing, constructing, and maintaining small diameter (21-inch and smaller) local sanitary sewer and storm and surface water system extensions and capacity upgrades.

- 24-hour emergency response.
- Cleaning and performing TV inspection of public storm and sanitary sewer pipes.
- Cleaning catch basins and water quality manholes.
- Sweeping streets.
- Maintaining water quality facilities.
- Repairing damaged or deteriorated infrastructure and constructing short line extensions.
- Installing catch basins and inlets.
- Enhancing stream corridors.



1,447,202

Feet of sanitary and stormwater lines cleaned

12,052

Miles of streets swept - collecting almost 219 dump truckloads of debris

CWS CUSTOMERS – THREE TYPES

Clean Water Services provides services to three types of customers: large incorporated cities, small cities and urban unincorporated areas, and industries. Rates for each type of customer have a regional component and a local or city component.

Large Incorporated City

CWS provides regional sanitary sewer and SWM services for seven cities — Beaverton, Cornelius, Forest Grove, Hillsboro, Sherwood, Tigard, and Tualatin. The cities provide local services in their areas and manage their systems. CWS has intergovernmental agreements with each city to govern how services are provided.

CWS sets the regional sanitary sewer and SWM rates. Each city sets a city rate, which may include right-of-way fees, to meet local needs. Each city remits the regional portion of revenue to Clean Water Services.

Small City and Unincorporated Areas

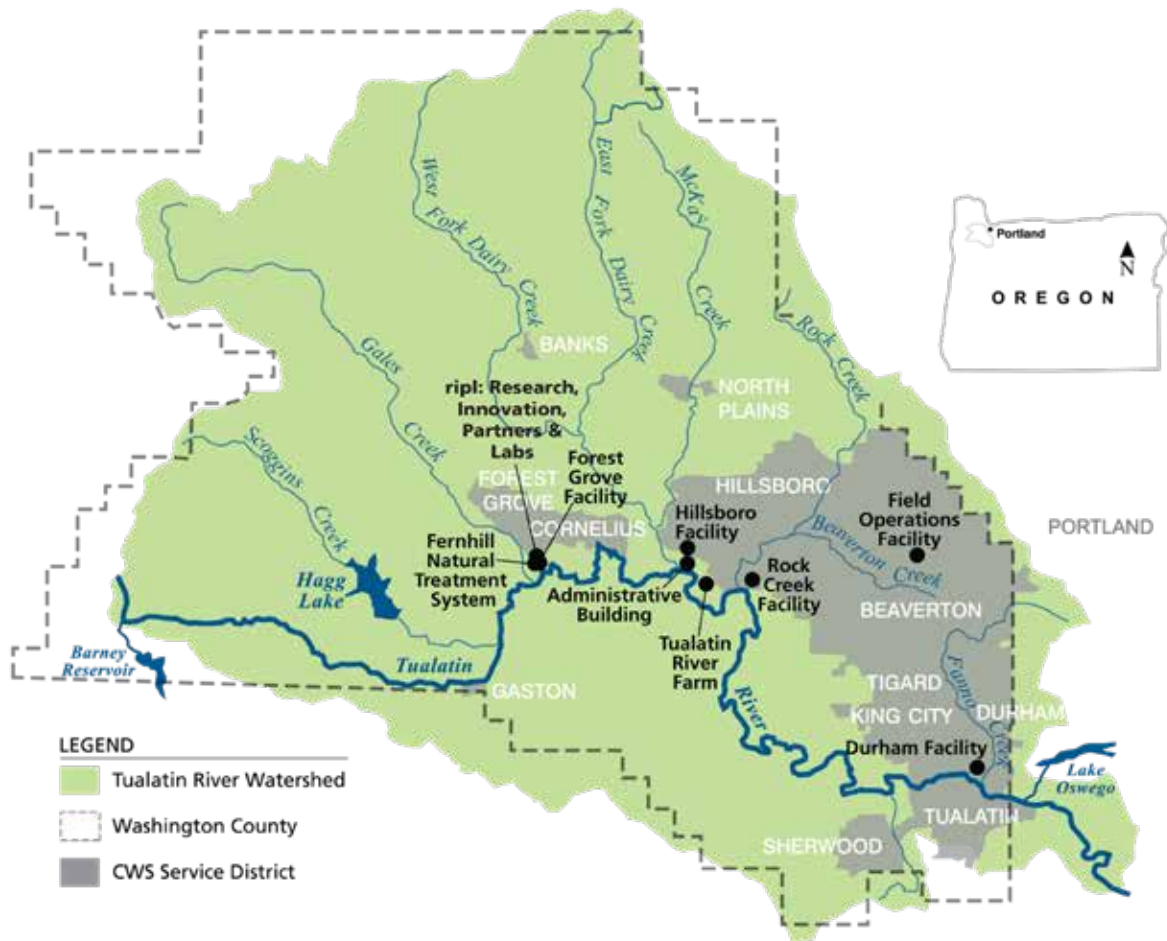
Clean Water Services provides regional and local sanitary sewer and SWM services in the unincorporated area of Washington County and the cities of Banks, Durham, Gaston, King City, and North Plains.

Clean Water Services bills these customers for sewer and SWM services. Customers also served by Tualatin Valley Water District receive a single bill that combines charges for CWS services along with the water charges.

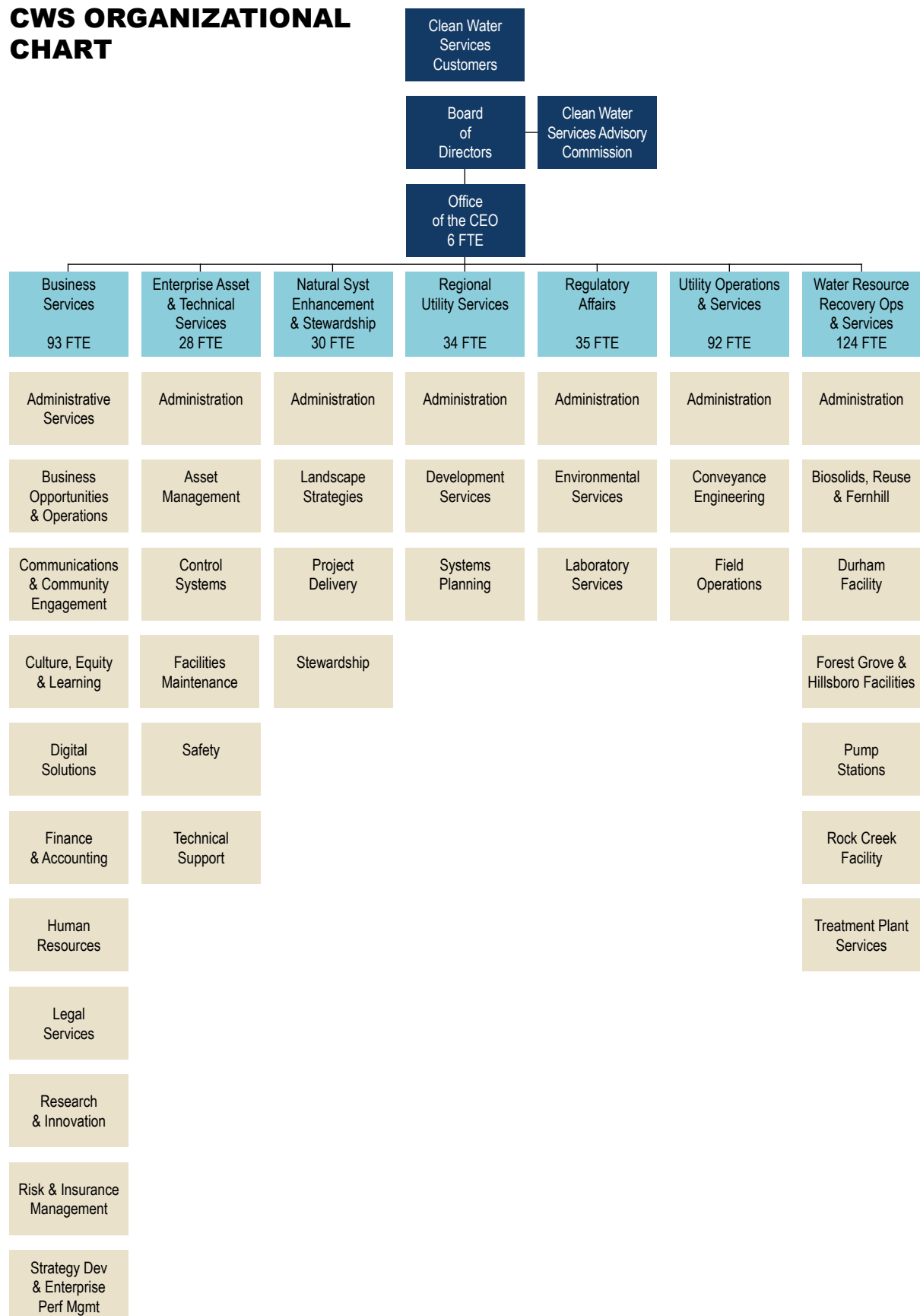
Industries

CWS bills and collects for sewer service to all industrial customers in its service area. Clean Water Services remits to each city an agreed upon percentage of the wastewater volume charge for industrial customers within that city.

CWS MAP



CWS ORGANIZATIONAL CHART



Strategic Planning

MISSION, VISION, PROMISE, VALUES

Our Mission

We provide cost-effective services and environmentally sensitive management of water resources for the Tualatin River Watershed.

Our Vision

Enhance the environment and quality of life in the Tualatin River Watershed through visionary and collaborative management of water resources in partnership with others.



Our Promise

Beautiful clean water for today and tomorrow.

Our Values

A Long-Range, Comprehensive, Basinwide Perspective on water resources issues, challenges and opportunities.

A Supportive, Collaborative, Team-Based Work Environment utilizing timely communication and diverse backgrounds, skills and aspirations of all Clean Water Services employees.

Active Public Awareness and Involvement in Clean Water Services affairs and regional water resources issues.

Decision-Making and Performance Management based on up-to-date, scientific and technical information.

Financially Sound, Fiscally Responsible Management maximizing value for Clean Water Services ratepayers and investors.

Our Employee Team as Clean Water Services' greatest and most trusted resource and asset.

Protection of the Public Health and Enhancement of the Environment through the development and delivery of Clean Water Services programs and services.

Quality, Cost-Effective Customer Service supported by friendly, service-oriented personnel.

Strong, Visionary and Principle-Based Leadership providing direction and purpose in the achievement of the Clean Water Services mission.

Technical Excellence and Innovation in the management of Clean Water Services' water resource recovery facilities.

Timely, Efficient Decision-Making at the Appropriate Level of the Organization enabling Clean Water Services to act swiftly, responsibly and effectively.

BUSINESS PLANNING

Five Key Strategic Outcomes focus and drive Clean Water Services' (CWS) efforts to achieve its Vision, Mission, Promise and Values. Key Strategic Outcomes are the organization's areas of greatest expertise; those strategically important, specialized capabilities that are central to fulfilling our mission and that provide an advantage in our region and to the people we serve. They set the overall direction for CWS both for the short term and long term.

Clean Water Services Key Strategic Outcomes



Organizational Excellence: Clean Water Services is a highly effective and transformative organization that maximizes the capabilities, talent, and effectiveness of our employees to provide services and products that deliver on the values of the region we serve.



Integrated Water Resource Management & Resilient Watersheds: In partnership with others, Clean Water Services creates resilient watersheds by optimizing and integrating the management of water resources for the benefit of the public and the environment.



Research, Innovation & Resource Recovery: Clean Water Services provides services and products that deliver practical and pragmatic water solutions for our region to recover resources and to optimize our operations through innovation that is shared globally.



Catalyzing Transformational Partnerships: Clean Water Services goes beyond organizational boundaries to create and sustain strategic partnerships in the region to accomplish more than any one organization can alone.



Contributing to the Region's Environmental & Economic Vitality: Clean Water Services' sound planning, investment, and stewardship in regional assets is essential to Washington County's continued appeal as a place to invest, live, work, and play.

Performance Excellence

Clean Water Services has adopted the National Institute of Standards and Technology Baldrige Excellence Framework, an integrated systems approach for evaluating business process maturity and organizational performance. The Baldrige Excellence Framework focuses on people, process, planning, dialogue, and implementation to help CWS deliver timely, responsive service and products for our customers and stakeholders – and help deliver on the region's values.

Under the guidance of the Strategy Development & Enterprise Performance Management program, interdisciplinary teams develop and document the specific strategies that CWS will implement as an organization to reach our Key Strategic Outcomes. This process requires participants to clarify the purpose, goal, and scope; to assess the current and future state; to define objectives; to consider multiple strategic perspectives; to measure, set targets, and track progress; to identify initiatives; and to create action plans. Staff in each of the seven departments developed roadmaps that identify department service levels, measures, objectives, and initiatives; and linked objectives to the Key Strategic Outcomes. The roadmaps begin on page 129.

Performance Measurement

CWS' pay delivery system for employees consists of two elements: performance-based pay and goal sharing. This system has been extensively reevaluated to refine and improve the overall programs to better connect employee compensation to measurable business results.

The pay-for-performance program is focused on the individual level and is administered through the evaluation process with employees. This also improves the competitiveness of CWS' salary structure. No automatic pay increases are built into the system.

The CWS Goal Sharing program has been very successful in promoting cost savings and service enhancements by encouraging both practical and innovative employee approaches and solutions to improve delivery of priority services to ratepayers. This Goal Sharing program provides a critical linkage between employees' achievement of meeting targets, working together and the related financial compensation. This will help continue the trend of increasing employee productivity.

In addition to these performance measurement systems, CWS tracks and reports on a wide array of other performance indicators for regulatory and operational purposes.

CWS Strategic Initiatives

CWS employees drafted 65 measures for Fiscal Year 2021-22. Two measures were canceled, and five were deferred to FY 2022-23. Measures were deferred if targets were not met due to factors outside the control of the team.

An outside auditor evaluated the remaining 58 measures. The targets were met on 46 measures, targets were not met on three measures, and nine measures were referred to FY 2022-23. Measures were referred if targets were not met due to factors within the team's control.

Following are CWS' strategic measures for Fiscal Year 2021-22.

KSO	Objective/Initiative Statement	Target	Status
	Review CWS accounts receivable program.	Review the CWS accounts receivable program and determine if improvements are needed. Prepare final report and present to CEO.	Target met
	Review light vehicle fleet policies.	Review CWS policies regarding its light vehicle fleet and determine if improvements are needed. Prepare a final report containing recommendations and present it to the CEO.	Target met
	Review and update the CWS Construction and Services template.	Revise the template documents, test, and roll out an updated Construction and Services template.	Target met
	Develop Digital Solutions Roadmap Lite and collaboration model.	Present collaboration model and Digital Solutions Roadmap Lite to stakeholders.	Target met
	CIP conforms with GFOA best practices.	Develop a multiyear schedule to close gaps by June 30, 2022.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Effective public engagement helps build trust, credibility, agreement and support, creates a sound policy foundation that is consistent with public values, supports timely decision-making, and improves the quality of decisions. Public Affairs staff will develop tools that project and program managers can (MUST!) use to think about public engagement early in a project, and bring the Public Affairs team into the planning process at the beginning (vs. end) of a project that involves more than one stakeholder group.	Develop an internal communications plan and Engagement Brief tool and share with key CWS key work groups by April 30, 2022. Pilot use of Engagement Brief tool by at least two project managers by June 1, 2022. Based on feedback, adjust or add stakeholder engagement planning tools by June 30.	Target met
	Develop and implement a comprehensive risk management information system, including claims and employee health and safety, to better manage risk and safety across CWS.	Implement claims management system by 6/30/2022. Implement employee health and safety by 3/30/2023.	Target met
	Develop and implement a training program and resources for CWS staff on handling requests from the public for records or documents, the laws, best practices governing public agencies records, and current CWS records retention policies.	Document public records program and provide evidence that identified staff received training. Training will cover the following areas: a. How to handle requests for records from the public. b. What documents are required pursuant retention statutes or litigation. c. How best to store paper records. d. Common Oregon Public Records laws to know. e. Current CWS internal records locations (digital and paper).	Target met
	Increase employees' awareness and preparedness for event requiring workplace evacuation.	Provide all employees with workplace "go bags," one or two small "starter" items (e.g., whistle, flashlight, etc.) and basic written preparedness information on what should be included in a workplace go bag. 90% of employees provide documentation of at least one additional item (e.g., tennis shoes, eyeglasses, etc.) added to go bag.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Discovery of chemicals in treatment facilities and pump stations. Purging old/expired chemicals, and updating SDS for (25) chemicals.	Locate, inspect, identify chemicals. Remove and discard, or retain. For chemicals retained (TARGET: 25 chemicals), obtain updated SDS, update information on the CWS SDS site, and update the WRRD chemical site on SharePoint to include the chemical, PPE, and links to the SDS.	Target met
	Review current stormwater program and compare with expected requirements in NPDES permit renewal.	Summary report identifying updates to stormwater program.	Target met
	Multiyear Goal Share to update the total phosphorus TMDL for the Tualatin River subbasin	Present preliminary results to DEQ for input and direction. Next year will focus on final report to DEQ and supporting them on a TMDL update.	Target met
	Develop an automatic data retrieval script to format data in the Department of Environmental Quality's required electronic data delivery format.	Develop SQL data retrieval view. Integrate into Jupyter Notebook script to automatically format into electronic data delivery format. Present data formatting tool to RAD management.	Target met
	Review contract expiration date policy.	Review the CWS contract expiration date policy to determine if improvements can be made. Prepare final report and present to CEO by June 30, 2022.	Target met
	Coordinate across departments to develop a unifying Enterprise Asset Management Policy representing CWS intent.	Create a final draft Enterprise Asset Management Policy that is supported across departments, to provide consistent guidance on how CWS manages assets.	Target met
	Build employee understanding of systemic racism and equity, diversity, and inclusion in a way that is responsive to employee needs, capacity, and current knowledge. Incubate early application of equity work in projects and programs. Continue leadership learning and connecting personal stories with workforce learning. Plan to increase capacity of program within a larger culture framework.	1. Business Partner learning completed by February. 2. Employee affinity/conversation groups created and active. 3. Employee engagement survey fielded by June 30, 2022.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Deploy data management survey and analyze results.	Survey completed by staff from 70% of division-level CWS programs.	Target met
	Create and implement tools and processes for equipment failure identification, evaluation, and resolution.	Finalize documentation for failure identification process and implement QA/QC metrics and review.	Target met
	Create metrics to evaluate planning and scheduling performance of WRRD maintenance programs. Implement SOPs and tools needed to support these metrics.	Create and document SOPs, tools, and metrics.	Target met
	Develop a set of metrics to measure the performance of our maintenance programs.	Finalize list of important metrics to measure and define process for continuous improvement.	Target met
	Develop onboarding process and materials for NSES staff.	Publish SharePoint Tools & Resources page & Onboarding Meetings Plan document, post link in Teams and present during NS department meeting (upload link, document, or screenshot to GS SharePoint page) by 6/30/2022. Prepare and submit SOP prioritized list document by email to division managers (upload document to GS SharePoint page) by 6/30/2022.	Target met
	Gather, develop, and incorporate best practices for community engagement into integrated project process and subbasin planning.	Gather results in a report that is provided to Public Affairs and NSES by June 30. 1) Test the Engagement Brief process on two pilot projects. 2) List of identified data needs, gaps in data, and potential resources. 3) Community Engagement case study for Butternut Creek. 4) Outline of process and key actions.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Improve stream corridor monitoring processes and protocols to better assess geomorphic condition and stream corridor enhancement project performance.	1) Develop a process diagram for TGAT (Tualatin Geomorphic Assessment Tool) implementation, including next steps for development/revision of the tool. This diagram will address data collection and management protocols within a project delivery framework. 2) Prepare a draft monitoring plan template and protocols for using the template to develop a project-specific monitoring plan. Monitoring plan template will be based initially on adaptive management plans developed for Butternut Creek and Cedar Mill Creek stream corridor enhancement projects, but will be flexible enough to allow addition of new metrics at a later date. Protocols for using the plan template include development of an approach to data management.	Target met
	Expand understanding of Traditional Ecological Knowledge (TEK) in order to positively influence future work.	Data collected to tailor learning opportunity, provide interactive and meaningful presentation(s) given to NSES staff, and complete planning to develop recommendations for next steps to incorporate learning to improve future work.	Target met
	Clean Water Services will coordinate and promote three partner-led Passport experiences.	Delivery of three Passport experiences led by partners.	Target met
	Enhance qualitative monitoring assessment process.	Create qualitative monitoring assessment forms utilizing apps on mobile devices that are integrated with GIS and return valid scores based on reference conditions, regional partners' literature, and the team's best professional judgment.	Target met
	Develop core suite of metrics to assess progress toward enhanced ecosystem integrity/watershed "health" that can address regulatory requirements, support the CWS Ecosystem Integrity Assessment process, and communicate with our community.	FY22: Memo documenting programmatic goals, desired ecosystem functions and ecological and community values, and draft metric selection for multiple scales that are linked to desired functions and values.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Ecological enhancement and stewardship partners in the Tualatin basin will be able to select and deploy climate-resilient native plant materials that support functionally resilient plant communities in restoration projects.	Report detailing plant communities in reference regions and recommendations for changes to species and genetics of current plant material based on reference communities.	Target met
	Comply with expected provisions in NPDES permit renewal regarding water quality standards for MS4 discharges.	Develop standard operating protocols that identify specific response and reporting measures that will be undertaken in situations where stormwater discharges are deemed to be causing or contributing to water quality standards exceedances.	Target met
	Consistent operations at the Forest Grove Natural Treatment System.	Submit a comprehensive NTS Operations Plan to DEQ.	Target met
	Environmentally beneficial, cost effective, and sustainable nutrient control at water resource recovery facilities formalized with regulatory agencies (DEQ).	Submit technical report to DEQ summarizing the 2021 phosphorus study results and request extension of the MAO (Mutual Agreement and Order)	Target met
	Organized management of CWS' air quality compliance requirements	Present the organized file structure to RAD.	Target met
	Develop a staffing and resource evaluation report.	Capture Environmental Services resources and staffing evaluation and present report to RAD director.	Target met
	Implement Environmental Services Roadmap action items.	Presentation to RAD director by ES staff on selected initiatives action items status updates in ClearPoint.	Target met
	Obtain approval for the use of the method refinements for disinfection byproducts.	Submit method modification application to DEQ.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Migrate plan review, permitting, and inspection functions to AMANDA 7 while maintaining a high level of customer service in Planning and Development Services.	Develop and implement an AMANDA 7 roll-out plan that includes document management compatible with upgraded software. All frequent users (Plan Review, Permitting, and Inspection staff) will attend a minimum of one training session. Complete transition from AMANDA 6 to AMANDA 7, train staff, and begin using for new projects and new documents by June 30, 2022.	Target met
	Enhance internal development coordination for improving external comment process and content related to land use conditions of approval.	Develop a tool and process for sharing information about land-use and development applications that includes an enhanced set of comments to provide feedback to applicants by June 30, 2022.	Target met
	Modernize the plan review application submittal process.	Develop scope of work and budget to begin implementation in FY23. Determine internal resources to support implementation.	Target met
	Develop a process to streamline the transfer of data from internally-designed AutoCAD projects to related GIS data.	By June 30, 2022, create a workflow to improve project data transfer between AutoCAD and GIS systems. Test, evaluate, and finalize the process, provide documentation and follow-ups with staff to ensure proper training and future use.	Target met
	Develop training program for Plant Maintenance Technician to advance from 1 to 2.	Develop training program to train PMT 1 staff to be qualified Plant Maintenance Technician 2s by June 30, 2022.	Target met
	Label piping in the treatment facilities.	Identify which pipes need updated labels and then attach the new labels by the end of June.	Target met
	Create a Health and Safety Plan for the four treatment facilities and pump stations.	Develop five draft Health and Safety plans by June 30, 2022, (four for treatment facilities and one for pump stations).	Target met
	Inventory the nonstock items at Durham and add them to Lucy or other program for tracking.	Add nonstock items to Lucy.	Target met



KSO	Objective/Initiative Statement	Target	Status
	Merge the 2016 WRRD Goal Sharing matrix with the current GS key strategic outcomes.	Complete task by June 30, 2022.	Target met
	Utilize flow meter mass balances to verify flow rates throughout the facility, thus improving data validation and maintenance frequency.	Train operations/instrumentation on the flow balance dashboards to evaluate accuracy of flow meters. Develop maintenance/cleaning frequencies based on data? Develop recommendation for further meters to create flow balances.	Target met
	Define current and future WRRD instrumentation needs.	Deliver summary by end of third quarter.	Target met
	Conduct standardized training to build broader and deeper involvement and understanding of the program.	>25% participation by unique owners and coordinators.	Target not met
	Research combining employee ID badges with the fob building/entry access	Create a proposal to integrate ID badges and fobs.	Target not met
	Improve employees' understanding of the Incident Command System and Emergency Operations.	95% of all supervisors and staff identified by managers as likely to be called to participate in staffing CWS Emergency Operations Center complete online ICS training modules 100, 200, and 700. Training is documented by Human Resources.	Target not met
	Develop contract tracking tool for use across CWS.	Develop, test, and roll out a contract and procurement tracking tool to be used throughout the organization.	Referred



KSO	Objective/Initiative Statement	Target	Status
	Develop CWS-wide internship inventory, identify cohort/training opportunities.	Phase 1: Collect information from current supervisors/mentors, create spreadsheet and centralize data on SharePoint for supervisors. Identify, develop, and recommend opportunities for cohorts, onboarding, and training plan, by July 1, 2022. Phase 2: Create intern cohorts, as identified in FY 22, develop and implement onboarding and training program by July 1, 2023.	Referred
	Evaluate and purchase a contract management software system that will grow with the needs of CWS, reduce redundancy, increase efficiency, reduce staff time, and comply with CWS Purchasing Rules and state law.	Update templates and purchase contract management system by due date.	Referred
	Improve CWS' ability to operate and recover from a major event interrupting operations.	Each department or division prepares at least one Emergency Operations Plan (Continuity of Operations Plan or COOP) for a work unit. Distribute plan and train affected staff.	Referred
	To become more secure and establish cybersecurity best practices across CWS.	1) Initiate password change and update all employee passwords not changed within 90 days of initiation. 2) Install and deploy two-factor authentication to 95% of remote employees. 3) Establish annual external penetration test and run first test/assessment. 4) Establish Cybersecurity Incident Response Team (CIRT) with standard operating procedure regarding how CWS responds to cybersecurity-related events. 5) Continue employee training and establish procedure for biannual or quarterly KnowBe4 training and phishing simulations.	Referred
	Advance broader strategies for CWS' reuse program.	Present the implementation strategy to the executive leadership team.	Referred



KSO	Objective/Initiative Statement	Target	Status
	Bring our Safety Program up to meet or exceed the excellence levels outlined by Oregon OSHA certification programs-Durham Facility.	Qualify for SHARP program enrollment.	Referred
	Joint training with Environmental Services for toxic event training at Rock Creek, Durham, Forest Grove, and Hillsboro.	Conduct a training exercise at Rock Creek, Durham, Forest Grove, and Hillsboro for toxic event sampling.	Referred
	Establish mapping library for Operations at each facility that allows for continual updating and access.	End of June 2022. Top 10 priority maps at each facility updated and available. Request procedure in place. Task established for responsible TPS member to update any future changes.	Referred



Financial Policies

Following are summaries of Clean Water Services' (CWS') financial policies.

Accounting, Auditing and Financial Reporting

- CWS will maintain its accounting records and report on its financial condition and results of operations in accordance with Generally Accepted Accounting Principles (GAAP), as promulgated by the Governmental Accounting Standards Board.
- CWS will have an independent financial and compliance audit performed annually in accordance with generally accepted auditing standards and Oregon Revised Statutes.
- CWS will publish an audited Annual Comprehensive Financial Report each year.

Budgeting, Financial Planning, and Forecasting

- CWS will balance budgeted resources with budgeted requirements within each fund to produce a balanced budget per Oregon Administrative Rules 150-294.388(1).
- CWS will legally adopt its budget at the fund level with appropriations adopted in the categories of operating expenses, debt service, capital outlay, contingency and operating transfers for each fund, except the General Fund, which will have appropriations adopted by organizational unit. Appropriations will lapse at the end of the fiscal year.
- CWS will maintain a budgetary system to monitor and report on actual revenues and expenditures in comparison to budgeted amounts to ensure appropriate budgetary compliance.

- CWS will include its Goal Sharing objectives and targets as well as other measures of performance in its published Adopted Budget.
- CWS will appropriate a minimum contingency of 10% of total budgeted expenditures in the General Fund and 5% of total expenditures for all other CWS operating and construction funds, within each individual fund.
- CWS will facilitate strategic utility rate stabilization planning through sustainable budget contingency and carryover balance levels in the General Fund and the Surface Water Management Operating Fund. This approach will help promote reasonable and predictable rate adjustments, supported by multiyear rate forecasting.
- CWS will maintain reasonable resources for the Capital Improvement Program (CIP) and Capital Outlay, working capital, and prudent risk management.
- CWS will annually prepare a multiyear financial forecast of major revenues, expenditures and other financing sources and uses for CWS.

Capital Improvement Program and Budget

- CWS will plan for capital improvements over multiple years. The CIP will directly relate to the Master Plan, departmental operation plans, and other long-range plans.
- CWS will annually prepare a multiyear CIP to identify and plan for anticipated capital projects and estimated costs and to identify estimated significant impacts on the operating budget.
- CWS will reasonably maintain its capital assets at a level sufficient to protect CWS' capital investment and to mitigate future maintenance and replacement costs. The budget will provide for adequate maintenance and orderly replacement of capital assets, as resources allow.
- CWS will define as CIP capital assets any asset acquired, constructed, financed, modified, or replaced by CWS with a total cost of \$50,000 or more and a useful life of five years or more, in accordance with GAAP. Expenditures between \$5,000 and \$50,000 that result in the creation of a capital asset or extend the useful life of an existing capital asset for at least five years will be classified as capital outlay within the operating budget.
- CWS will include CIP projects and their estimated costs within the operating budget for the period covered by the

operating budget for approval by the CWS Budget Committee and adoption by the CWS Board of Directors (Board).

Debt Management

- CWS will issue long-term debt in accordance with all applicable federal, state, and local laws and regulations, as well as CWS resolutions and orders, for appropriate purposes.
- CWS will adhere to full disclosure of financial and pertinent credit information as it relates to CWS' outstanding securities and comply with applicable continuing disclosure requirements.
- CWS will strive to maintain credit ratings of A or higher to ensure that borrowing costs are minimized and CWS' access to credit is assured.
- CWS will comply with all requirements associated with revenue bonds, including, but not limited to, debt service reserve requirements and debt service coverage ratios.
- CWS will use a competitive bidding process in the sale of bonds unless the Board authorizes a negotiated sale process that is expected to produce more favorable results for CWS.



Investments

- CWS worked with the Washington County treasurer to transition treasury services in-house by July 1, 2022.
- CWS' cash and investments will be received, safeguarded, invested, and disbursed by the CWS treasurer, in accordance with Oregon Revised Statutes.
- CWS treasurer will monitor the activities regarding CWS cash and investments to ensure that liquidity and working capital needs are met and that investments are in compliance with CWS approved investment policy.

Revenue

- CWS will maintain sanitary sewer and surface water management rates at levels that are deemed appropriate by the Board to finance costs associated with regulatory requirements, needed program enhancements, maintenance of a competitive workforce, maintenance or replacement of capital assets, debt service related requirements, and to avoid or mitigate rate spikes.
- CWS will follow an assertive policy of collecting revenues determined to be due to CWS.

Budget Process

Clean Water Services (CWS) follows a budget process that is consistent with Oregon Local Budget Law requirements, which are designed to accomplish two important results:

- Utilize standard procedures for preparing, presenting and administering the budget.
- Enhance community involvement in the budget process and public exposure to the budget before formal adoption.

The four phases of the budget process include:

Requested

- The initial in-house development of the structure, levels of appropriation, and revenue and expenditure estimates. New and revised program approaches are developed and reviewed by staff at this time.
- These requests are then reviewed at the department level and a recommendation sent to the CWS Business Partners for collaborative review. All CWS managers participate in relevant portions of this review and discussions.
- Operating and capital budgets are reviewed against previously developed evaluation criteria and CWS priorities. No budget increases are approved if they can be met by operating more efficiently or reallocating resources.

Proposed

- The Proposed Budget is prepared under the direction of the Budget Officer, using the results from CWS' internal review process, and presented to the Budget Committee in a public meeting.

Approved

- In the public meeting, the Budget Committee receives the budget document, receives public comment, and has the opportunity to amend or approve the budget as proposed. The budget is in the approved stage if approved as presented or after incorporating any changes requested by the Budget Committee.

Adopted

- In a public hearing, the CWS Board of Directors (Board) calls for comments from interested parties on the budget and may make revisions in response to those comments. After the public hearing, the Board adopts the budget, formalizing the appropriations for the coming fiscal year.

An increase in appropriations outside the above process requires a Supplemental Budget, which involves many of the same procedures for notification and public hearings as the adoption of the annual budget. Transfers from the contingency appropriations may be made with Board authorization.

BUDGET PROCESS CALENDAR

The budget process calendar identifies timing and opportunities for public input while moving toward the actual adoption of appropriations for the coming fiscal year.

The outline below illustrates in general terms the process used to arrive at an Adopted Budget.

October - January

- Develop individual program budgets using budget software program.
- Develop draft Capital Improvement Program using an electronic database.

February - March

Requested

- Meet with CWS staff and management to review initial budget requests as prepared by division and department leaders.
- Chief Financial Officer and staff develop revenue projections for upcoming fiscal year and conduct rate analysis based on anticipated fund balances and revenues.

April - May

Proposed

- Prepare Proposed Budget for publication.
- Mid-April: Publish required public notice in a newspaper of general circulation to announce when the Proposed Budget will be available for viewing, as well as the date and purpose of the Budget Committee meeting. Post the notice on the CWS website per ORS 294.426(5).
- Publish Proposed Budget document.

Approved

- Early May: Hold Budget Committee meeting to review the budget document as proposed by the Budget Officer. Receive and address public comments. When approved, the budget moves to the Board for adoption.

May - June

Adopted

- Publish notice in newspaper of general circulation that a public hearing will be held to review the budget. (Notice includes schedule of appropriations, meeting time, and place.)
- Mid-June: Board of Directors holds public hearing(s) before July 1, the beginning of the fiscal year, to receive public comment and adopt the budget. At this time, the Board also adopts Resolution and Orders to set rates and charges and to adopt the Capital Improvement Program.

Accounting Structure

CWS reports costs in two separate enterprise funds for sanitary sewer and stormwater operations. For financial reporting purposes, financial statements are presented on a full accrual basis of accounting. In this method, revenues are recorded when they are earned and expenses are recorded at the time liabilities are incurred regardless of the timing of related cash inflows and outflows.

The CWS budget is prepared using the modified accrual basis of accounting. Under modified accrual basis of accounting, revenues are recognized as soon as they are both measurable and available. Measurable means the amount of the transaction can be determined and revenues are considered available when they are collected within the current period or expected to be collected soon enough thereafter to be used to pay liabilities of the current period. For this purpose, revenues are considered available if they are collected within 60 days of the end of the current fiscal period.

For legal requirements set forth in Oregon Local Budget Law, CWS is required to prepare and adopt a budget by individual funds. Accounting records are maintained on a governmental fund accounting basis. The resolution authorizing appropriations is adopted by fund each year by organizational unit or in the categories of personnel services, materials and services, debt service, capital outlay, contingency, and operating transfers.

The CWS budget and financial tracking systems are based on a hierarchy of accounts that start at the Fund level and continue down to specific Projects. Line items are simply the individual expenditure and revenue categories that are tracked during the year (e.g., electricity, salaries, service charges).

For the Operating Funds, it looks like this:

- Fund
 - Department/Division
 - Division/Program
 - Project (as needed)

The other funds rely on Projects and Line Items to identify budget appropriations dedicated to specific purposes.

The fund accounting structure table on page 99 shows the organization of the various funds within the Operating, Construction, Reserve, or Debt fund types. Each tab identifies the budget components included in that section of the document. A listing of the general fund program codes and the chart of accounts are provided in this document.

Budget Overview

Summary

Total Clean Water Services (CWS) revenues are budgeted to increase by \$15.9 million, or 8.4%, over the FY 2021-22 budget. Total CWS expenditures, including operating and capital expenditures, debt service, and other fund outlays are budgeted to increase by \$5 million, or 2.3%, due primarily to increases in the Capital Improvement Program (CIP) and increased departmental expenditures. Combined beginning fund balances are estimated to increase by \$42.8 million, or 13.5%, as a result of intentionally reduced capital project expenditures as well as sequencing of filling vacant positions. CWS continues to be in excellent financial condition, as indicated by its credit ratings of AAA from Standard & Poor's and Aa1 by Moody's Investors Service.

Revenue Highlights

The primary ongoing revenue drivers are service charges for sanitary sewer and surface water management (SWM), as well as System Development Charges (SDCs) for sanitary sewer and surface water. Together these revenue sources make up approximately 94% of estimated ongoing revenues for FY 2022-23. Service charges are projected to increase by \$10.6 million, or 6.7%, reflecting the effects of a rate increase as well as customer growth. SDCs are projected to increase by \$6.7 million, or 42.9%, based on FY 2021-22 year-to-date activity and proposed rate increases.

Other sources of operating and nonoperating revenue are interest earnings, grants, contributions, other assessments, and miscellaneous fees. These other sources of revenue make up approximately 6.1% of estimated revenues for FY 2022-23. These revenues are anticipated to decrease by approximately \$1.5 million in FY 2022-23.

Expenditure Highlights

Total departmental expenditures are budgeted to increase by just under \$5.2 million, or 5.7%. Expenditures for personnel services, materials and services, capital investment, debt service, and other fund level outlays are discussed in greater detail below.

Personnel Services (Labor)

Total personnel services are budgeted to increase by just over \$2 million, or 3.5%, from the FY 2021-22 budget. The primary drivers of this increase are the 13 new full-time equivalent positions in the coming fiscal year; three are conversions of temporary positions where the work load has proven sustained and long-term. Staff will prioritize and sequence hiring for all current vacancies and new positions. The new positions are described in detail in the departmental summaries beginning on page 123.

Materials and Services

Departmental materials and services are budgeted to increase by just under \$3.2 million, or 9.5%, compared to last year's budget. Software costs are going up, and a number of projects were moved from implementation in the capital budget to maintenance in the operating budget.

Capital Investment

CWS is budgeting an estimated \$93.6 million in sanitary sewer system improvements and \$4 million in surface water management system improvements in FY 2022-23. These investments are planned to increase system capacity, meet regulatory requirements for water quality, watershed health, and to prepare for current and future growth. All the projects scheduled for implementation in this budget have been vetted against previously adopted sanitary and surface water management facilities and master plans.

Debt Service

Debt service is reduced by \$4.5 million or 20.9% in comparison to the FY 2021-22 budget. This is due to the savings found in refunding the Series 2011B in 2021 as well as the final debt service payment on the Series 2011A being completed in FY 2021-22.

Other Fund Level Outlays

This expenditure type includes utility bad debt expense, franchise fees, pass-through revenues to cities, self-insurance claims costs, and other miscellaneous nondepartmental outlays. This category is budgeted to increase by \$1.2 million as compared to the prior year.

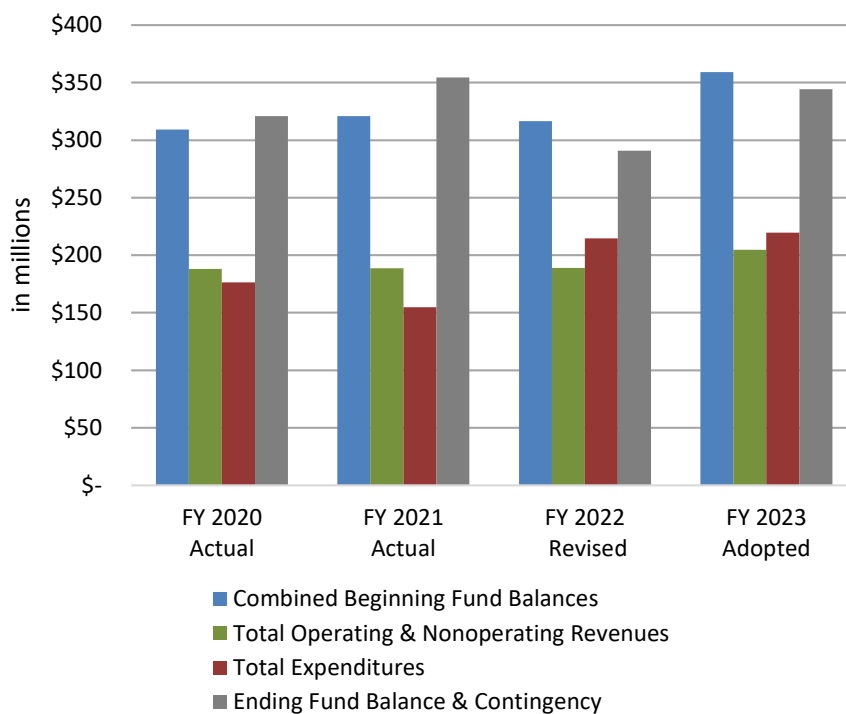
In the current fiscal year, other fund outlays include \$3.4 million for pass-through revenues to co-implementer cities, \$0.9 million for self-insurance claims, \$1.0 million for utility bad debts, \$0.4 million for right-of-way fees paid to cities, and \$0.2 million for franchise fees. Additional costs budgeted in the current year include \$0.45 million designated for assistance programs.

Fund Balances

Beginning fund balances are anticipated to increase by approximately \$42.8 million, or 13.5%, over the current budget year primarily due to the reduction in planned capital spending in FY 2020-21 as well as the intentional sequencing of hiring vacant positions.

Budget Overview – All Funds Summary

The chart below shows CWS' all fund information at a summary level, which is presented on the following page in more detail.



◀ ALL FUNDS SUMMARY

Total revenues are projected to increase by 8.4% and total expenditures are budgeted to increase by 2.3% in the FY 2022-23 budget.

FY 2022-23 BUDGET OVERVIEW - ALL FUNDS

	FY 2020 Actual	FY 2021 Actual	FY 2022 Revised Budget	FY 2023 Adopted Budget	% Change From FY 22 Budget
SOURCES OF FUNDS					
Beginning Fund Balance as Reported	\$ 311,578,092	\$ 320,822,969	\$ 316,426,122	\$ 359,270,600	13.5%
Restatements	(2,416,129)	-	-	-	
Revised Beginning Fund Balance	\$ 309,161,963	\$ 320,822,969	\$ 316,426,122	\$ 359,270,600	13.5%
Operating Revenue					
Service Charges	\$ 150,753,544	\$ 153,631,948	\$ 159,321,100	\$ 169,953,300	6.7%
Miscellaneous Fees	7,637,443	9,600,149	7,160,300	5,345,600	-25.3%
Non-Operating Revenue					
System Development Charges	\$ 21,073,842	\$ 18,208,448	\$ 15,588,600	\$ 22,268,400	42.9%
Grants, Contributions, & Assessments	981,154	1,220,030	461,600	460,900	-0.2%
Build America Bond (BABs) Subsidy	1,397,431	1,345,311	1,380,900	1,241,600	-10.1%
Interest Earnings	6,281,076	4,595,097	5,000,000	5,500,000	10.0%
Total Operating & Non-Operating Revenues:	\$ 188,124,490	\$ 188,600,983	\$ 188,912,500	\$ 204,769,800	8.4%
TOTAL SOURCES	\$ 497,286,453	\$ 509,423,952	\$ 505,338,622	\$ 564,040,400 (1)	11.6%
USES OF FUNDS					
Departmental Expenses					
Personnel Services	\$ 40,679,704	\$ 45,802,406	\$ 57,627,700	\$ 59,658,200	3.5%
Materials and Services	26,257,822	27,047,724	33,499,400	36,665,800	9.5%
Total Departmental Expenditures:	\$ 66,937,526	\$ 72,850,130	\$ 91,127,100	\$ 96,324,000	5.7%
Other Uses of Funds					
Debt Service	\$ 22,011,765	\$ 21,738,106	\$ 21,743,500	\$ 17,191,500	-20.9%
Construction (CIP)	83,472,402	56,408,626	94,386,400	97,543,700	3.3%
Other Fund Level Outlays	4,041,791	3,958,744	7,366,100	8,556,900	16.2%
Total Expenditures:	\$ 176,463,484	\$ 154,955,606	\$ 214,623,100	\$ 219,616,100	2.3%
Contingency	\$ -	\$ -	\$ 33,952,900	\$ 39,609,700	16.7%
Ending Fund Balance	320,822,969	354,468,346	256,762,622	304,814,600	18.7%
TOTAL USES	\$ 497,286,453	\$ 509,423,952	\$ 505,338,622	\$ 564,040,400 (1)	11.6%
TOTAL FTEs	382.00	406.00	429.00	442.00	3.0%

(1) Excludes transfers between funds, which have a zero net effect on Sources and Uses of Funds, but are budgeted in accordance with Oregon Budget Law

Budget Sources & Uses

SOURCES OF CWS FUNDS

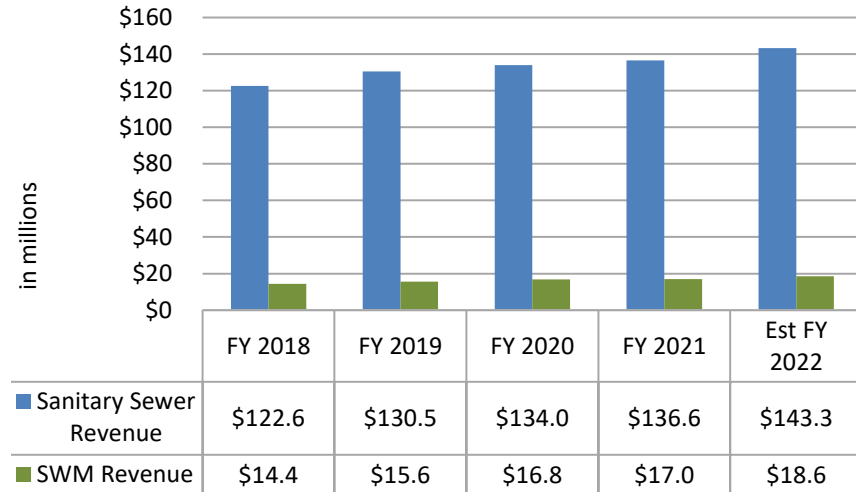
Recent Fiscal Trends

Key sources of funds for Clean Water Services (CWS) include sanitary sewer revenues, surface water management service revenues, and System Development Charges (SDCs). In developing financial plans, staff reviews local economic data as well as the history of these key revenues to identify trends that might be useful in formulating assumptions for the current year budget and for financial forecasts over the next five years. Below are brief historical discussions of the key sources of funds, followed by a more detailed discussion of Fiscal Year (FY) 2022-23 sources of CWS funds. In most cases, the comparative data used is as of FY 2020-21 as audited. The FY 2021-22 information is estimated.

Service Revenue

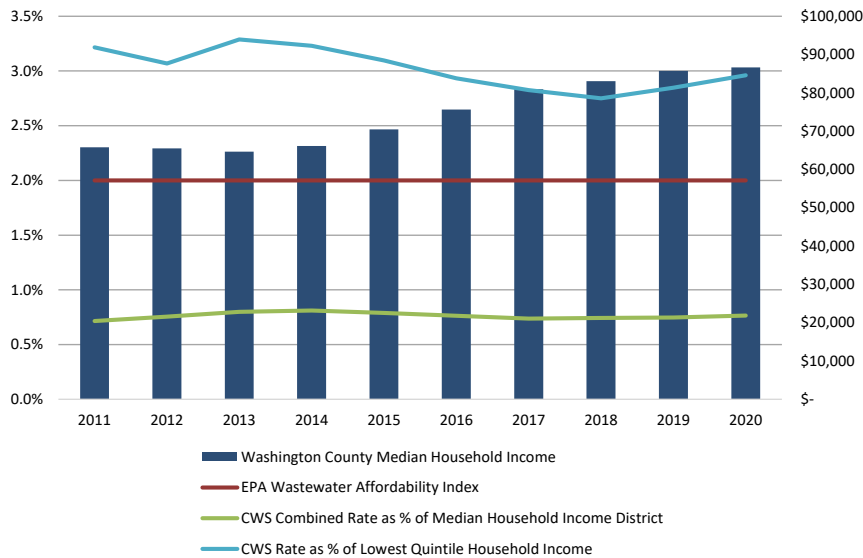
The sanitary sewer revenues, which represent service charges assessed of city and unincorporated area customers, represent the single largest source of operating revenues for CWS. In FY 2020-21, they amounted to \$136.6 million. The surface water management (SWM) revenues, which represent a flat fee assessed on any CWS customer who uses or discharges stormwater to the public storm and surface water systems, amounted to just over \$17 million in FY 2020-21.

**SERVICE ►
REVENUE**
For sanitary
and stormwater
management



CWS increased sanitary sewer rates by 3.0% every year from FY 2014-15 through FY 2019-20. SWM rates remained constant at \$4 per month per Equivalent Service Unit (ESU) through FY 2008-09. They increased \$0.25 per ESU in FY 2009-10 and \$0.50 per ESU each year from FY 2012-13 through FY 2019-20. In FY 2020-21, CWS did not increase rates due to the financial stress many households and businesses felt from the COVID-19 pandemic. FY 2021-22 sanitary sewer rates increased 4.5% and SWM rates increased \$0.50 per ESU.

CWS follows the Environmental Protection Agency's (EPA) criteria for reasonable rates to monitor the combined sanitary sewer and surface water management average annual rate as a percentage of median household income. The EPA criteria is based on a median household income affordability index, which states if the sanitary sewer rate is less than 1% of median household income it is considered to be a low burden to the ratepayer, while greater than 2% is considered a medium burden. The following chart reflects CWS' rate as a percentage of Washington County's median household income for the past 10 years.



◀ CWS RATES

As percentage of Washington County median household income for past 10 years

SOURCE:
U.S. CENSUS BUREAU

CWS rates have been less than 1% of the county's median household income during this time frame. This indicator is well within the EPA's 2% criteria for affordability, but the lowest quintile of county households trends closer to 3%.

Population and economic trends are also used in estimating future revenues. Sanitary sewer revenues are largely affected by land and housing development stemming from population growth. As shown in the following table, the county's population has increased by approximately 9% since 2013, and state economists expect that trend to continue in Washington County over the next 10 years.

Year	Population (estimated)	Personal Income (in thousands)	Per Capita Income	Unemployment Rate
2022	605,036	n/a	n/a	3.1%
2021	*600,895	n/a	n/a	4.4%
2020	603,514	\$ 40,333,177	\$ 66,831	6.5%
2019	600,933	\$ 38,114,149	\$ 63,425	3.1%
2018	597,030	\$ 36,418,083	\$ 60,999	3.4%
2017	591,969	\$ 34,039,632	\$ 57,502	3.5%
2016	585,358	\$ 31,920,648	\$ 54,532	4.1%
2015	572,955	\$ 30,564,330	\$ 53,345	4.7%
2014	562,552	\$ 28,206,372	\$ 50,140	5.6%
2013	555,443	\$ 25,791,604	\$ 46,434	6.3%

*recalibration based upon 2020 census

◀ WASHINGTON COUNTY DEMOGRAPHIC STATISTICS FOR PAST 10 YEARS

As of March 31, 2022

The largest threat to sanitary sewer revenues would be a slowdown in the region's economy and subsequent residential housing occupancy. The last economic slowdown did not significantly impact service revenues received from existing residences. Population growth and retainage remain strong in Washington County. CWS will continue to monitor economic conditions and revenues received as a result of the COVID-19 pandemic and adjust projected expenses accordingly. Over a longer term, reserve funds could be used to maintain service levels as needed and programs would be evaluated for efficacy based on the changes in demand. As the chart below indicates, the 10 largest ratepayers account for 10.72% of CWS' FY 2020-21 rate income. This indicates that the business risk of any single customer having a significant direct impact on revenue projections is relatively small.

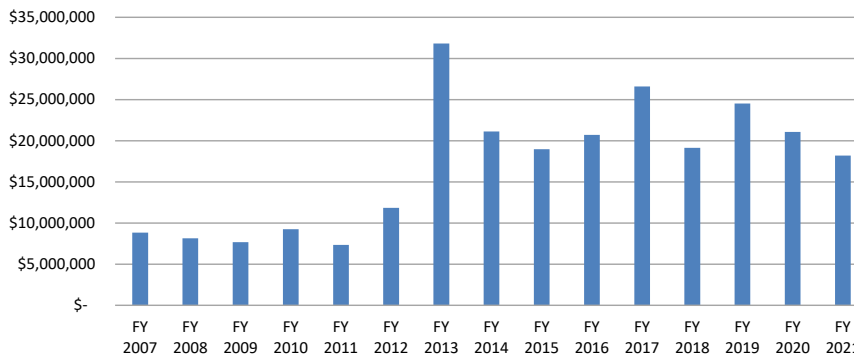
**10 LARGEST ►
INDIVIDUAL
RATEPAYERS**

<u>Customer</u>	Fiscal Year 2021	
	<u>Amount</u>	<u>%</u>
Intel Corporation - Ronler Acres & Aloha Campus	\$ 9,623,759	7.18%
Pacific Foods of Oregon	836,162	0.62%
Maxim Integrated Products	766,324	0.57%
Jireh Semiconductor, Inc.	750,217	0.56%
Resers Fine Foods - Century Blvd Plant	718,819	0.54%
Old Trapper Smoked Products	489,649	0.37%
Providence Health Systems - St. Vincent	470,055	0.35%
Heritage Village Mobile Home Park	245,588	0.18%
Nike Inc.	248,138	0.19%
TTM Technologies North America, LLC	227,154	0.17%
SUBTOTAL (10 largest ratepayers)	14,375,865	10.72%
Balance from other customers	119,669,008	89.28%
Grand Total	<u>\$ 134,044,873</u>	<u>100.00%</u>

System Development Charges

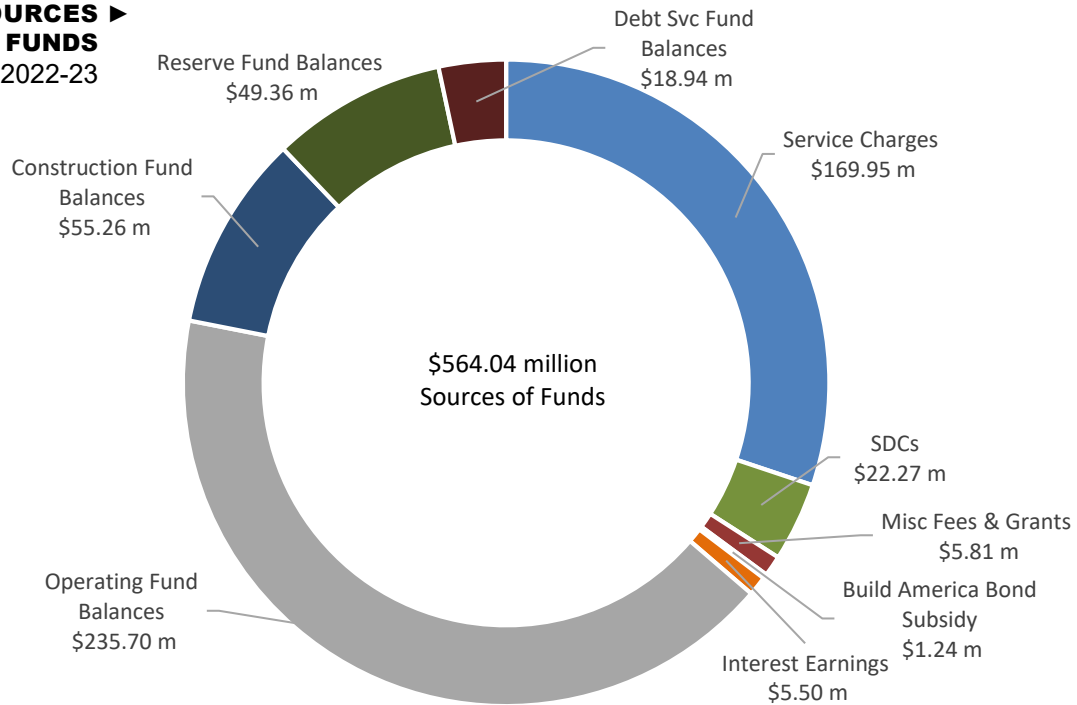
The second largest source of revenue is SDCs, one-time assessments charged when customers connect to the CWS system. These revenues totaled just over \$18.2 million in FY 2020-21.

As evidenced by large swings from one year to the next, SDC revenues are not predictable and can be influenced by a few major developments, particularly development by large multifamily, commercial, or industrial customers.



◀ **SYSTEM
DEVELOPMENT
CHARGES**
in millions

**SOURCES
OF FUNDS**
FY 2022-23



FY 2022-23 Sources of Funds

On a current year basis, resources for Clean Water Services to provide services and carry out other responsibilities are derived primarily from beginning fund balances and current operating and nonoperating revenues. The beginning fund balance consists of estimated balances carried forward from previous fiscal years and the required bond reserve amounts. Current revenues are those earned during the fiscal year from CWS operations, such as service charges, or received from other sources, such as SDCs, interest earnings, various fees, and project reimbursements.

Current Revenues

Current revenues or resources CWS earns during the year account for \$204.8 million, or about 36% of total resources expected in FY 2022-23. The principal sources of current revenues are sanitary sewer and SWM charges, which are labeled Service Charges in the donut chart. These two sources account for \$169.9 million, or 83% of CWS' total current revenues. The other major sources are SDCs, grants, contributions and assessments, Build America Bond subsidy, and interest earnings.

Service Charges

Based on trend analysis, sanitary sewer service charges are estimated at \$150.4 million and SWM charges are estimated at \$19.5 million. A 4% rate increase for both sanitary sewer and SWM

service charges are built into the revenue estimates along with a modest growth factor. These sanitary sewer and SWM rate increases will add an estimated \$2.29 per month to the typical residential customer's combined bill.

System Development Charges

The second largest source of current revenues, SDCs, amounts to just under \$22.3 million, or 10.9% of total current revenues.

The sanitary sewer SDC is designed to recognize the cost of growth and consists of an assessment for the share of costs related to new capacity and performance improvements, as well as an assessment to share cost burdens with existing customers for collection and treatment systems already built. CWS customers are assessed this one-time SDC when they connect to the sanitary sewer system.

This budget reflects an increase in the sanitary sewer SDC to \$6,625 for FY 2022-23, which is a \$540 increase from FY 2021-22.

The surface water management SDC is a one-time charge designed to recover the cost of surface water management improvements. The SWM SDC will increase from \$585 to \$641 per Equivalent Service Unit.

Revenues from both SDCs are dedicated to capital projects and payment of bonded debt service, per Oregon Revised Statutes (ORS 223.302).

Miscellaneous Fees, Grants, and Other Revenues

The remaining current revenues are composed of grants, contributions and assessments, Build America Bond subsidy, interest earnings, and miscellaneous fees accounting for approximately \$12.5 million or 6.1% of total current revenues.

Combined Beginning Fund Balances

The beginning fund balances for all funds combined consist of unused revenues carried forward from prior fiscal years. In FY 2022-23, these combined balances account for just under \$359.3 million, or 63.7% of the total \$564.0 million in budgeted CWS resources. Approximately \$5.8 million of this fund balance is held in reserve pursuant to debt service requirements, just under \$30.5 million is held in reserve in SDC capital reserve funds.

USES OF CWS FUNDS

Recent Fiscal Trends

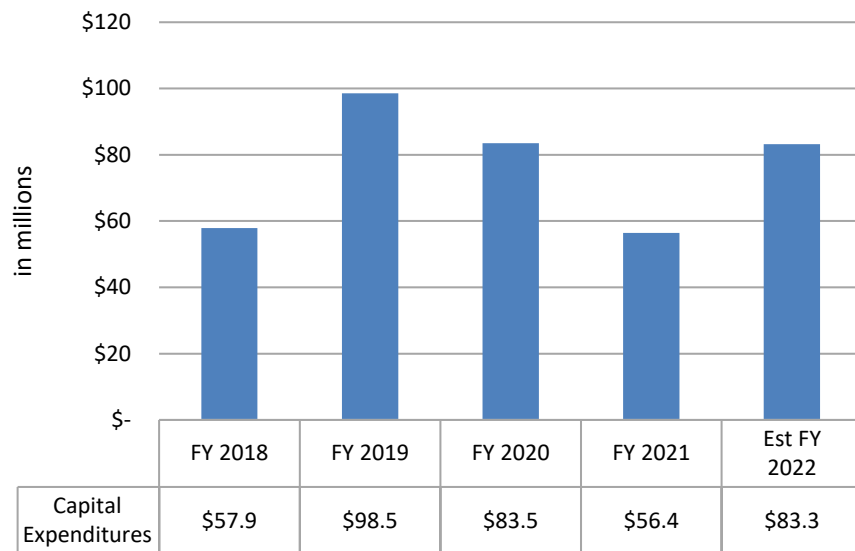
Due to substantial infrastructure needs, capital improvements remain one of CWS' largest expenditures. In developing financial plans, staff reviews historical spending trends and anticipated capital needs in the Capital Improvement Program (CIP) to formulate assumptions for the current year budget and financial forecasts over the next five years. Below are brief descriptions of key expenditure categories, followed by more detailed discussions of FY 2022-23 uses of CWS funds.

Capital Expenditures

CWS allocates a large portion of its budget to capital improvements that are needed to meet water quality standards and satisfy the sanitary sewer and surface water management needs of a growing customer base. The routine replacement of vehicles, heavy equipment, information systems, and wastewater treatment and conveyance equipment, is also included in capital expenditures. In FY 2020-21, CWS spent about \$56.4 million, or 36.4% of total current expenditures, on capital improvements.

CAPITAL EXPENDITURES ►

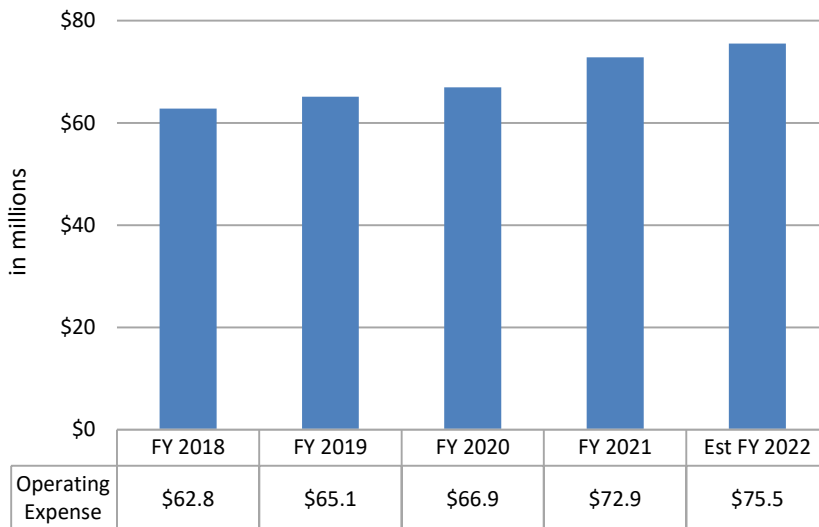
CWS spending is projected to increase in FY 2022-23 from pandemic levels of the previous year



Operating Expense

Another significant expenditure type for Clean Water Services is operating expense. The biggest portion of operating expense is for personnel services, which includes salaries and fringe benefits. In FY 2020-21, CWS spent \$72.9 million, or 47% of total current expenditures, on operating expenses.

Over the five-year period from FY 2017-18 through FY 2021-22, operating expense has grown an average of 5% annually. The biggest drivers of cost increases have been rising utility and chemical costs, along with the increasing cost of wages and benefits for personnel. During this period, CWS added 78 full-time equivalent (FTE), which contributed to the increasing personnel costs.



◀ OPERATING EXPENSES

Utility and chemical costs contribute to cost increases

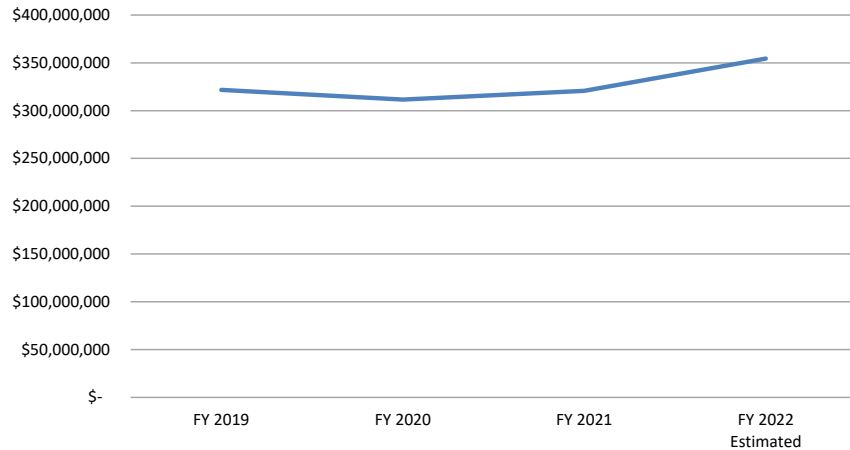
Combined Ending Fund Balances

The ending fund balance for all funds combined includes unrestricted operating cash reserves for sanitary sewer and stormwater operations, capital construction reserves, pension liability reserves, self-insurance reserves, and restricted reserves for debt service and sanitary sewer and stormwater SDCs for capacity enhancing improvements to the systems.

CWS uses unrestricted operating cash reserves to finance capital improvements, maintain existing systems, and provide reserves for working capital needs.

The restricted reserves can only be used to fund capital construction or debt service payments. These funds are not available to meet daily operating cash needs.

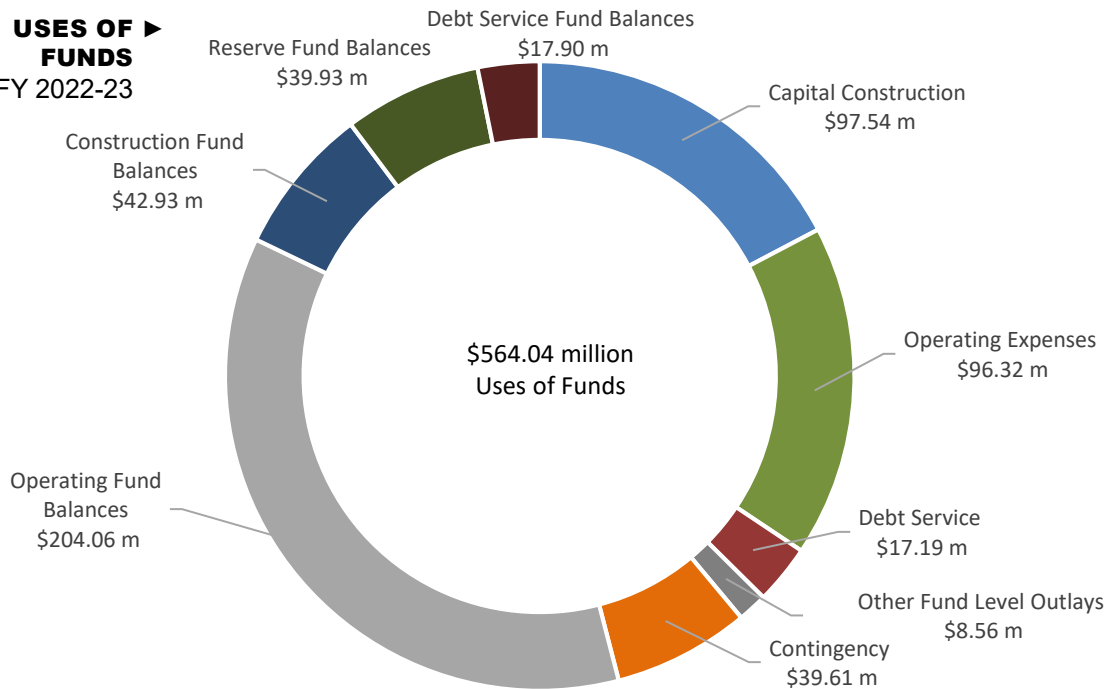
**COMBINED ►
ENDING FUND
BALANCES**



FY 2022-23 Uses of Funds

Clean Water Services uses resources to provide sanitary sewer and surface water management services to its customers. Ending fund balances are resources that are not spent during the year but are carried over to subsequent years.

**USES OF ►
FUNDS
FY 2022-23**



Current Expenditures

Current expenditures are funds that are budgeted for the 2022-23 fiscal year including, among others, payments to construction contractors, wages and benefits to employees, and principal and interest on borrowed monies. Current expenditures estimated for FY 2022-23 amount to approximately \$219.6 million. The major categories of current expenditures are described below.

Capital Outlay and Projects

One of the largest expenditures is for capital projects, which amounts to \$97.5 million or 44.4% of current expenditures.

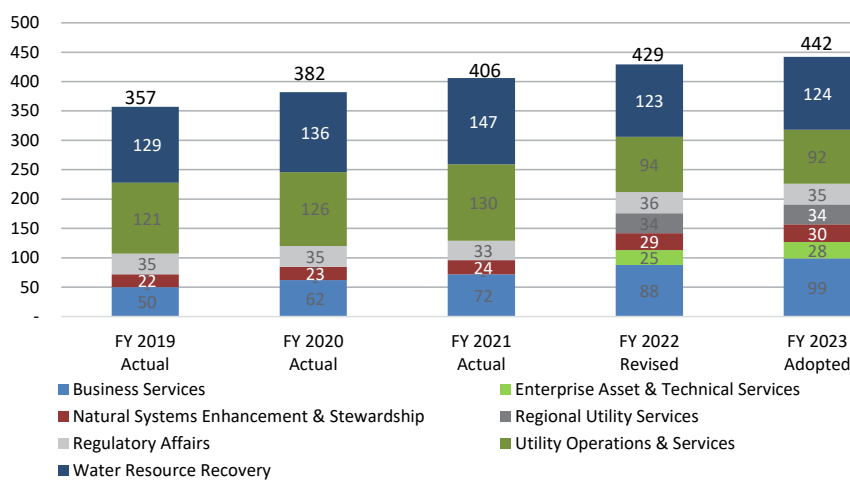
Clean Water Services allocates a large portion of its budget to capital improvements needed to meet water quality and quantity standards and to satisfy the sanitary sewer and surface water management needs of a growing customer base. Brief descriptions of major capital projects are presented in the Capital Projects Overview section beginning on page 85. The index listing all projects is included in the appendix.

Debt Service

Debt service for construction of CWS facilities and other capital improvements as well as pension obligations is expected to amount to \$17.2 million in FY 2022-23, or 7.8% of total current expenditures. Debt service represents the repayment of principal and interest costs on bonds issued to finance construction projects and other major capital assets and cover pension liability costs. Borrowing allows CWS to spread the costs of a capital project over the life of the asset and thereby avoid sharp increases in rates.

Personnel Services

CWS expects to spend \$59.7 million in FY 2022-23 on salaries and associated fringe benefits for its employees. Total personnel services costs represent about 27.2% of total current expenditures. The number of FTE positions is increasing by 13 to 442 FTE from the FY 2021-22 Revised Budget of 429 FTE. Staff will prioritize and sequence hiring for all current vacancies and new positions. The following graph indicates the staffing trends over the past five years.



◀ **CWS FTE COUNTS**
FY 2018-19
through
FY 2022-23

Materials and Services

CWS expects to spend \$36.7 million on departmental materials and services in FY 2022-23. This represents approximately 16.7% of total current expenditures. The single largest cost in this category is for chemicals, which account for about \$4.4 million or 11.9% of total materials and services. The second largest materials and services costs are contracted services at \$4.3 million and other government services at just under \$4.1 million.

Combined Ending Fund Balances and Contingencies

At the close of the fiscal year, funds remaining constitute the ending fund balance. The ending fund balance is estimated for FY 2022-23 at just over \$344.4 million, including \$39.6 million that CWS will set aside in fiscal 2022-23 for operating contingency in the event of significant unexpected or unforeseen costs. Clean Water Services maintains minimum contingencies at 10% of total budgeted expenditures in the General Fund and 5% of total expenditures in each of the CWS operating and construction funds.

The unappropriated ending fund balance also includes restricted funds of approximately \$5.8 million for future debt principal and interest payments and \$22.6 million for sanitary sewer and SWM System Development Charges restricted for use on capacity enhancing projects.

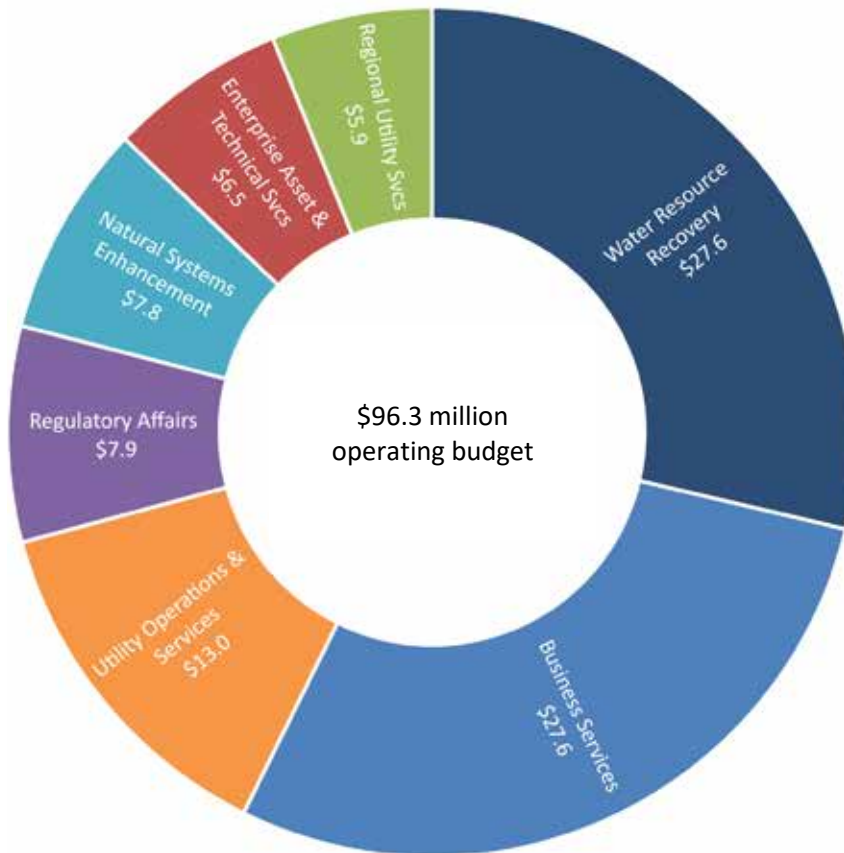
CWS maintains additional reserves of approximately \$276.4 million:

- To absorb short-term revenue losses from fluctuations in demand for service or loss of significant customers.
- Allocations for short-term and long-term PERS cost stabilization.
- Saving for large capital investments to stabilize future impact on rates.
- To pay for unexpected and extraordinary operating expenses driven by unforeseen changes in regulations, major asset replacements, additional major infrastructure investments to meet capacity needs, unexpected fluctuations in commodities pricing (chemicals, fuel, electricity, insurance premiums), and emergency response to infrastructure damage caused by natural disasters.

DEPARTMENTAL SUMMARIES

Expenditures for the seven CWS departments are budgeted to increase by 5.7% in FY 2022-23.

A detailed summary of positions by department and program is available on page 79. Summaries of these costs as well as any significant changes within departments are detailed on the next pages.



◀ **DEPARTMENTAL EXPENSES**
FY 2022-23,
in millions



Business Services

Business Services (BSD) is composed of the administrative programs that support CWS operations and services provided to customers — Office of the Chief Executive Officer, Business Opportunities & Operations, Communications & Community Engagement, Digital Solutions, Finance & Accounting, Human Resources, Legal Services, Research & Innovation, and Risk & Insurance Management.

Two programs are being added in FY 2022-23: Administrative Services and Culture, Equity & Learning. Financial Strategy & Performance Management will be merged with Business Strategy & Performance Management, and the program will be renamed Strategy Development & Enterprise Performance Management.

The FY 2022-23 budget includes the addition of 11 FTE as compared to the FY 2021-22 Revised Budget. Three FTE are new positions, 10 are transfers in from other departments to support operational structure changes, and two are transfers out of BSD to Enterprise Asset & Technical Services. These positions are described in detail in the departmental summary beginning on page 123.

BUSINESS SERVICES ▼

	FY 2020	FY 2021	FY 2022	FY 2023	Change from
	ACTUAL	ACTUAL	REVISED	ADOPTED	FY 22
Expenditure Summary					Budget
Departmental Expenses					
Personnel Services	\$ 8,582,349	\$ 10,730,838	\$ 14,829,700	\$ 16,123,200	9%
Materials & Services	6,121,683	6,888,140	8,797,000	11,495,600	31%
TOTAL DEPARTMENTAL BUDGET	\$ 14,704,032	\$ 17,618,978	\$ 23,626,700	\$ 27,618,800	17%
 FTEs	 62.00	 72.00	 88.00	 99.00	



Enterprise Asset & Technical Services

Enterprise Asset & Technical Services (EATS) manages assets; plans and implements asset replacement and renewal projects; provides technical mechanical, electrical, and instrumentation engineering to support CWS operations and maintenance activities; designs systems; conducts construction inspections; directs commissions and start-ups; programs and maintains systems for process controls and automation; and manages the maintenance and services for all CWS buildings and facilities. To provide these services the department is organized into five groups: Administration, Asset Management, Technical Support, Control & Automation, and new this year – Safety. These groups are responsible for extending the useful life of assets, optimizing treatment processes and operations, and improving the efficiency and effectiveness of maintenance.

The FY 2022-23 EATS budget includes three additional FTE as compared to the FY 2021-22 Revised Budget. One is a conversion of a temporary FTE to regular full time; two are transfers of existing FTE from Business Services. These positions are described in detail in the departmental summary beginning on page 163.

ENTERPRISE ASSET & TECHNICAL SERVICES ▼

Expenditure Summary	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY 22 Budget
Departmental Expenses					
Personnel Services	\$ -	\$ -	\$ 3,924,100	\$ 4,186,300	7%
Materials & Services	-	-	1,818,900	2,322,500	28%
TOTAL DEPARTMENTAL BUDGET	\$ -	\$ -	\$ 5,743,000	\$ 6,508,800	13%
FTEs	0.00	0.00	25.00	28.00	



Natural Systems Enhancement & Stewardship

Natural Systems Enhancement and Stewardship (NSES) is responsible for the planning, design, implementation, operations, maintenance, and stewardship of a vast network of natural systems, including streams, wetlands, and forests. The work NSES performs enables CWS to achieve watershed-scale ecological improvements by implementing collaborative conservation strategies and catalyzing transformative partnerships. NSES staff members work on hundreds of sites throughout the county managing native vegetation enhancement, conducting design, obtaining environmental permits, and overseeing construction of enhancement projects. The department includes Administration, Landscape Strategies, Project Delivery, and Stewardship.

The FY 2022-23 budget includes one new FTE as compared to the FY 2021-22 Revised Budget. The new position is described in detail in the departmental summary beginning on page 189.

NATURAL SYSTEMS ENHANCEMENT & STEWARDSHIP ▼

	FY 2020	FY 2021	FY 2022	FY 2023	Change from
	ACTUAL	ACTUAL	REVISED	ADOPTED	FY 22
Expenditure Summary					Budget
Departmental Expenses					
Personnel Services	\$ 2,064,911	\$ 2,539,090	\$ 3,812,000	\$ 4,195,400	10%
Materials & Services	2,083,752	2,051,115	3,589,400	3,632,300	1%
TOTAL DEPARTMENTAL BUDGET	\$ 4,148,663	\$ 4,590,205	\$ 7,401,400	\$ 7,827,700	6%
FTEs	23.00	24.00	29.00	30.00	



Regional Utility Services

Regional Utility Services (RUSD) is responsible for customer relations, economic development and community planning, and utility intergovernmental relations. Staff in these programs manage and administer CWS' intergovernmental agreements with its co-implementing cities, Washington County, City of Portland and other partners; develop the policies and standards for new development; and build transformative relationships with land use and community development, public works, and engineering programs at partner agencies. The department manages private development permitting, environmental and engineering design plan review, and construction oversight. RUSD consists of Administration, Development Services, and Systems Planning.

There are no changes to the number of FTE in the FY 2022-23 budget as compared to the FY 2021-22 Revised Budget. There are three new FTE, and three FTE will transfer to Business Services. The new positions are described in detail in the departmental summary beginning on page 209.

REGIONAL UTILITIES SERVICES ▼

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY 22 Budget
Expenditure Summary					
Departmental Expenses					
Personnel Services	\$ -	\$ -	\$ 4,926,300	\$ 4,992,300	1%
Materials & Services	-	-	1,160,300	865,800	-25%
TOTAL DEPARTMENTAL BUDGET	\$ -	\$ -	\$ 6,086,600	\$ 5,858,100	-4%
FTEs	0.00	0.00	34.00	34.00	



Regulatory Affairs

Regulatory Affairs (RAD) conducts research and analyzes water quality data, updates the Tualatin Total Maximum Daily Loads (TMDL), performs compliance and monitoring, and provides input on the development of state and federal regulations. RAD includes Administration, which handles compliance services, Environmental Services, and Laboratory Services.

The FY 2022-23 budget includes the overall reduction of one FTE as compared to the FY 2021-22 Revised Budget. There is one new FTE and two FTE will transfer to Business Services. Position changes are described in detail in the departmental summary beginning on page 223.

REGULATORY AFFAIRS ▼

	FY 2020	FY 2021	FY 2022	FY 2023	Change from
	ACTUAL	ACTUAL	REVISED	ADOPTED	FY 22 Budget
Expenditure Summary					
Departmental Expenses					
Personnel Services	\$ 4,436,752	\$ 3,930,362	\$ 5,048,900	\$ 5,131,800	2%
Materials & Services	1,860,949	2,077,089	2,370,500	2,736,900	15%
TOTAL DEPARTMENTAL BUDGET	\$ 6,297,701	\$ 6,007,451	\$ 7,419,400	\$ 7,868,700	6%
FTEs	35.00	33.00	36.00	35.00	



Utility Operations & Services

Utility Operations & Services (UOPS) is responsible for the planning, design, construction oversight, operations, and maintenance of CWS' surface water and sanitary conveyance systems. The department includes Administration, Conveyance Engineering Services, and Field Operations.

The FY 2022-23 budget includes an overall reduction of two FTE as compared to the FY 2021-22 Revised Budget. There is one new FTE, and three FTE will transfer to Business Services. Position changes are described in detail in the departmental summary beginning on page 239.

UTILITY OPERATIONS & SERVICES ▼

	FY 2020	FY 2021	FY 2022	FY 2023	Change from
	ACTUAL	ACTUAL	REVISED	ADOPTED	FY 22
Expenditure Summary					Budget
Departmental Expenses					
Personnel Services	\$ 12,146,362	\$ 13,179,228	\$ 10,767,400	\$ 10,538,400	-2.1%
Materials & Services	3,993,664	3,472,705	2,480,000	2,460,800	-0.8%
TOTAL DEPARTMENTAL BUDGET	\$ 16,140,026	\$ 16,651,933	\$ 13,247,400	\$ 12,999,200	-1.9%
FTEs	126.00	130.00	94.00	92.00	



Water Resource Recovery Operations & Services

Water Resource Recovery Operations & Services (WRRD) provides operation, maintenance, and engineering for the four CWS water resource recovery facilities and 44 pump stations. More than 66 million gallons of wastewater per day, on average, are pumped and treated to some of the highest standards in the nation. The water is then returned to the environment in the Tualatin River or reused for irrigation on golf courses, parks, and sports fields. Solids removed from the wastewater are processed and used as soil amendments on farm land and nutrients are recovered and sold as a premium fertilizer. Digester gas produced in processing the solids is the fuel for cogeneration systems that offset some of the electrical and natural gas energy used by the facilities.

The department is organized into five operating programs that deliver on the core functions of conveying and treating wastewater: Durham; Rock Creek; Hillsboro/Forest Grove; Pump Stations; and Biosolids, Reuse & Fernhill. Two programs support the operating groups: Treatment Plant Services and Administration.

The FY 2022-23 budget includes one additional FTE as compared to the FY 2021-22 Revised Budget. There are three new FTE, and two FTE will transfer to Business Services. Position changes are described in detail in the departmental summary beginning on page 277.

WATER RESOURCE RECOVERY OPERATIONS & SERVICES ▼

	FY 2020	FY 2021	FY 2022	FY 2023	Change from
	ACTUAL	ACTUAL	REVISED	ADOPTED	FY 22
Expenditure Summary					Budget
Departmental Expenses					
Personnel Services	\$ 13,366,270	\$ 15,212,275	\$ 14,319,300	\$ 14,490,800	1%
Materials & Services	12,280,834	12,769,287	13,283,300	13,151,900	-1%
TOTAL DEPARTMENTAL BUDGET	\$ 25,647,104	\$ 27,981,562	\$ 27,602,600	\$ 27,642,700	0%
FTEs	136.00	147.00	123.00	124.00	

CWS SUMMARY OF POSITIONS

	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	FY 2023 PERSONNEL SERVICES
Business Services Department					
Office of the CEO - 8101	6.00	4.00	6.00	6.00	\$ 1,877,600
Administrative Services - 8116	0.00	0.00	0.00	11.00	1,184,400
Business Opportunities & Operations - 8503	0.00	0.00	8.00	8.00	1,017,300
Communications & Community Engagement - 8112	0.00	10.00	12.00	12.00	1,725,000
Culture, Equity & Learning - 8114	0.00	0.00	0.00	2.00	340,000
Digital Solutions - 8305	15.00	16.00	17.00	17.00	3,067,600
Finance & Accounting - 8504	15.00	17.00	15.00	16.00	2,337,400
Human Resources - 8501	6.00	5.50	6.00	8.00	1,390,900
Legal Services - 8102	3.00	3.00	3.00	3.00	641,300
Research & Innovation - 8113	0.00	6.00	8.00	7.00	861,000
Risk & Insurance Management - 8502	3.00	3.50	5.00	2.00	343,800
Strategy Dev & Enterprise Performance Mgmt- 8500	4.00	2.00	2.00	7.00	1,336,900
Financial Strategy & Performance Management - 8600	0.00	0.00	2.00	0.00	-
Government Affairs - 8110	10.00	5.00	4.00	0.00	-
	62.00	72.00	88.00	99.00	\$ 16,123,200
Enterprise Asset & Technical Services					
Administration - 8364	0.00	0.00	5.00	4.00	\$ 694,300
Asset Management - 8362	0.00	0.00	8.00	14.00	2,022,500
Control Systems - 8353	0.00	0.00	3.00	3.00	512,400
Safety Program - 8365	0.00	0.00	0.00	2.00	299,400
Technical Support - 8363	0.00	0.00	5.00	5.00	657,700
Facilities	0.00	0.00	4.00	0.00	-
	0.00	0.00	25.00	28.00	\$ 4,186,300
Natural Systems Enhancement & Stewardship					
Administration - 8233	2.25	2.25	2.00	5.00	\$ 996,700
Landscape Strategies - 8236	0.00	0.00	10.50	10.00	1,265,300
Project Delivery - 8237	0.00	0.00	12.25	10.50	1,173,800
Stewardship - 8238	0.00	0.00	4.25	4.50	759,600
Operations - 8234	20.75	21.75	0.00	0.00	-
	23.00	24.00	29.00	30.00	\$ 4,195,400
Regional Utility Services Department					
Administration - 8201	0.00	0.00	5.00	2.00	\$ 510,700
Development Services - 8225	0.00	0.00	23.50	27.00	3,782,200
Systems Planning - 8226	0.00	0.00	5.50	5.00	699,400
	0.00	0.00	34.00	34.00	\$ 4,992,300
Regulatory Affairs Department					
Administration - 8210	9.00	7.00	8.00	6.00	\$ 1,203,800
Environmental Services - 8212	8.00	8.00	8.00	9.00	1,282,400
Laboratory Services - 8232	18.00	18.00	20.00	20.00	2,645,600
	35.00	33.00	36.00	35.00	\$ 5,131,800
Utility Operations & Services Department					
Administration - 8370	5.00	7.00	10.00	9.00	\$ 1,626,600
Conveyance Engineering - 8224	18.00	18.00	15.00	14.00	1,082,700
Field Ops Systems Repair - 8371	14.00	14.00	14.00	15.00	1,278,000
Field Ops Systems Maintenance - 8373	15.00	15.00	15.00	15.00	1,879,200
Field Ops TV/Flow Monitoring - 8375	14.00	13.00	13.00	13.00	1,591,900
Local Repair & Construction - 8380	11.00	11.00	11.00	10.00	1,226,500
SWM Facility Maintenance - 8383	16.00	16.00	16.00	16.00	1,853,500
Administration - 8201	5.00	6.00	0.00	0.00	-
Engineering Development Related Services - 8225	22.00	17.00	0.00	0.00	-
Engineering Systems Delivery Planning - 8226	4.00	11.00	0.00	0.00	-
Building Maintenance - ABC Building - 8507	2.00	2.00	0.00	0.00	-
	126.00	130.00	94.00	92.00	\$ 10,538,400
Water Resource Recovery Operations & Services Department					
Administration - 8301	12.00	15.00	9.00	7.00	\$ 1,338,100
Biosolids/Reuse/Fernhill - 8331	2.00	3.00	4.00	4.00	357,600
Durham Operations - 8311	16.00	17.00	17.00	17.00	2,355,100
Durham E&I Maintenance - 8351	8.50	8.50	8.00	8.00	993,000
Durham Mechanical Maintenance - 8361	11.50	10.00	11.00	11.00	1,318,000
Forest Grove Operations & Maintenance - 8315	6.00	8.00	6.50	7.50	1,097,300
Hillsboro Operations & Maintenance - 8314	5.00	4.00	5.50	5.50	737,900
Pump Stations - 8343	8.00	8.00	8.00	8.00	1,093,700
Rock Creek Operations - 8312	16.00	16.00	16.00	17.00	2,261,100
Rock Creek E&I Maintenance - 8352	8.50	8.50	8.00	8.00	1,040,800
Rock Creek Mechanical Maintenance - 8344	9.50	10.00	11.00	11.00	1,238,700
Technology Development & Research - 8316	4.00	6.00	6.00	6.00	266,800
TPS Engineering - 8211	13.00	13.00	13.00	14.00	392,700
Asset Management - 8362	9.00	9.00	0.00	0.00	-
Control Systems - 8353	7.00	6.00	0.00	0.00	-
Technical Support - 8363	0.00	5.00	0.00	0.00	-
	136.00	147.00	123.00	124.00	\$ 14,490,800
Total District FTEs and Salary	382.00	406.00	429.00	442.00	\$ 59,658,200



Debt Service

DEBT SERVICE REQUIREMENTS

Clean Water Services (CWS) has a policy of utilizing cash, System Development Charges, and long-term debt as tools to manage the funding requirements of its infrastructure investment strategy. As of June 30, 2022, CWS' long-term indebtedness consists of:

LONG-TERM INDEBTEDNESS ▼ As of June 30, 2022

	Date of Issue	Date of	Amount Issued	June 30, 2022	Debt Service Fiscal 2023	
		Maturity		Principal Outstanding	Principal	Interest
Serial Revenue Bonds						
<u>Senior Lien</u>						
2010B Bonds	4/28/2010	10/1/2035	\$ 90,260,000	\$ 69,055,000	\$ 3,905,000	\$ 3,761,834
2016 Refunding	10/13/2016	10/1/2029	33,225,000	26,705,000	3,515,000	1,247,375
2021 Refunding	7/13/2021	10/1/2032	25,405,000	25,405,000	1,780,000	1,167,750
Total Serial Revenue Bonds				121,165,000	9,200,000	6,176,959
Special Purpose Revenue Bonds						
<u>Pension Bonds</u>	5/27/2004	6/30/2028	15,990,000	9,030,000	1,265,000	549,367
Total Long Term Debt				\$ 130,195,000	\$ 10,465,000	\$ 6,726,326

CWS' legal debt limitation, as defined by Oregon Revised Statutes 451.545, will not exceed 13% of the true cash value of all property by law assessable for state and county purposes within the CWS service district boundaries. The limitation applies to the aggregate of all outstanding General Obligation Bonds. CWS does not have any general obligation debt and hence has not incurred any such debt under the \$17.32 billion debt margin allowed by state law. The table on the next page illustrates the debt margin calculation for the past five years.

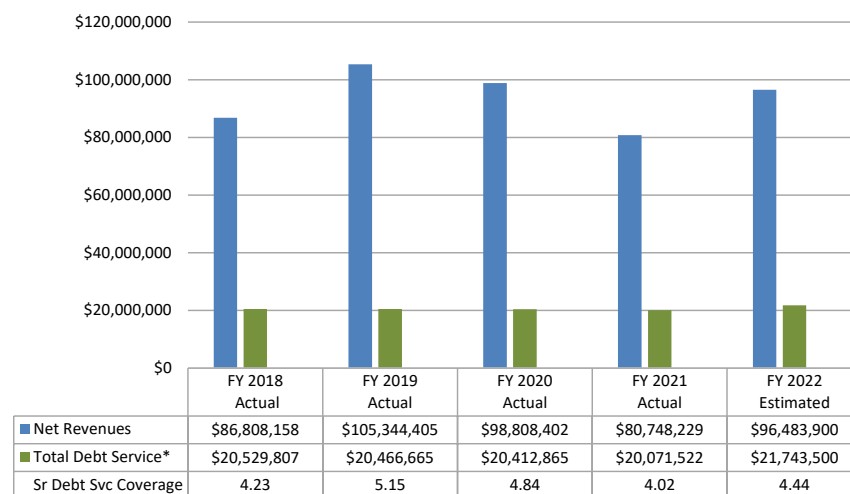
DEBT MARGIN CALCULATION ▼ For past five years

Fiscal Year Ended June 30	Real Market Value	Legal Debt Limitation	General Obligation Indebtedness	Debt Margin
2022	\$ 133,229,780,470	\$ 17,319,871,461	\$ -	\$ 17,319,871,461
2021	128,908,009,365	16,758,041,217	-	16,758,041,217
2020	111,702,863,070	14,521,372,199	-	14,521,372,199
2019	107,044,937,425	13,915,841,865	-	13,915,841,865
2018	103,347,612,510	13,435,189,626	-	13,435,189,626

Clean Water Services is required by its bond documents to generate coverage of at least 120% of the annual debt service on its senior lien bonds and at least 110% on its second lien bonds. Senior lien coverage is calculated as the ratio of net revenues (as defined in the bond documents) to annual senior lien bond debt service. Second lien bond coverage is calculated as the ratio of net revenues, less the annual senior lien bond debt service, to the annual second lien bond debt service. CWS has no subordinate debt outstanding.

DEBT SERVICE ► COVERAGE

Total debt service
is estimated to be
4.44 in FY 2021-22



* Excluding pension bonds not subject to covenants. Pension bond annual debt service is included in operating labor costs for calculation of net revenues to calculate the debt service coverage ratio.

Schedule of Future Debt Service Requirements of Sewer Revenue Bonds

The table below illustrates the debt service requirements based on current outstanding debt.

<u>Fiscal Year</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2023	\$ 10,465,000	\$ 6,726,326	\$ 17,191,326
2024	11,005,000	6,184,288	17,189,288
2025	11,590,000	5,606,990	17,196,990
2026	12,210,000	4,992,615	17,202,615
2027	12,870,000	4,330,687	17,200,687
2028	12,445,000	3,621,612	16,066,612
2029	9,920,000	2,992,187	12,912,187
2030	7,475,000	2,523,191	9,998,191
2031	7,790,000	2,106,183	9,896,183
2032	8,120,000	1,669,071	9,789,071
2033	8,430,000	1,240,826	9,670,826
2034	5,740,000	870,440	6,610,440
2035	5,955,000	531,227	6,486,227
2036	6,180,000	179,251	6,359,251
	<u>\$ 130,195,000</u>	<u>\$ 43,574,894</u>	<u>\$ 173,769,894</u>

◀ **DEBT SERVICE REQUIREMENTS**

Principal and
interest payments
through
FY 2035-36 on
existing debt service
requirements total
\$173,769,894

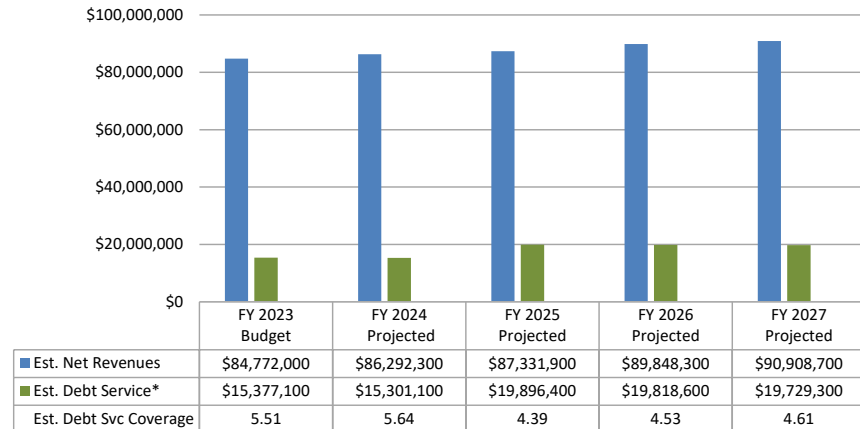
**PROJECTED ►
DEBT SERVICE
COVERAGE**

The estimated debt service coverage is projected to decrease from 5.51 in FY 2022-23 to 4.61 in FY 2026-27

Projected Bond Issues

The number and size of new bond issues for the forecast period is driven by the level of projected capital spending and level of projected operating revenue. In order to responsibly maintain ending reserves and to keep rate increases modest, CWS would need to issue debt in increments driven by increasing capital requirements. To date, CWS has not issued debt for surface water management projects.

The current financial forecast indicates the need to issue approximately \$100 million in bonds in Fiscal Year 2023-24 to help fund sanitary sewer capital projects. However, forecasted capital requirements could be impacted by increased development that will require CWS to accelerate construction of infrastructure to meet system demands and will be adjusted accordingly.



* Excluding pension bonds not subject to covenants. Pension bond annual debt service is included in operating labor costs for calculation of net revenues to calculate the debt service coverage ratio.

Capital Project Summary

Clean Water Services (CWS) develops a five-year Capital Improvement Program (CIP) every year. Each December, division and program managers request new projects and update the status of existing projects. The CWS Business Partners review the projects in the first quarter of each calendar year and recommend a preliminary five-year CIP. The CIP is then analyzed in the context of the 10-year financial plan and projected spending is matched with cash or debt funding, as appropriate. The first year of the CIP is the basis for the budget for the ensuing fiscal year with respect to capital improvements and related professional services. The CIP also has an impact on staffing and materials and services in the operating budget as discussed below. Further information regarding CIP projects can be found on the CWS website: www.cleanwaterservices.org.

Prioritization of Capital Projects

Projects at CWS are largely driven by the need to meet stringent regulatory requirements. Population growth, infrastructure age, and system capacity all impact CWS' ability to meet those requirements. While operating budget impacts are also considered, projects needed to meet regulatory requirements are prioritized.

The impact to the operating budget is assessed secondarily as a part of the project-by-project review of the CIP each year. CWS' operations are large enough that the impact of any one capital improvement project on operating cost is relatively small. In total, however, the impacts can be significant enough to warrant additions to the operating budget. These additions can be partially offset by savings achieved through the use of new capital technology. In addition to considering direct operational budget impacts in project selection, CWS also considers operational efficiencies and long-

term viability of the system to meet growing capacity needs.

Sanitary Sewer CIP

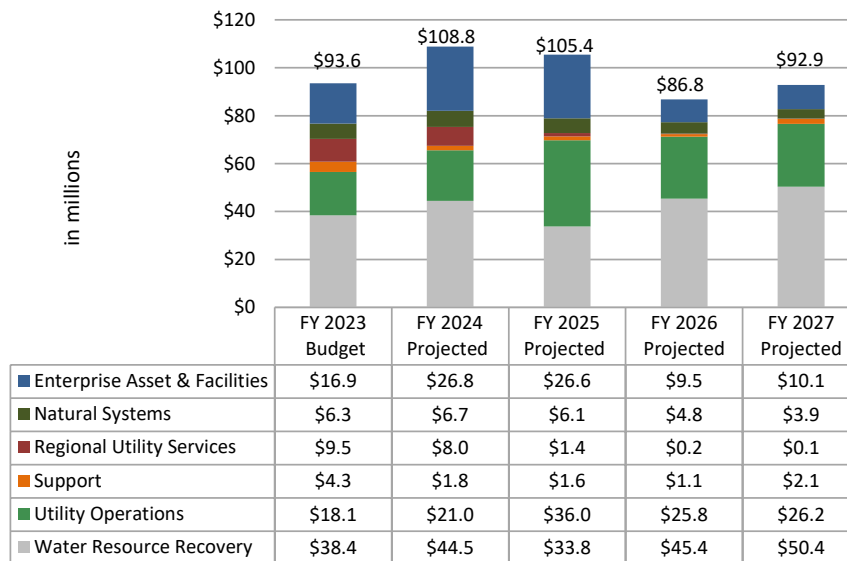
Sanitary sewer systems projects might be needed to increase capacity due to growth or to replace aged or inadequate equipment. These projects tend to lead to staffing additions and generally do not require additions to energy or chemical budgets. Staffing changes connected to the collection system are integrated with the CWS Conveyance System Management Plan, so collection system maintenance is coordinated with co-implementer cities. CWS shares costs with cities and other partners for certain projects.

Capital improvements summarized in the CIP do not include collection system projects wholly designed, managed, and maintained by co-implementer cities. The budget will typically show the gross project costs for projects managed by CWS as an appropriation with any shared cost proceeds received as resources.



MAJOR SANITARY SEWER PROJECTS

The chart below illustrates the projects and corresponding costs by departments for the next five years of the budgeted sanitary CIP:



◀ **SANITARY CIP**
Fiscal Year 2022-23
projected through
FY 2026-27

Fiscal Year 2022-23

Of the \$93.6 million in the FY 2022-23 capital budget for sanitary sewer projects, \$27.2 million, or 29%, is estimated to be spent on the following five projects. A complete project list is located in the Appendix on page 320.

Meriwether Property: \$7.2 million

This project includes purchasing a rural property, the Meriwether Golf Course, and phase 1 improvements. The investment would provide multiple long-term CWS business benefits such as meeting watershed permit requirements, reducing operational costs, and supporting Tree for All large-scale, watershed enhancement activities.

Durham UFAT Expansion: \$7.0 million

This project will rehabilitate the existing Unified Fermentation and Thickening (UFAT) train with new mechanisms and convert the existing WASSTRIP train to a second UFAT train. It also includes a complete retrofit of the sludge tunnel and all associated mechanical piping and equipment. The project will also convert the existing fermenter biofilter to engineered media and expand the treatment capacity to include odors from the solids building, which will allow removal of the aging chemical scrubber in the Solids Building.

Cedar Hills Rehabilitation Phase 3: \$4.6 million

This project will involve rehabilitating approximately 12,500 linear feet of existing mainline sewer within the public right of way and backyard easements and replacing the associated sanitary sewer laterals. Evaluation of the area infrastructure revealed transite pipes, mains constructed on curves, sags in lines, small diameter pipes, and deteriorated backyard sections. Work on the project will include reconstructing the sewer system in the entire neighborhood. Evaluation also identified similar problems in the storm sewer system, which will be addressed separately.

Rock Creek Primary Clarifier #4: \$4.2 million

This liquids treatment process improvement project will provide additional primary treatment and increased wet weather flow capacity. The project is in design for a 140-foot diameter primary clarifier, gallery for primary sludge pumping systems, primary scum pumping systems, odor control improvements, and large diameter primary effluent piping. In addition, the project will include site roadway improvements to accommodate new primary treatment, proposed signalized entry intersection at Witch Hazel and River Road, and a new septage receiving facility. Construction is planned to start in FY 2022-23 with completion in FY 2023-24.

Rock Creek Recycled Water Improvements: \$4.2 million

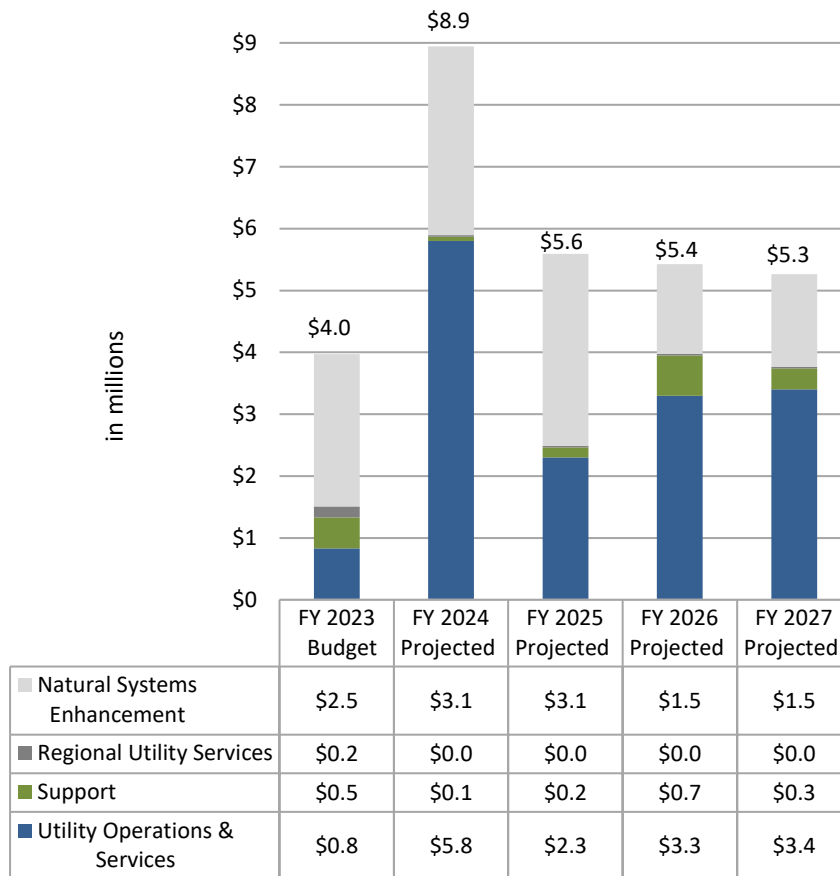
This project will provide improvements to achieve a recycled water system distribution capacity of 7 million gallons per day (MGD) for the 2023 irrigation season with future phased increases up to 15 MDG of recycled water.

The project includes modifications to the Rock Creek tertiary treatment process to produce Class A recycled water, a 7 MGD pump station, and 5,750 linear feet of 18-inch high-density polyethylene pipe.

MAJOR SURFACE WATER MANAGEMENT PROJECTS

The surface water management (SWM) CIP is financed through transfers from the SWM Operating Fund and the SWM Capital Reserve Fund, the latter of which is funded with SWM System Development Charges. Some project costs in the SWM program are shared between CWS and other agencies or are otherwise reduced by grant monies.

Like sanitary collection and rehabilitation projects, SWM capital projects can be labor-intensive and lead to added maintenance costs. The projects generally do not require additions to energy or chemical budgets. Maintenance of the SWM system is a primary driver of staffing decisions in the Field Operations section of the Utilities Operations & Services Department budget.



◀ **SWM CIP**
Fiscal Year 2022-23
projected through
FY 2026-27

Fiscal Year 2022-23

Of the \$4.0 million in the capital budget for surface water management projects, \$2.1 million, or 53%, will be spent on the following five projects. A complete project listing is located in the Appendix on page 333.

Subbasin & Surface Water Planning: \$750,000

This is a placeholder for Subbasin and Surface Water Management Area Planning Projects to reflect budget impacts until actual projects are identified and commence. It represents more planning and design elements in the next few years, with an anticipation of more construction-type projects in FY 2023-24 and beyond. Initial planning will occur in the Preliminary Subbasin and Surface Water Planning Umbrella Project and new planning projects will be rolled out of this placeholder to create capital projects with unique CIP numbers. It may promulgate several studies and investigations of watersheds, develop tools to help assess approaches as well as metrics for adaptive management strategies.

Programmatic Subbasin and Surface Water Planning: \$500,000

This project serves as an umbrella program for the programmatic development of subbasin and surface water management planning strategies. This umbrella program will be used to develop programmatic strategies necessary to support subbasin planning and to provide stream resilience or mitigation efforts to offset the impacts of hydromodification. Potential programmatic efforts may include:

- Developing domain-specific hydromodification management guidance for stream corridor enhancement.
- Developing quantification metrics for hydromodification.
- Creating a sizing tool for Low Impact Development Approaches.
- Creating guidance documents for developers on stormwater management.
- Developing guidance to create integrated subbasin plans including stormwater management and natural system enhancement and stewardship that connects to overall planning efforts for cities and community development.
- Creating a state and federal agency permit compliance tracking tool to account for the creation of credits and debits to hydromodification and buffer requirements.
- Developing an infill development approach.

Sherwood Brookman/Cedar Creek Assessment: \$350,000

As part of a coordinated effort with the Brookman Trunk Sewer Extension Evaluation, this project will evaluate the existing Cedar and Goose creeks corridors to collect data for the Cedar/Chicken Creek subbasin strategy. Opportunities will be sought to implement enhancement actions to the streams, wetland, and riparian corridors to increase resilience and preserve a healthy natural area while minimizing hydromodification impacts.

West Bethany Creek Enhancement: \$307,500

This project is the implementation of a surface water management strategy to incorporate natural features, landscape, and vegetation, and restoration activities with structural surface water practices to achieve surface water management objectives for quantity. The objective of this strategy is to enhance existing natural areas and features by limiting channel and corridor degradation, floodplain disconnection, erosion potential, and hydromodification.

The project area begins at a point where Bethany Creek crosses Northwest Kaiser Road, approximately 450 feet north of Southwest Springville Road and extends westward, downstream, approximately 4,500 linear feet to Bethany Creek's confluence with Springville Creek, approximately 450 feet south of Southwest



Springville Road and 400 feet east of Northwest Samuel Drive. The project area includes Basin 10 as described in the North Bethany Stormwater Implementation Plan and the stream reach outside of the North Bethany Planning area on either side of Northwest Joss Avenue.

The project area is immediately downstream of the Bethany Creek Enhancement project and immediately upstream of the Springville Creek project, effectively providing stream reach scale enhancement and surface water management consistent with the Landscape Conservation Strategy approach.

Wetland Mitigation Monitoring SWM: \$199,100

This project includes enhancement required by environmental permits for various SWM projects after construction and initial planting is completed. Project maintenance varies in duration depending on permit requirements and site conditions and includes invasive species management, inter-planting, and monitoring.

Financial Outlook

Clean Water Services (CWS) has prepared a plan that supports the goal of continued financial health and flexibility. The plan provides background on financial trends, presents 10-year financial forecasts, and defines several strategies that can be implemented to maintain CWS' financial strength.

CWS has a history of sound finances evidenced by strong credit ratings on its bonded indebtedness and healthy unrestricted financial reserves. CWS manages the utility to be competitive with the best in both the private sector and other leading public wastewater and stormwater management agencies. This competitive approach coupled with reasonable, predictable rate increases has led to healthy financial reserves.

STRATEGIES

CWS has crafted financial strategies that will enable timely and effective responses to a variety of economic, operational, and regulatory changes.

1. Keep Rate Increases Reasonable and Predictable

Planning and implementing reasonable and predictable rate increases helps avoid negative ratepayer reaction, especially during uncertain economic times. Moreover, years without rate increases put added pressure on CWS reserve and debt service coverage levels. To address both ratepayer and operational issues, CWS has adopted a policy of reasonable rate increases on a regular basis, if not annually.

2. Maintain Adequate Capacity to Issue Debt

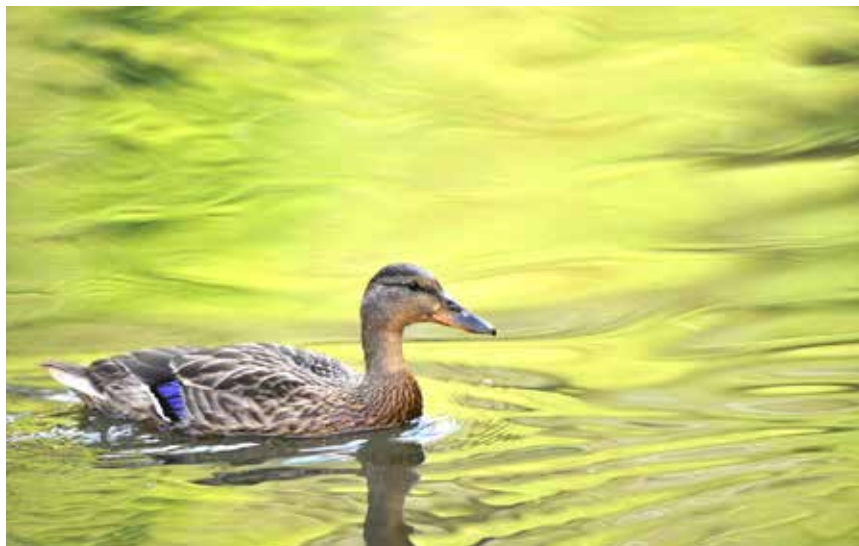
Borrowing is absolutely essential to finance the large capital investments that are necessary to meet regulatory requirements and growth in customer base. To ensure CWS has adequate fiscal capacity to issue debt, CWS maintains coverage ratios far above those set for debt service coverage.

3. Establish and Maintain Appropriate Financial Reserves

Financial reserves are needed to provide working capital, fund operating contingencies, finance future capital replacement, and cover risk management liabilities. In recent years, cash reserves have been sufficiently high to cover all these needs. Specific target amounts have been set for each reserve type so the unrestricted ending fund balances are adequate to meet each of those needs.

4. Adopt Sound Financial Policies

CWS has established financial policies for the major areas of financial management to provide a broad framework within which CWS can make decisions in a financially sound and prudent manner. They are not to be so specific that they constrain management flexibility or prevent efficiency gains. Those policies can be seen elsewhere in the budget document.



FINANCIAL FORECAST ASSUMPTIONS

Although the reliability of financial forecasts declines the longer the planning horizon, the value of forecasts as a policy tool increases as the horizon expands. The longer-range forecast makes it possible to see the range of consequences of various revenue raising and spending decisions years in advance and formulate actions to help attain financial goals.

CWS staff made the following assumptions in developing the 10-year forecast. The base year for the forecast is Fiscal Year (FY) 2021-22 (estimated). The FY 2022-23 budget maintains revenue and expenditure levels in line with the previous fiscal year. Operating costs are proposed to increase 8.4% as compared to the prior year. Major revenues and expenditures for the forecast periods (FY 2023-24 - FY 2030-31) are projected based upon a multiplier of the base year. The multiplier in turn is chosen based upon historical trends or staff's best estimate of future activity for a given revenue or expenditure category.

- **Customer Usage Revenue Growth**

Sanitary sewer charges and other minor service assessments are projected to increase by about 1% annually based on historical trending. The average annual growth in Equivalent Dwelling Units has remained close to 1.5% over the past 10 years.

- **SDC Revenue Growth**

Similar to customer growth, System Development Charge (SDC) revenues are projected to increase by about 1% annually based on historical trends. The forecast includes a planned rate increase of 2.5% annually starting in FY 2023-24 and continuing for the next nine years. This assumption is the most vulnerable to the vagaries associated with SDCs that often are a leading indicator of economic activity, but one that can swing dramatically with the timing of only a few major development projects. A significant drop in development and accompanying SDC revenue will also delay those projects in the CIP necessary to serve the new development.

- **Operating Expense Increases**

Like CWS' largest source of revenue, the assumption for increases in operating expenses relies on historical trends and anticipated impacts in the future. Increases are currently estimated to average 4.5% over the forecast period.

- **Capital Expenditures**

The largest portion of capital expenditures is dedicated to capital projects. CWS uses its Capital Improvement

AAA / Aa1

Credit rating from
Moody's and
Standard & Poor's

Program, which is adopted annually, as the basis for capital expenditures. These projections may be heavily affected by regulatory requirements imposed by the federal and state governments as well as economic conditions.

- **Rate Increases**

Rate increases for the forecast period are derived from all other revenue and spending variables in the forecast, as well as the need to responsibly maintain ending reserves and debt service. CWS will continue to propose reasonable annual rate increases to support upcoming capital spending necessitated by federal and state requirements.

The current forecast for sanitary sewer operations assumes reasonable and predictable rate increases of 4% annually beginning in FY 2022-23. The current forecast for surface water management operations assumes that the rate will increase 4% annually through the same period.

- **Bond Issues**

The number and size of new bond issues for the forecast period is driven primarily by the level of projected capital spending and the level of projected operating revenues and expenditures. For further information refer to the Debt Service Requirements section beginning on page 81.

Funds Summary

RESOURCES & REQUIREMENTS

All Funds Summary | Fund Budget Detail Fiscal Year 2022-23

Service Fund Number	Fund Name	SANITARY SEWER						SURFACE WATER MANAGEMENT					District Total		
		101	102	106	107	108	111	112	114	201	206	207		208	212
Resources:	General Fund		Liability Reserve Fund	Capital Replacement Fund	Capital Reserves Sanitary	LID Construction Sanitary	Master Plan Update Debt Service	Sanitary Sewer Construction	Revenue Pension Bond	SWM Operating	SWM Capital Replacement Fund	Capital Reserves SWM	LID Construction SWM	SWM Construction	
	Beginning fund balance	\$ 204,106,500	\$ 4,941,800	\$ 10,945,500	\$ 27,556,600	\$ 2,831,800	\$ 18,299,800	\$ 45,152,000	\$ 640,400	\$ 31,595,000	\$ 2,983,900	\$ 2,937,100	\$ 625,600	\$ 6,654,600	\$ 359,270,600
	Service charges	150,438,900								19,514,400		56,900			169,953,300
	System development charges (SDCs)				22,211,500										22,268,400
	Plan check fees	224,400								224,400					448,800
	Septage charges	1,339,300													1,339,300
	County/City contract maintenance									350,000					350,000
	Erosion control fees									254,400					254,400
	Grants, contributions, & assessments	300,000				160,900		305,100							460,900
	Reimbursements from developers													200,000	505,100
	Payments from third parties		35,000												35,000
	Insurance & third party reimb		5,600												5,600
	Bond subsidy														
	Miscellaneous	2,033,400					1,241,600	50,000		141,500		182,500			1,241,600
	Interest on investments	3,108,800	73,200	207,600	350,300	31,300	329,600	558,600	10,200	607,600	44,900	56,300	8,700	112,900	5,500,000
Bond sale proceeds															
Subtotal	361,551,300	5,055,600	11,153,100	50,118,400	3,024,000	19,871,000	46,065,700	650,600	52,687,300	3,028,800	3,232,800	634,300	6,967,500	564,040,400	
Transfers IN	14,000,000	-	18,000,000	-	-	13,888,500	75,772,100	1,804,000		-		-	3,075,000	126,539,600	
Total Resources	\$ 375,551,300	\$ 5,055,600	\$ 29,153,100	\$ 50,118,400	\$ 3,024,000	\$ 33,759,500	\$ 121,837,800	\$ 2,454,600	\$ 52,687,300	\$ 3,028,800	\$ 3,232,800	\$ 634,300	\$ 10,042,500	\$ 690,580,000	
Requirements:	Departmental:														
	Business Services Department	\$ 27,618,800													\$ 27,618,800
	Enterprise Asset & Tech Services	6,508,800													6,508,800
	Natural Systems Enhancement	7,827,700													7,827,700
	Regional Utilities Services	5,858,100													5,858,100
	Regulatory Affairs Department	7,868,700													7,868,700
	Utility Operations & Services	12,999,200													12,999,200
	Water Resource Recovery Dept	27,642,700													27,642,700
	Subtotal	96,324,000													96,324,000
	Non-Departmental:														
	Capital construction (CIP)	1,907,400		14,573,600		950,000		76,129,700			334,200		25,000	3,623,800	97,543,700
	Materials & services	6,291,900	890,000	800,000		100,000		100,000	1,265,000	200,000	100,000		25,000	50,000	8,556,900
	Debt service - Principal						9,200,000								10,465,000
	Debt service - Interest						6,177,100		549,400						6,726,500
	Contingency	20,904,700	100,000	3,000,000	1,000,000	500,000	1,050,000	10,500,000	75,000	1,750,000	100,000	30,000	100,000	500,000	39,609,700
Unappropriated ending fund balance	170,319,300	4,065,600	10,779,500	19,457,800	1,474,000	17,332,400	35,108,100	565,200	33,737,300	2,494,600	3,127,800	484,300	5,868,700	304,814,600	
Subtotal	295,747,300	5,055,600	29,153,100	20,457,800	3,024,000	33,759,500	121,837,800	2,454,600	35,687,300	3,028,800	3,157,800	634,300	10,042,500	564,040,400	
Transfers OUT	79,804,000			29,660,600			-		17,000,000	-	75,000		-	126,539,600	
Total Requirements	\$ 375,551,300	\$ 5,055,600	\$ 29,153,100	\$ 50,118,400	\$ 3,024,000	\$ 33,759,500	\$ 121,837,800	\$ 2,454,600	\$ 52,687,300	\$ 3,028,800	\$ 3,232,800	\$ 634,300	\$ 10,042,500	\$ 690,580,000	
Net increase (Decrease) in Fund Balance	\$ (33,787,200)	\$ (876,200)	\$ (166,000)	\$ (8,098,800)	\$ (1,357,800)	\$ (967,400)	\$ (10,043,900)	\$ (75,200)	\$ 2,142,300	\$ (489,300)	\$ 190,700	\$ (141,300)	\$ (785,900)	\$ (54,456,000)	
% Change	-16.6%	-17.7%		-29.4%	-47.9%	-5.3%	-22.2%	-11.7%	6.8%		6.5%	-22.6%	-11.8%	-15.2%	

FUND ACCOUNTING STRUCTURE

FUND TYPE	SPECIFIC FUND TITLE	FUND NUMBER	MAJOR REVENUE SOURCE	MAJOR EXPENSE
Operating Funds	General Fund	101	Service charges	Operations, transfers to fund debt service and construction
	Surface Water Management	201	Service charges	Operations, transfers to fund SWM construction
Construction	Local Improvement Districts (Sanitary)	108	Assessments and loans	Construction projects for benefited properties
	Local Improvement Districts (SWM)	208	Assessments and loans	Construction projects for benefited properties
	Sanitary Sewer Construction Fund	112	Bond proceeds general fund and SDC transfers	Treatment facility projects, conveyance system and support projects
	SWM Projects and Construction	212	SWM operating and SDC transfers	SWM construction
Reserve	Liability	102	General fund	Deductible and claims
	Capital Replacement (Sanitary)	106	General fund	Replacement and renewal of existing assets
	Capital Replacement (SWM)	206	SWM general fund	Replacement and renewal of existing assets
	Capital Reserves Sanitary	107	SDCs	Through fund transfers: debt service and construction
	Capital Reserves Surface Water Management	207	SDCs	Through fund transfers: debt service and construction
Debt	Master Plan Update	111	General fund and SDC transfers	Revenue bond debt
	Revenue Pension Bond Fund	114	General fund transfers	Pension obligation

GENERAL FUND PROGRAM CODES

Department / Division	Program	Department Code	Program Code
Business Services Department	Office of the Chief Executive Officer	010	8101
	Legal Services	010	8102
	Government Affairs	020	8110
	Communications & Community Engagement	020	8112
	Culture, Equity & Learning	020	8114
	Administrative Services	020	8116
	Human Resources	020	8501
	Digital Solutions	020	8305
	Strategy Development & Enterprise Performance Management	050	8500
	Risk & Insurance Management	050	8502
	Business Opportunities & Operations	050	8503
	Finance & Accounting	050	8504
	Research & Innovation	050	8113
Enterprise Asset & Technical Services	Administration	090	8364
	Control Systems	090	8353
	Technical Support	090	8363
	Safety Program	090	8365
	Facilities Division		
	Asset Management	090	8362
	WRRD Facilities	091	8512
	Building Maintenance - Field Operations	091	8508
	Building Maintenance - Materials Handling Yard	091	8509
	Building Maintenance - Tualatin River Farm	091	8510
	Building Maintenance - ripl	091	8511
	Building Maintenance - ABC Building	091	8507
Natural Systems Enhancement & Stewardship	Administration	030	8233
	Landscape Strategies	030	8236
	Project Delivery	030	8237
	Stewardship	030	8238
Regional Utility Services Department	Administration	080	8201
	Development Services	080	8225
	Systems Planning	080	8226
Regulatory Affairs Department	Administration	040	8210
	Environmental Services	040	8212
	Laboratory Services	040	8232
Utility Operations & Services Department	Administration	063	8370
	Conveyance Engineering	062	8224
	Field Operations Division		
	System Repair	063	8371
	System Maintenance	063	8373
	Local Repair & Construction	063	8380
	SWM Surface Facility Maintenance	063	8383
	TV/Flow Monitoring	063	8375
Water Resource Recovery Operations & Services	Administration	071	8301
	Biosolids/Reuse/Fernhill		
	Biosolids/Reuse/Fernhill	074	8331
	Treatment Plant Services		
	Engineering	075	8211
	Technology Development & Research	074	8316
	Pump Stations		
	Pump Stations	073	8343
	Durham		
	Durham Operations	072	8311
	Durham Mechanical Maintenance	072	8361
	Durham E&I Maintenance	072	8351
	Rock Creek		
	Rock Creek Operations	073	8312
	Rock Creek Mechanical Maintenance	073	8344
	Rock Creek E&I Maintenance	073	8352
	Hillsboro & Forest Grove		
	Hillsboro Operations & Maintenance	073	8314
	Forest Grove Operations & Maintenance	073	8315

Operating Funds

The CWS fund structure includes the following two operating funds:

- **General Fund 101**
Includes appropriation for all personnel-related expenses and materials and services related to day-to-day operations.
- **Surface Water Management Operating Fund 201**
Collects service charge revenues from the Surface Water Management (SWM) Program and transfers a portion to the General Fund in support of SWM related operations.

Both funds track not only the revenues from service charges, but also maintain budgetary segregation of these resources and expenses.

Beginning in Fiscal Year 1997-98, CWS began to capitalize the personnel and materials and services costs associated with staff whose time is dedicated to capital improvement projects. This practice is continuing in FY 2022-23.

GENERAL FUND 101

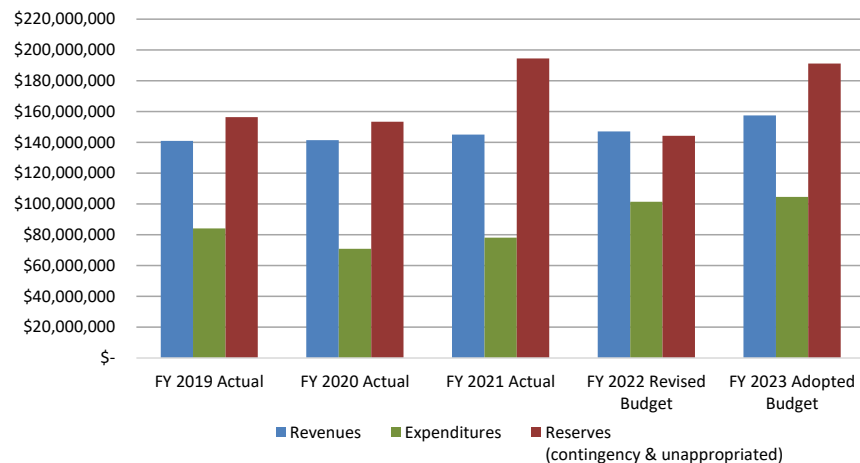
The Clean Water Services (CWS) General Fund supports the overall operations of the treatment and conveyance systems through collection of service charge revenues. The FY 2022-23 budget reflects a 4% increase in sewer services charges, which equates to a monthly charge of \$49.92 for the average residential customer.

Resources in the FY 2022-23 budget total \$375.6 million, including service charges of \$150.4 million, other revenues of \$7.0 million, reimbursement for SWM operating costs of \$14 million, and \$204.1 million in anticipated fund balance carryover from the prior year.

Operating expenditures in the FY 2022-23 budget total \$96.3 million, including departmental labor costs of \$59.6 million and materials and services of \$36.7 million. The budget also includes transfers totaling \$79.8 million to fund debt service principal and interest payments and capital construction, capital outlay of \$1.9 million and other nondepartmental costs of \$6.3 million. As noted previously, other nondepartmental costs include utility bad debt expense, franchise fees, utility assistance and pass-through revenues from co-implementer cities.

Authorized Positions: All CWS positions are funded in Fund 101. Where appropriate, Fund 101 personnel expenditures are reimbursed by other funds such as SWM Operating Fund 201. CWS' full-time equivalent total includes both operating and capital staff. The format of Fund 101 requirements reflects the decision to capitalize staff whose time is dedicated to capital projects.

GENERAL FUND 101 REVENUE, EXPENDITURE AND RESERVE TRENDS Excluding transfers



FUND 101 ▼ General Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCES OR REQUIREMENTS: CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES							
\$45,853,873	\$46,424,866	\$48,656,300	Service Charges	40110	\$51,352,400	\$51,352,400	\$51,352,400
72,617,222	74,159,838	76,041,100	City Service Payments	40120	81,279,600	81,279,600	81,279,600
14,498,164	14,983,139	15,493,300	Industrial/Commercial	40140	16,661,100	16,661,100	16,661,100
368,753	373,425	372,700	City Right of Way Fees	40155	400,500	400,500	400,500
49,730	46,738	49,200	Water Usage Accounts	40130	96,900	96,900	96,900
591,094	598,783	619,600	Portland Customers	40150	648,400	648,400	648,400
\$133,978,836	\$136,586,789	\$141,232,200	SERVICE CHARGES Subtotal		\$150,438,900	\$150,438,900	\$150,438,900
\$187,703	\$316,634	\$242,400	Plan Check Fees	40190	\$224,400	\$224,400	\$224,400
1,376,710	1,512,326	1,282,200	Septage Charges	40170	1,339,300	1,339,300	1,339,300
98,150	35,815	98,000	Sewer Field Services	40250	40,000	40,000	40,000
2,366,751	3,720,800	1,608,400	Miscellaneous Revenue	40200-42000	1,993,400	1,993,400	1,993,400
506,628	674,881	300,000	Grants/Contributions	43010-43040	300,000	300,000	300,000
TRANSFERS FROM:							
10,318,425	10,807,178	13,000,000	Fund 201 - SWM Operating	49201	14,000,000	14,000,000	14,000,000
2,854,846	2,238,017	2,411,300	Investment Interest	44020	3,108,800	3,108,800	3,108,800
156,392,813	153,446,745	152,602,045	Beginning Balance, as previously reported		204,106,500	204,106,500	204,106,500
(1,176,003)	0	0	Restatements		0	0	0
155,216,811	153,446,745	152,602,045	Beginning Balance	31100	204,106,500	204,106,500	204,106,500
\$306,904,860	\$309,339,184	\$312,776,545	TOTAL RESOURCES		\$375,551,300	\$375,551,300	\$375,551,300
REQUIREMENTS							
DEPARTMENTAL							
49,241,337	54,026,230	64,627,700	Personnel Services		67,658,200	67,658,200	67,658,200
(8,561,633)	(8,223,824)	(7,000,000)	Less Capital Personnel Services		(8,000,000)	(8,000,000)	(8,000,000)
26,257,822	27,047,724	33,499,400	Materials & Services		36,665,800	36,665,800	36,665,800
\$66,937,526	\$72,850,130	\$91,127,100	Total Departmental		\$96,324,000	\$96,324,000	\$96,324,000
\$207,976	\$407,205	\$908,900	Utility Billing Bad Debt Expense	52905	\$850,000	\$850,000	\$850,000
120,873	119,865	122,900	Franchise Fees	52530	150,000	150,000	150,000
368,753	373,425	372,700	City Right of Way Fees	52270	400,500	400,500	400,500
1,933,665	1,958,055	3,501,000	Industrial Local	52270	3,391,400	3,391,400	3,391,400
1,382,522	2,388,837	5,026,000	Capital Projects	55000	1,907,400	1,907,400	1,907,400
0	0	400,000	Nondepartmental Materials & Services	52495	1,500,000	1,500,000	1,500,000
TRANSFERS TO:							
4,500,000	6,000,000	7,500,000	Replacement Reserve	57106	18,000,000	18,000,000	18,000,000
500,000	0	0	LID Construction Fund	57108	0	0	0
9,409,700	9,129,500	7,769,900	Revenue Bond Debt	57111	0	0	0
66,500,000	20,000,000	50,000,000	Capital Construction	57112	60,000,000	60,000,000	60,000,000
1,597,100	1,664,800	1,731,800	Revenue Pension Bond Fund	57114	1,804,000	1,804,000	1,804,000
RESERVES AND ENDING BALANCES:							
0	0	16,447,900	Operating Contingency	58100	20,904,700	20,904,700	20,904,700
153,446,745	194,447,367	127,868,345	Ending Fund Balance	31100	170,319,300	170,319,300	170,319,300
\$306,904,860	\$309,339,184	\$312,776,545	TOTAL REQUIREMENTS		\$375,551,300	\$375,551,300	\$375,551,300

STORM AND SURFACE WATER MANAGEMENT FUND 201

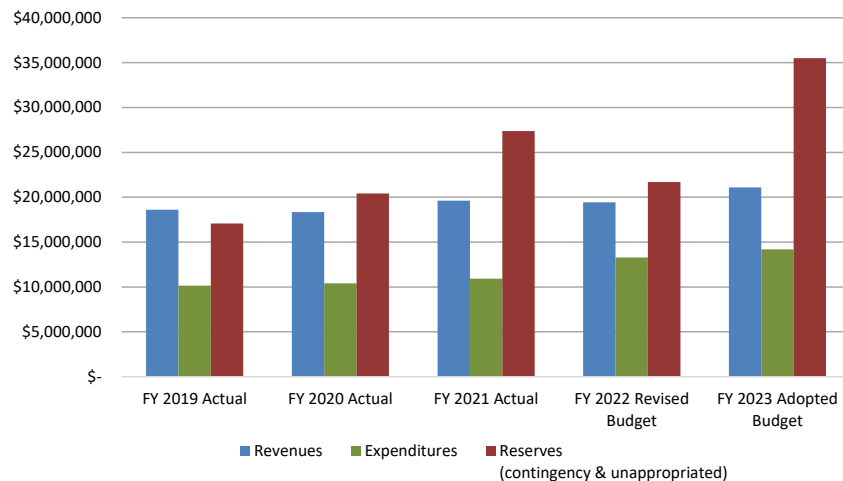
The CWS SWM Program was introduced in 1990 and is based on a monthly service charge of \$10.14 per typical household. The larger co-implementer cities retain a portion of this charge to fund SWM maintenance activities within their respective boundaries.

Resources in the FY 2022-23 budget total \$52.7 million, including service charges of \$19.5 million, other revenues of \$1.6 million, and \$31.6 million in anticipated fund balance carryover from the prior year.

Expenditures in the FY 2023-23 budget are primarily attributable to a transfer of \$14 million to the General Fund (Fund 101) to reimburse for operating expenses and a transfer of \$3.0 million to fund capital expenditures.

CWS is proposing to increase rates by 4% this fiscal year and the FY 2022-23 budget has prioritized capital projects to help stabilize reserves going forward. Adequate reserves are needed to address increased operating costs due to wet weather conditions, regulatory requirements, and increased public demand for services, as well as to fund capital projects.

SWM FUND 201 ► REVENUE, EXPENDITURE AND RESERVE TRENDS Excluding transfers



FUND 201 ▼ Surface Water Management Operating Fund

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCES OR REQUIREMENTS: CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
			Service Charges				
\$10,533,078	\$10,654,842	\$11,338,900	CWS Customers	40110	\$11,797,500	\$11,797,500	\$11,797,500
6,241,630	6,390,317	6,750,000	City Customers	40120	7,716,900	7,716,900	7,716,900
300,000	350,000	350,000	County/City Contract Maintenance	40340	350,000	350,000	350,000
261,580	265,364	272,300	Erosion Control Fees	40280/40290	254,400	254,400	254,400
78,978	138,621	125,700	Inspection	40200	116,500	116,500	116,500
187,703	316,634	242,400	Plan Check Fees	40190	224,400	224,400	224,400
422,880	1,210,668	25,000	Miscellaneous Revenue	40380	25,000	25,000	25,000
330,981	296,961	328,600	Interest on Investments	44020	607,600	607,600	607,600
17,077,378	20,429,785	20,796,885	Beginning Balance	31100	31,595,000	31,595,000	31,595,000
(100,754)	0	0	Restatements		0	0	0
16,976,624	20,429,785	20,796,885	Beginning Balance, as restated	31100	31,595,000	31,595,000	31,595,000
\$35,333,454	\$40,053,192	\$40,229,785	TOTAL RESOURCES		\$52,687,300	\$52,687,300	\$52,687,300
REQUIREMENTS:							
			Transfer to General Fund 101:				
\$1,440,473	\$1,699,469	\$2,177,100	Business Operations	81XX	\$2,663,800	\$2,663,800	\$2,663,800
0	172,032	\$331,200	Regional Utilities Services Admin	8201	\$242,900	\$242,900	\$242,900
166,574	0	0	Utility Operations & Services Admin	8201	0	0	0
110,402	96,259	186,500	Conveyance Engineering	8224	167,500	167,500	167,500
1,403,876	1,206,683	1,699,200	Development Related Services	8225	1,962,800	1,962,800	1,962,800
121,422	338,504	130,800	Systems Delivery Planning	8226	181,900	181,900	181,900
371,699	383,390	443,800	Laboratory Services	8232	546,700	546,700	546,700
87,800	92,974	94,800	Natural Systems Administration	8233	201,200	201,200	201,200
393,025	472,476	505,700	Environmental Services	8212	574,500	574,500	574,500
298,527	304,139	546,500	UOPS/Field Operations Admin	8370	583,300	583,300	583,300
567,002	454,013	544,100	Regulatory Affairs Admin	8210	502,200	502,200	502,200
736,520	824,731	1,269,300	Natural Systems Operations	823x	1,314,300	1,314,300	1,314,300
1,991,324	2,146,402	2,242,800	SWM Facility Maintenance	8383	2,208,200	2,208,200	2,208,200
2,629,780	2,616,106	2,828,200	System Repair/Maintenance/Flow Monitori	8371/8373/8375	2,850,700	2,850,700	2,850,700
\$10,318,424	\$10,807,178	\$13,000,000	Transfer to General Fund	57101	\$14,000,000	\$14,000,000	\$14,000,000
			Materials & Services:				
\$57,631	\$85,822	\$195,300	Bad Debt Expense	52905	\$100,000	\$100,000	\$100,000
27,613	32,660	40,300	Franchise Fees	52530	50,000	50,000	50,000
0	0	50,000	Nondepartmental Materials & Services		50,000	50,000	50,000
3,750,000	1,000,000	4,500,000	Transfer to Fund 212	57212	3,000,000	3,000,000	3,000,000
750,000	750,000	750,000	Transfer to Fund 206	57206	0	0	0
0	0	1,600,000	Contingency	58100	1,750,000	1,750,000	1,750,000
20,429,785	27,377,532	20,094,185	Ending Fund Balance	31100	33,737,300	33,737,300	33,737,300
\$35,333,453	\$40,053,192	\$40,229,785	TOTAL REQUIREMENTS		\$52,687,300	\$52,687,300	\$52,687,300



Construction Funds

The Clean Water Services (CWS) fund structure includes four funds that provide for the construction of major treatment and sanitary collection system improvements, support facilities, surface water management facilities, Local Improvement District construction, and onetime or ongoing specialized professional services that relate to capital projects or long-term planning.



- **Sanitary Sewer Local Improvement District Construction Fund 108**

Fund 108 finances collection system construction projects benefiting local property owners who pay assessments to fund the projects.

- **Surface Water Management Local Improvement District Construction Fund 208**

Fund 208 finances storm drainage and other surface water management facilities benefiting local property owners who pay assessments to fund the project.

- **Sanitary Sewer Construction Fund 112**

Fund 112 finances treatment, recycled wastewater, sanitary collection system, project-related studies, and capital equipment needs from a combination of revenue bond proceeds, sanitary System Development Charge (SDC) revenues, and transfers from CWS' General Fund.

- **Surface Water Management Construction Fund 212**

Fund 212 finances storm drainage and SWM facilities, project-related studies and capital equipment needs from a combination of transfers from SWM Fund 201 and the SWM Capital Reserve Fund 207.

SANITARY SEWER SYSTEM LOCAL IMPROVEMENT DISTRICT CONSTRUCTION FUND 108

At the request of interested property owners, CWS will help construct local sanitary sewer system improvements by forming Local Improvement Districts (LIDs). The costs of construction are ultimately funded by assessments paid by benefited property owners. Benefited property owners are residents who own land adjacent to the local improvement and are able to connect to, or be served by, the improvement.

Due to changes in state law and federal regulations for tax-exempt financing, CWS has financed LIDs internally. By financing internally, benefited property owners are able to finance a loan with better terms and interest rates and CWS receives interest and administrative fees when processing the loan. Additionally, CWS does not have to issue debt or be responsible for principal and interest payments on debt if the property owner is in default on the loan.

It is possible that an LID bond sale may be an option in the future; however this budget assumes continued internal financing.

FUND 108 ▼ Sanitary Sewer System LID Construction Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCES OR REQUIREMENTS: CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$474,526	\$137,943	\$235,000	Assessment Principal	46010	\$235,000	\$235,000	\$235,000
40,465	32,883	32,800	Interest on Investments	44020	22,900	22,900	22,900
62,752	3,522	8,200	Interest on Assessments	44040	8,400	8,400	8,400
(38,408)	(22,152)	(73,400)	Incentives	46015	(74,100)	(74,100)	(74,100)
500,000	0	0	Transfer from Fund 101	49101	0	0	0
1,912,165	2,657,175	2,593,775	Beginning Balance	31100	2,831,800	2,831,800	2,831,800
(12,581)	0	0	Restatements		0	0	0
1,899,584	2,657,175	2,593,775	Beginning Balance, as restated		2,831,800	2,831,800	2,831,800
\$2,938,919	\$2,809,371	\$2,796,375	TOTAL RESOURCES		\$3,024,000	\$3,024,000	\$3,024,000
REQUIREMENTS:							
\$281,744	\$123	\$850,000	New Projects (LID Support)	6273	\$950,000	\$950,000	\$950,000
\$281,744	\$123	\$850,000	PROJECT COSTS - SUBTOTAL		\$950,000	\$950,000	\$950,000
0	0	50,000	Materials & Services	52240	100,000	100,000	100,000
0	0	200,000	Contingency	58100	500,000	500,000	500,000
2,657,175	2,809,248	1,696,375	Ending Fund Balance	31100	1,474,000	1,474,000	1,474,000
\$2,938,919	\$2,809,371	\$2,796,375	TOTAL REQUIREMENTS		\$3,024,000	\$3,024,000	\$3,024,000

SURFACE WATER MANAGEMENT LOCAL IMPROVEMENT DISTRICT CONSTRUCTION FUND 208

The Surface Water Management Local Improvement District Construction Fund was created to provide financing for local storm drainage and surface water management improvements that benefit specific property owners.

As in the case of the Sanitary Sewer System LID Construction Fund, CWS will help construct local surface water management system improvements by forming Local Improvement Districts at the request of interested property owners. The costs of construction are ultimately funded by assessments paid by benefited property owners. Benefited property owners are residents who own land adjacent to the local improvement and are able to connect to, or be served by, the improvement.

Due to changes in state law and federal regulations for tax-exempt financing, CWS has financed LIDs internally. By financing internally, benefited property owners are able to finance a loan with better terms and interest rates and CWS receives interest and administrative fees when processing the loan. Additionally, CWS does not have to issue debt or be responsible for principal and interest payments on debt if the property owner is in default on the loan.

It is possible that an LID bond sale may be an option in the future; however this budget assumes continued internal financing.

FUND 208 ▼ Surface Water Managment LID Construction Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$0	\$0	\$0	Assessment Principal	46010	\$0	\$0	\$0
0	0	0	Incentives	46015	0	0	0
12,596	8,735	10,200	Interest on Investments	44020	8,700	8,700	8,700
0	0	0	Interest on Assessments	44040	0	0	0
623,851	631,703	643,003	Beginning Balance	31100	625,600	625,600	625,600
(4,744)	0	0	Restatements		0	0	0
619,107	631,703	643,003	Beginning Balance, as restated		625,600	625,600	625,600
\$631,703	\$640,438	\$653,203	TOTAL RESOURCES		\$634,300	\$634,300	\$634,300
REQUIREMENTS:							
\$0	\$0	\$25,000	Capital Outlay	55300	\$25,000	\$25,000	\$25,000
\$0	\$0	\$25,000	PROJECT COSTS - SUBTOTAL		\$25,000	\$25,000	\$25,000
0	0	25,000	Materials & Services	52240	25,000	25,000	25,000
0	0	100,000	Contingency	58100	100,000	100,000	100,000
631,703	640,438	503,203	Ending Fund Balance	31100	484,300	484,300	484,300
\$631,703	\$640,438	\$653,203	TOTAL REQUIREMENTS		\$634,300	\$634,300	\$634,300

SANITARY SEWER CONSTRUCTION FUND 112

The Sanitary Sewer Construction Fund was created to manage the financing for sanitary sewer capital projects. Treatment, sanitary collection system, project-related studies, and capital equipment needs are financed from a combination of revenue bond proceeds, sanitary sewer SDC revenues and cash transfers from the General Fund (Fund 101).

The primary budgeted expenditures for this fund consist of the projects included in the first year of the District's FY 2023-2027 five-year Capital Improvement Program (CIP).

FUND 112 ▼ Sanitary Sewer Construction Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$66,500,000	\$20,000,000	\$50,000,000	Transfer from Fund 101	49101	\$60,000,000	\$60,000,000	\$60,000,000
5,630,200	11,126,400	10,528,000	Transfer from Fund 107	49107	15,772,100	15,772,100	15,772,100
1,139,623	637,167	1,850,000	Contributions-City or Developer	47010	255,100	255,100	255,100
119,207	36,986	50,000	Miscellaneous Revenue	40380	50,000	50,000	50,000
39,121	0	50,000	Grants/Contributions	43030	50,000	50,000	50,000
1,570,422	936,585	1,046,000	Interest on Investments	44020	558,600	558,600	558,600
67,273,518	67,581,790	66,197,690	Beginning Balance	31100	45,152,000	45,152,000	45,152,000
(617,027)	0	0	Restatements		0	0	0
66,656,491	67,581,790	66,197,690	Beginning Balance, as restated		45,152,000	45,152,000	45,152,000
\$141,655,064	\$100,318,928	\$129,721,690	TOTAL RESOURCES		\$121,837,800	\$121,837,800	\$121,837,800
REQUIREMENTS:							
CIP PROJECT EXPENDITURES:							
\$41,444,273	\$29,411,021	\$35,447,000	Water Resource Recovery Projects	55300	\$33,695,000	\$33,695,000	\$33,695,000
20,168,495	5,474,590	17,274,300	Utility Operations & Services Projects	55800	24,356,900	24,356,900	24,356,900
12,460,506	11,973,821	21,519,700	Planning & Support Projects	55400	18,077,800	18,077,800	18,077,800
\$74,073,274	\$46,859,432	\$74,241,000	PROJECT COSTS - SUBTOTAL		\$76,129,700	\$76,129,700	\$76,129,700
\$0	\$0	\$100,000	Materials and Services	52240	\$100,000	\$100,000	\$100,000
0	0	10,250,000	Contingency	58100	10,500,000	10,500,000	10,500,000
67,581,790	53,459,496	45,130,690	Ending Fund Balance	31100	35,108,100	35,108,100	35,108,100
\$141,655,064	\$100,318,928	\$129,721,690	TOTAL REQUIREMENTS		\$121,837,800	\$121,837,800	\$121,837,800

SURFACE WATER MANAGEMENT CONSTRUCTION FUND 212

The SWM Construction Fund was created to manage the capital investments and related costs for the Surface Water Management Program. Storm drainage and surface water management facilities, project-related studies and capital equipment needs are financed from a combination of SWM SDC revenue and cash transfers from the SWM Operating Fund (Fund 201).

The budget for FY 2022-23 is based on the first year of the CIP for FY 2023-2027. The District prioritized projects and limited the amounts included in the CIP for FY 2022-23 to continue to build and stabilize reserves in future years.

FUND 212 ▼ SWM Construction Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$3,750,000	\$1,000,000	\$4,500,000	Transfer from Fund 201	49201	\$3,000,000	\$3,000,000	\$3,000,000
75,000	75,000	75,000	Transfer from Fund 207	49207	75,000	75,000	75,000
87,003	188,575	850,000	Reimbursements from Developers	47010	200,000	200,000	200,000
0	0	0	Other Charges	46400	0	0	0
169,745	107,043	139,300	Interest on Investments	44020	112,900	112,900	112,900
7,805,748	8,631,856	8,818,456	Beginning Fund Balance	31100	6,654,600	6,654,600	6,654,600
(60,298)	0	0	Restatements		0	0	0
7,745,450	8,631,856	8,818,456	Beginning Balance, as restated		6,654,600	6,654,600	6,654,600
\$11,827,198	\$10,002,474	\$14,382,756	TOTAL RESOURCES		\$10,042,500	\$10,042,500	\$10,042,500
REQUIREMENTS:							
\$3,195,342	\$3,375,347	\$4,089,900	CIP Project Expenditures		\$3,623,800	\$3,623,800	\$3,623,800
0	1,610	50,000	Materials and Services	52240	50,000	50,000	50,000
0	0	1,000,000	Contingency	58100	500,000	500,000	500,000
8,631,856	6,625,517	9,242,856	Ending Fund Balance	31100	5,868,700	5,868,700	5,868,700
\$11,827,198	\$10,002,474	\$14,382,756	TOTAL REQUIREMENTS		\$10,042,500	\$10,042,500	\$10,042,500

Reserve Funds

The Clean Water Services (CWS) fund structure includes five funds intended to provide for mid- and long-term financial requirements and revenues.

- **Liability Reserve Fund 102**
Fund 102 accounts for CWS' expenses incurred under its self-insurance programs for fire loss, property damage, and all risks up to a self-insured retention limit and workers' compensation claims related to job injuries.
- **Sanitary Sewer Capital Replacement Fund 106**
Fund 106 finances routine replacement of rolling stock, computers, and minor sanitary sewer treatment facility and collection system needs.
- **Surface Water Management Capital Replacement Fund 206**
Fund 206 finances routine replacement of rolling stock and stormwater collection system needs.
- **Sanitary Capital Reserve Fund 107**
Fund 107 accounts for the collection and tracking of revenues from System Development Charges expended to construct sanitary sewer systems and facilities and related debt service.
- **Surface Water Management Capital Reserve Fund 207**
Fund 207 accounts for the collection and tracking of revenues from System Development Charges expended to construct stormwater systems and facilities.

LIABILITY RESERVE FUND 102

The Liability Reserve Fund provides for payments of the retained amount (deductible) of any insured loss and payments for losses that are either uninsured or uninsurable. CWS maintains retention levels of \$50,000 per occurrence on its liability insurance coverage and \$5,000,000 per occurrence on its property coverage. These retentions are insured through CWS' captive, Clean Water Insurance Company.

A portion of the ending fund balance is appropriated as Contingency each year in case of significant payments for self-insured programs and insured losses greater than policy limits. Actual expenditures of these funds would require formal action by CWS' Board of Directors. Examples of self-insured risks include:

- Damage to CWS' vehicles and equipment valued at more than \$7,600,000.
- Railroad liability, on-premises pollution from aboveground storage tanks, and off-premises pollution liability.
- Legal defense costs associated with any uninsured or insured but contested occurrence.
- Employee-related claims such as medical expenses from volunteers, employee dishonesty resulting in losses greater than \$100,000, and workers' compensation claims in excess of the standard premium.

Anticipated annual expenses are funded by insurance reimbursements and interest earnings.

Although expenditures are impossible to predict reliably, appropriations are included in the budget as potential payments against CWS deductibles in property, legal liability, automobile loss, and prior years' workers' compensation claim payments. The contingency enables CWS to modify its insurance policies in volatile markets. For example, expanding the "self-funded" liability portion of coverage can be used to keep insured programs affordable when insurance costs increase due to changes in market conditions or insurers' assessment of CWS risk.

FUND 102 ▼ Liability Reserve Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$0	\$0	\$0	Transfer from Fund 101	49101	\$0	\$0	\$0
0	407,206	0	Federal Grants	43025	0	0	0
436,538	5,423	33,500	Payments From Third Parties	46300	35,000	35,000	35,000
1,223	0	5,400	Workers Compensation Refunds	46320	5,600	5,600	5,600
249,775	340,268	0	Insurance Reimbursement	46310	0	0	0
109,497	73,779	81,600	Interest on Investments	44020	73,200	73,200	73,200
5,739,412	5,388,532	5,161,832	Beginning Balance	31100	4,941,800	4,941,800	4,941,800
(43,511)	0	0	Restatements		0	0	0
5,695,901	5,388,532	5,161,832	Beginning Balance, as restated		4,941,800	4,941,800	4,941,800
\$6,492,934	\$6,215,208	\$5,282,332	TOTAL RESOURCES		\$5,055,600	\$5,055,600	\$5,055,600
REQUIREMENTS:							
\$10,113	\$18,865	\$50,000	Workers Comp Medical Claims	52770	\$50,000	\$50,000	\$50,000
342,192	128,334	350,000	Legal	52710	350,000	350,000	350,000
9,105	21,026	350,000	Property	52720	350,000	350,000	350,000
52,261	3,216	50,000	Automobile/vehicle-liability	52725	50,000	50,000	50,000
43,613	17,788	40,000	Automobile/vehicle-collision	52730	40,000	40,000	40,000
153,302	4,812	50,000	Non - Clean Water Services	52735-52750	50,000	50,000	50,000
493,816	443,380	0	Other Materials & Services	52495	0	0	0
0	0	100,000	Contingency	58100	100,000	100,000	100,000
5,388,532	5,577,787	4,292,332	Ending Fund Balance	31100	4,065,600	4,065,600	4,065,600
\$6,492,934	\$6,215,208	\$5,282,332	TOTAL REQUIREMENTS		\$5,055,600	\$5,055,600	\$5,055,600

SANITARY SEWER CAPITAL REPLACEMENT FUND 106

The Sanitary Sewer Capital Replacement Fund was established in Fiscal Year 2016-17 to track and fund routine replacement of rolling stock, computers, and minor treatment facility and collection system needs. This fund is maintained through service charge revenue transferred from the General Fund (Fund 101).

FUND 106 ▼ Sanitary Sewer Capital Replacement Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$4,500,000	\$6,000,000	\$7,500,000	Transfer from Fund 101	49101	\$18,000,000	\$18,000,000	\$18,000,000
160,313	126,405	162,200	Interest on Investments	44020	207,600	207,600	207,600
7,585,901	7,659,613	10,264,913	Beginning Balance	31100	10,945,500	10,945,500	10,945,500
(55,291)	0	0	Restatements		0	0	0
7,530,610	7,659,613	10,264,913	Beginning Balance, as restated		10,945,500	10,945,500	10,945,500
\$12,190,923	\$13,786,018	\$17,927,113	TOTAL RESOURCES		\$29,153,100	\$29,153,100	\$29,153,100
REQUIREMENTS:							
\$4,312,187	\$3,140,100	\$9,826,500	Capital Outlay	55000	\$14,573,600	\$14,573,600	\$14,573,600
219,123	342,681	650,000	Non Departmental Materials & Services	52000	800,000	800,000	800,000
0	0	1,500,000	Contingency	58100	3,000,000	3,000,000	3,000,000
7,659,613	10,303,237	5,950,613	Ending Fund Balance	31100	10,779,500	10,779,500	10,779,500
\$12,190,923	\$13,786,018	\$17,927,113	TOTAL REQUIREMENTS		\$29,153,100	\$29,153,100	\$29,153,100

SURFACE WATER MANAGEMENT CAPITAL REPLACEMENT FUND 206

The Surface Water Management Capital Replacement Fund was established in FY 2016-17 to track and fund routine replacement of rolling stock and collection system needs. This fund is maintained through service charge revenue transferred from the Surface Water Management Operating Fund (Fund 201).

FUND 206 ▼ SWM Capital Replacement Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$750,000	\$750,000	\$750,000	Transfer from Fund 201	49201	\$0	\$0	\$0
51,008	39,701	46,300	Interest on Investments	44020	44,900	44,900	44,900
2,245,969	2,802,711	2,930,711	Beginning Balance	31100	2,983,900	2,983,900	2,983,900
(15,178)	0	0	Restatements		0	0	0
2,230,791	2,802,711	2,930,711	Beginning Balance, as restated		2,983,900	2,983,900	2,983,900
\$3,031,799	\$3,592,412	\$3,727,011	TOTAL RESOURCES		\$3,028,800	\$3,028,800	\$3,028,800
REQUIREMENTS:							
\$227,333	\$644,787	\$328,000	Capital Outlay	55000	\$334,200	\$334,200	\$334,200
1,755	0	10,000	Non Departmental Materials & Service	52000	100,000	100,000	100,000
0	0	100,000	Contingency	58100	100,000	100,000	100,000
2,802,711	2,947,625	3,289,011	Ending Fund Balance	31100	2,494,600	2,494,600	2,494,600
\$3,031,799	\$3,592,412	\$3,727,011	TOTAL REQUIREMENTS		\$3,028,800	\$3,028,800	\$3,028,800

SANITARY SEWER CAPITAL RESERVE FUND 107

New customers are required to pay a System Development Charge (SDC) when connecting for the first time to CWS wastewater collection and treatment systems. The Sanitary Sewer Capital Reserve Fund collects and tracks revenue for the sanitary SDCs. The revenues are expended in support of sanitary sewer projects and related debt service by means of transfers to the Sanitary Sewer Construction Fund (Fund 112) and the Master Plan Update Debt Service Fund (Fund 111).

Historically, SDCs constituted a substantial revenue source for CWS. However, SDCs are a volatile revenue source dependent on the local economy and development climate.

The sanitary sewer SDC is increasing from \$6,085 to \$6,625 per Equivalent Dwelling Unit to more accurately reflect the cost of construction.

FUND 107 ▼ Sanitary Sewer Capital Reserve Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
<u>REIMBURSEMENT</u>							
\$2,247,908	\$2,420,761	\$2,490,400	CWS - District Wide	41010	\$2,275,500	\$2,275,500	\$2,275,500
10,194,703	8,631,199	6,860,200	Cities	41020	11,313,000	11,313,000	11,313,000
533,136	168,220	187,100	CWS Industrial	41100	113,500	113,500	113,500
0	0	100,000	City Industrial	41110	0	0	0
<u>IMPROVEMENT</u>							
1,345,993	1,453,404	1,495,000	CWS - District Wide	41200	1,545,900	1,545,900	1,545,900
148,700	160,709	165,300	CWS - Local	41205	171,000	171,000	171,000
6,140,104	5,215,034	4,033,000	Cities	41210	6,726,200	6,726,200	6,726,200
320,035	100,981	107,100	CWS Industrial	41300	62,600	62,600	62,600
501	8,856	5,500	City Industrial	41310	3,800	3,800	3,800
434,935	348,274	363,900	Interest on Investments	44020	350,300	350,300	350,300
19,107,898	27,196,521	23,031,722	Beginning Balance	31100	27,556,600	27,556,600	27,556,600
(147,192)	0	0	Restatements		0	0	0
18,960,706	27,196,521	23,031,722	Beginning Balance, as restated		27,556,600	27,556,600	27,556,600
\$40,326,721	\$45,703,959	\$38,839,222	TOTAL RESOURCES		\$50,118,400	\$50,118,400	\$50,118,400
REQUIREMENTS:							
\$7,500,000	\$8,000,000	\$9,350,600	Transfer to Fund 111	57111	\$13,888,500	\$13,888,500	\$13,888,500
5,630,200	11,126,400	10,528,000	Transfer to Fund 112	57112	15,772,100	15,772,100	15,772,100
0	0	1,500,000	Contingency	58100	1,000,000	1,000,000	1,000,000
27,196,521	26,577,559	17,460,622	Ending Fund Balance	31100	19,457,800	19,457,800	19,457,800
\$40,326,721	\$45,703,959	\$38,839,222	TOTAL REQUIREMENTS		\$50,118,400	\$50,118,400	\$50,118,400

SURFACE WATER MANAGEMENT CAPITAL RESERVE FUND 207

As with the sanitary sewer collection and treatment system, new customers are required to pay an SDC when they become a part of CWS' SWM system. Similar to the Sanitary Capital Reserve Fund, SWM SDC revenues are accounted for in this fund. The revenues are transferred to the SWM Construction Fund – 212 to spend on SWM capital projects.

The SWM SDC is increasing in FY 2022-23 from \$585 to \$641 per Equivalent Service Unit to more accurately reflect the cost on SWM capital projects.

FUND 207 ▼ Surface Water Management Capital Reserve Fund Summary

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
			Connection Fees				
\$41,578	\$3,024	\$40,000	Quality	41410	\$2,800	\$2,800	\$2,800
101,184	46,260	105,000	Quantity	41400	54,100	54,100	54,100
322,906	547,021	75,000	Fees in Lieu Received	41413	182,500	182,500	182,500
39,723	33,852	35,600	Interest on Investments	44020	56,300	56,300	56,300
1,768,704	2,187,421	2,252,222	Beginning Balance	31100	2,937,100	2,937,100	2,937,100
(11,674)	0	0	Restatements		0	0	0
1,757,030	2,187,421	2,252,222	Beginning Balance, as restated		2,937,100	2,937,100	2,937,100
\$2,262,421	\$2,817,578	\$2,507,822	TOTAL RESOURCES		\$3,232,800	\$3,232,800	\$3,232,800
REQUIREMENTS:							
\$75,000	\$75,000	\$75,000	Transfer to Fund 212	57212	\$75,000	\$75,000	\$75,000
0	0	30,000	Contingency	58100	30,000	30,000	30,000
2,187,421	2,742,578	2,402,822	Ending Fund Balance	31100	3,127,800	3,127,800	3,127,800
\$2,262,421	\$2,817,578	\$2,507,822	TOTAL REQUIREMENTS		\$3,232,800	\$3,232,800	\$3,232,800

Debt Service Funds

The CWS budget includes two funds that provide payment for long-term bonded debt.

- **Master Plan Update Service Fund 111**
- **Revenue Pension Bond Fund 114**

As of June 30, 2022, principal outstanding on sewer revenue bond debt is \$121,165,000 and \$9,030,000 in revenue pension bonds. Resources and requirements for each fund are identified in this section.

MASTER PLAN UPDATE DEBT SERVICE FUND 111

The Master Plan Update Debt Service Fund provides for repayment of revenue bonded debt incurred in support of projects identified in CWS' 1985 and 2006 Master Plan updates; the 1990, 1993, and 2008 Facilities Plans and updates; and a portion of treatment plant improvements identified in the Capital Improvement Program.

As a result of major changes in the municipal bond market during Fiscal Year 2008-09, CWS opted to hold cash bond reserves to meet bond covenant requirements for the Series 2010B issue instead of issuing a surety reserve policy. The reserved funds are housed in Fund 111 as a restricted portion of the Ending Fund Balance. Future bond issues may include the addition of cash bond reserves as well.

CWS' rate covenants on outstanding revenue debt require debt service coverage ratios of at least 1.2 times annual debt service on senior lien parity obligations plus 1.0 times annual debt service on subordinate lien parity obligations. Bond coverage as of June 30, 2021, was 4.02 for senior bonds. CWS has no subordinate debt outstanding.

FUND 111 ▼ Master Plan Update Debt Service

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$9,409,700	\$9,129,500	\$7,769,900	Transfer from Fund 101	49101	\$0	\$0	\$0
7,500,000	8,000,000	9,350,600	Transfer from Fund 107	49107	13,888,500	13,888,500	13,888,500
429,982	340,594	323,800	Interest on Investments	44020	329,600	329,600	329,600
1,397,431	1,345,311	1,380,900	Series 2010B Build America Bond Subsidy	43050	1,241,600	1,241,600	1,241,600
23,418,597	21,575,723	20,488,974	Beginning Balance	31100	18,299,800	18,299,800	18,299,800
(167,122)	0	0	Restatement		0	0	0
23,251,475	21,575,723	20,488,974	Beginning Balance, as restated		18,299,800	18,299,800	18,299,800
\$41,988,588	\$40,391,128	\$39,314,174	TOTAL RESOURCES		\$33,759,500	\$33,759,500	\$33,759,500
REQUIREMENTS:							
Series 2009A (\$58,755,000)							
\$3,290,000	\$0	\$0	Principal	56100	\$0	\$0	\$0
82,250	0	0	Interest	56105	0	0	0
Series 2010B (\$90,260,000)							
3,575,000	3,680,000	3,790,000	Principal	56100	3,905,000	3,905,000	3,905,000
4,286,540	4,120,447	3,945,700	Interest	56105	3,761,900	3,761,900	3,761,900
Series 2011A (Refunding Series 2001) (\$30,255,000)							
3,375,000	3,540,000	3,720,000	Principal	56100	0	0	0
447,375	274,500	93,000	Interest	56105	0	0	0
Series 2011B (\$50,000,000)							
2,060,000	2,165,000	2,275,000	Principal	56100	0	0	0
1,635,450	1,529,825	1,418,900	Interest	56105	0	0	0
Series 2016A (Refunding Series 2009A) (\$33,335,000)							
0	3,180,000	3,340,000	Principal	56100	3,515,000	3,515,000	3,515,000
1,661,250	1,581,750	1,418,800	Interest	56105	1,247,400	1,247,400	1,247,400
Series 2021 (Refunding 2011B) (\$25,405,000)							
0	0	0	Principal	56100	1,780,000	1,780,000	1,780,000
0	0	0	Interest	56105	1,167,800	1,167,800	1,167,800
0	0	0	Bond Issuance Costs	56105	0	0	0
0	0	1,050,000	Contingency	58100	1,050,000	1,050,000	1,050,000
Ending Fund Balance							
7,648,203	7,648,203	7,648,203	Restricted - Debt Reserve	31100	5,840,100	5,840,100	5,840,100
13,927,520	12,671,403	10,614,571	Unrestricted	31100	11,492,300	11,492,300	11,492,300
\$41,988,588	\$40,391,128	\$39,314,174	TOTAL REQUIREMENTS		\$33,759,500	\$33,759,500	\$33,759,500

REVENUE PENSION BOND FUND 114

The Revenue Pension Bond Fund provides payment of the Series 2004 Revenue Pension Bonds, which were issued in July 2004. The proceeds of these bonds were used to finance the unfunded actuarial liability of approximately \$16 million generated by shortfalls in PERS. CWS elected to fund this liability through the sale of bonds at historically low market rates.

FUND 114 ▼ Revenue Pension Bond Fund

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	RESOURCE OR REQUIREMENTS CATEGORY	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
RESOURCES:							
\$1,597,100	\$1,664,800	\$1,731,800	Transfer from Fund 101	49101	\$1,804,000	\$1,804,000	\$1,804,000
13,811	8,746	10,200	Interest on Investments	44020	10,200	10,200	10,200
626,140	633,394	643,894	Beginning Balance	31100	640,400	640,400	640,400
(4,757)	0	0	Restatement		0	0	0
621,383	633,394	643,894	Beginning Balance, as restated		640,400	640,400	640,400
\$2,232,294	\$2,306,940	\$2,385,894	TOTAL RESOURCES		\$2,454,600	\$2,454,600	\$2,454,600
REQUIREMENTS:							
Series 2004 Revenue Pension Bond							
\$870,000	\$990,000	\$1,125,000	Principal	56100	\$1,265,000	\$1,265,000	\$1,265,000
728,900	676,584	617,100	Interest	56105	549,400	549,400	549,400
0	0	75,000	Contingency	58100	75,000	75,000	75,000
633,394	640,356	568,794	Ending Fund Balance	31100	565,200	565,200	565,200
\$2,232,294	\$2,306,940	\$2,385,894	TOTAL REQUIREMENTS		\$2,454,600	\$2,454,600	\$2,454,600



Business Services

Business Services (BSD) is composed of the administrative programs that support CWS operations and services provided to customers — Office of the Chief Executive Officer, Business Opportunities & Operations, Communications & Community Engagement, Digital Solutions, Finance & Accounting, Human Resources, Legal Services, Research & Innovation, and Risk & Insurance Management.

Two programs are being added in FY 2022-23: Administrative Services and Culture, Equity & Learning. Financial Strategy &



23

Research projects within organization; nine projects managed within R&I

5

New research projects developed; two projects will be managed within R&I

Performance Management will be merged with Business Strategy & Performance Management; the program will be renamed Strategy Development & Enterprise Performance Management to more accurately reflect the purpose of the group. The Government Affairs program will be folded into Communications & Community Engagement.

The FY 2022-23 budget includes an additional 11 FTE as compared to the FY 2021-22 Revised Budget. Three FTE are new positions, 10 are transfers in from other departments to support operational structure changes, and two are transfers from Risk & Insurance Management to the new Safety program in Enterprise Asset & Technical Services. The three new FTE are in Human Resources, Finance & Accounting, and Administrative Services. Two FTE in the Research & Innovation program are unfunded in FY 2022-23 — Research & Innovation Director and Senior Operations Analyst.

Office of the Chief Executive Officer

The Office of the CEO is responsible for developing and administering strategic initiatives including Integrated Planning and Performance Excellence, and implementing the policy direction provided by the Board of Directors and advisory input from the Clean Water Services Advisory Commission. The office of the CEO is responsible for overall management of CWS operations and intergovernmental coordination with co-implementer cities, Washington County, and other jurisdictions.

Administrative Services

The Administrative Services is a new program that provides centralized, sustainable, and coordinated business operations across CWS departments and facilities. Program staff serve as embedded liaisons within departments and programs and communicate CWS business practices, policies, and messages to internal and external audiences.

Business Opportunities & Operations

Business Opportunities & Operations manages CWS' procurement function, which includes purchasing and contracting for goods, services, and construction. Procurement responsibilities include helping CWS staff members conduct competitive purchasing and contracting processes and developing and ensuring compliance with CWS purchasing policies. Program staff members also identify and pursue CWS business opportunities, including internal opportunities to improve business processes and external opportunities to advance CWS' business interests. Finally, staff in this group manage the

Business Performance Optimization Program, which consists of reviewing CWS' programs and assisting with developing, implementing, and monitoring program improvements.

Communications & Community Engagement

Communications & Community Engagement enables CWS to reach its strategic outcomes by amplifying CWS' value and nurturing positive behaviors in and experiences with its community. The program leads the organization's strategic communications, public engagement, government affairs, education and outreach, and creative services to build awareness, support, and credibility for CWS and its role in public and watershed health. Staff members engage targeted audiences in major CWS initiatives including resource recovery, stormwater, and water supply projects; manage local, state, and federal government relations and legislative affairs; and regularly inform and connect with the general public, business and academic communities, volunteers, media, opinion leaders, Board of Directors, Clean Water Services Advisory Commission, community organizations, and watershed stakeholder groups to build trust and to motivate to act.

Culture, Equity & Learning

Culture, Equity & Learning is a new program that creates and manages strategies that make CWS a place where every employee can learn, grow, and thrive, and that creates positive equity benefits in our region. Working closely with internal teams and external partners, the program advances CWS key strategic outcomes through activities including fostering partnerships with historically underrepresented communities; planning, implementing, and evaluating equity, diversity, and inclusion programs; employee engagement surveys; organization development; onboarding; employee resource groups; cultural heritage celebrations; employee communication and engagement; peer-to-peer learning; and developing an integrated employee learning program.

Digital Solutions

Digital Solutions develops and manages CWS' software and hardware infrastructure, data analytics and data visualizations systems, and Geographic Information System. These systems store and manage data, and consequently transform data into decision-support systems for operation optimization, asset management, stormwater and watershed management, customer support, and research and innovation. Digital Solutions develops and implements best practices and training for employees to improve productivity and collaboration. Business intelligence and cybersecurity are

700

Daily visitors, on average, at Fernhill

3,050

Students (K-college) participated in classroom and field programs

1

High school intern earned academic credit for serving 45 hours at Fernhill



105

IoT DIY sensors
deployed monitoring
a combination of soil,
water, and air

2,680

Help Desk tickets

the two areas Digital Solutions continues to improve and invest in to support data-driven decisions, safeguard the CWS digital infrastructure, and reduce vulnerabilities.

Finance & Accounting

Finance & Accounting is responsible for strategic financial planning and direction and financial accounting and reporting. Finance & Accounting provides services related to external financial reporting through the Annual Comprehensive Financial Report, general ledger accounting, internal financial reporting, accounts payable and receivable, payroll, and utility billing and collections. This group manages budget planning, development, and administration; capital improvement program development and project accounting; and bond issuance and debt management. Finance & Accounting works closely with the Strategy Development team on cost of services analysis, rate and fee setting, and financial forecasting.

Human Resources

Human Resources is responsible for planning, developing, and implementing diverse employee processes and programs that allow Clean Water Services to remain inclusive, efficient, and innovative, while promoting collaboration, continuous learning, and employee well-being. Responsibilities include benefits and wellness; managing employee relations; recruitment, selection, and onboarding; equity, diversity, and inclusion; classification and compensation; labor relations including contract interpretation and dispute resolution; employee training and development;



performance evaluations; reporting and analytics; administering human resources policies and procedures; and CWS compliance with state and federal employment laws.

Legal Services

The in-house legal team provides legal advice on complex and dynamic legal, regulatory, and business matters related to wastewater treatment, stormwater management, watershed enhancement, and general water resource recovery issues. Legal Services provides proactive and practical advice to CWS groups to assist their business needs while protecting the legal interests of the organization. Members of the Legal team draft a variety of documents including contracts, easements, ordinances, and intergovernmental agreements and answer questions about the purchasing rules, procurements, contracts, real property, environmental and municipal law, construction disputes, permits, and other legal matters. The General Counsel retains and manages outside legal counsel on complex issues or litigation when needed.

Research & Innovation

Research & Innovation promotes improved technologies and processes to maintain and improve the water quality of the Tualatin River Watershed. R&I staff members seek to optimize plant and restoration operations, develop and adopt new innovative technologies, verify operational data for purchase or design of new technologies, and improve regulatory compliance. R&I includes major programs in environmental and water resources modeling



and the application of molecular methods to improving biological treatment and DNA monitoring in the watershed.

Risk & Insurance Management

Risk & Insurance Management supports the strategic objectives of Clean Water Services by bringing a systematic and principled approach to identifying, analyzing, mitigating, and preventing risk at all organizational levels. This is accomplished by identifying, evaluating, and controlling risk to reduce the frequency and severity of adverse events at CWS. Focus areas include risk financing through commercial and self-insurance programs; managing emergencies, claims, and CWS' captive, Clean Water Insurance Company, LLC; and supporting loss prevention and employee safety programs.

Strategy Development & Enterprise Performance Management

Strategy Development & Enterprise Performance Management is responsible for leading and facilitating strategy development and implementation activities in all CWS service areas to advance CWS' mission, vision, and values. The program was renamed from Business Strategy & Performance Systems. It consolidates strategy resources in Financial Strategy & Performance Management, Integrated Planning, and long-term regulatory compliance strategies from Regional Utility Services and Regulatory Affairs.



Business Services

Full-time employees: 99

Departmental operating budget: \$27,618,800

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Business services percentage of operating budget	22%	26%	29%
Number of local service accounts served by CWS	72,637	TBD	N/A
Number of regional service accounts served by CWS	109,046	TBD	N/A
Number of Board Items	121	72	N/A
Number of employees supported	404	403 (7/1/21 - 3/25/22)	
Write off uncollectable rates and fees	\$160,231	\$225,560	\$228,300
Number of financial audit findings	0	0	0
Estimated population	600,372	600,811	N/A
Estimated number of household	227,414	227,580	N/A
Median household income (census 2016-2020 estimate)	\$86,626	\$86,626	N/A
BIPOC population as a percentage of total (data from DataUSA)	N/A	35.6%	N/A
Residential and commercial rate revenue	\$138,648,809	\$145,992,400	\$153,292,200
Industrial rate revenue	\$14,983,139	\$15,867,700	\$16,661,100

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Office of CEO: Percentage FTE of CWS	1.0%	1.4%	1.4%
Office of CEO: Percentage of CWS operating budget	1.2%	1.7%	2.1%
Administrative Services: Percentage FTE of CWS	N/A	N/A	2.5%
Administrative Services: Percentage of CWS operating budget	N/A	N/A	1.5%
Business Opportunities & Operations: Percentage FTE of CWS	N/A	1.9%	1.8%
Business Opportunities & Operations: Percentage of CWS operating budget	N/A	1.3%	1.1%
Communications & Community Engagement: Percentage FTE of CWS	2.5%	2.8%	2.7%
Communications & Community Engagement: Percentage of CWS operating budget	2.2%	2.8%	2.8%
Culture, Equity & Learning: Percentage FTE of CWS	N/A	N/A	0.5%
Culture, Equity & Learning: Percentage of CWS operating budget	N/A	N/A	0.7%
Digital Solutions: Percentage FTE of CWS	3.9%	4.0%	3.8%
Digital Solutions: Percentage of CWS operating budget	5.6%	5.4%	6.2%
Finance & Accounting: Percentage FTE of CWS	4.2%	3.5%	3.6%
Finance & Accounting: Percentage of CWS operating budget	4.2%	3.8%	4.2%
Government Affairs: Percentage FTE of CWS	1.2%	0.9%	N/A
Government Affairs: Percentage of CWS operating budget	2.0%	1.1%	N/A
Human Resources: Percentage FTE of CWS	1.4%	1.4%	1.8%
Human Resources: Percentage of CWS operating budget	1.1%	1.5%	1.7%
Legal Services: Percentage FTE of CWS	0.7%	0.7%	0.7%
Legal Services: Percentage of CWS operating budget	1.1%	0.9%	0.8%
Research & Innovation: Percentage FTE of CWS	1.5%	1.9%	1.6%
Research & Innovation: Percentage of CWS operating budget	1.8%	1.8%	1.1%
Risk & Insurance Management: Percentage FTE of CWS	0.9%	1.2%	0.5%
Risk & Insurance Management: Percentage of CWS operating budget	4.0%	4.6%	4.2%
Strategy Development & Enterprise Performance Systems: Percentage FTE of CWS	0.5%	0.9%	1.6%
Strategy Development & Enterprise Performance Systems: Percentage of CWS operating budget	1.0%	1.0%	2.2%

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Understanding customer satisfaction: Customer awareness and satisfaction	64%	N/A	TBD
Board initiatives: Percentage of Board initiatives met	100%	100%	100%
Knowing if our rates are predictable and reasonable:			
Sanitary sewer rate as a percentage of comparator average	72%	73%	73%
Sanitary sewer rate ranking among comparators (highest to lowest)	6 of 7	5 of 7	5 of 7
Stormwater management rate as a % of comparator average	67%	67%	67%
Stormwater management rate ranking among comparators (highest to lowest)	7 of 7	7 of 7	7 of 7
Understanding our risk management:			
Legal defense cost incurred	\$0	\$0	N/A
Total claims cost incurred	\$123,617	\$406,795	N/A
Bid protests (percentage of bids)	0%	5%	5%
Understanding acquisition and retainment of talent:			
Authorized positions filled	60	50 (7/1/21 - 3/25/22)	N/A
Workforce diversity – % of BIPOC employees	N/A	13%	TBD
Workforce diversity – % of female and nonbinary employees	N/A	29%	TBD
Understanding financial sustainability:			
Revenue (percentage actual to budget)	103%	102%	103%
O&M Expenditures (percentage actual to budget)	86%	90%	87%
Capital expenditures (percentage actual to budget)	64%	85%	75%
Moody's / Standard & Poor's credit rating	AAA/Aa1	AAA/Aa1	AAA/Aa1
Debt coverage ratio	4.02	4.86	5.51

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

Objectives	Initiative Statements	KSO
Develop climate adaptation framework and strategies	Develop a roadmap that defines CWS climate action initiatives and report to the Board on status. Work with partners to address fire risks that impact water supply. Develop strategies to manage fire risk to CWS restoration areas.	
Develop a resilient and sustainable workforce	Complete a class and compensation study.	
Manage water security and resilience	Work with federal delegation and state and regional partners to advocate, support, and maintain priority of Reclamation's Scoggins Dam safety modifications. Provide regular project report status to the Board.	
Develop framework and policies for equity, diversity, and inclusion	Create Culture, Equity & Learning program to develop and manage strategies that make CWS a place where every employee can learn, grow, and thrive, and that creates positive equity benefits in our region. Working closely with internal teams and external partners, advance CWS key strategic outcomes through activities including equity, diversity, and inclusion learning, employee engagement, organization development, and culture growth. Present the CEL roadmap and report to the Board on status. Four focus areas include: a. Hiring and recruiting b. Internships and apprenticeships c. Procurement d. Culture and equity action	
Strengthen financial stewardship	1. Develop CWS investment policy and report status to the Board. 2. Complete a cost of services analysis (COSA) 3. Formalized fund balance and reserve policy 4. GFOA BP on CIP	
Strengthen partnerships with cities, county, and special service districts	1. Complete intergovernmental agreement renewals with cities of Hillsboro and Beaverton. 2. Communicate directly with elected officials.	
Develop Clean Water Services as an organization	Continue to implement Performance Excellence metrics and roadmaps. Define the strategic industry value of Clean Water Services and report to the Board.	
Implement innovation in permitting to advance the watershed-based approach	1. Regulatory permitting and compliance 2. Complete the watershed-based permit renewal. Develop and implement compliance strategies for the new permit. Research and innovate on compliance strategies for the next permit. 3. Present the Water Reuse roadmap to the Board. Implement Year 1 of the roadmap.	
Develop plan to foster innovative utility operations	Develop a roadmap and business plan to develop ripl programs.	
Develop a plan for sustainable management of CWS assets	Develop an organizationwide facility plan and update the Board.	



BUSINESS SERVICES ▼ Department Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	5,842,427	7,286,361	10,196,500	11,146,900	
Temporary	51130	516,270	698,340	513,700	366,700	
Overtime	51140	24,986	19,207	5,000	8,000	
Other Personnel Expenses	51600	2,161,758	2,681,523	4,073,000	4,550,600	
Other Employee Allowances	51900	0	525	800	600	
Auto Allowance	51910	11,160	14,780	11,100	23,200	
Mobile Computing Allowance	51915	25,748	30,103	29,600	27,200	
PERSONNEL EXPENSE SUBTOTAL		8,582,349	10,730,838	14,829,700	16,123,200	8.7%
Contracted Services	52205	148,516	250,848	146,500	164,000	
Audit & Accounting Services	52220	50,000	61,500	53,000	54,500	
Professional Services	52240	513,075	566,518	1,240,300	2,148,600	
Laundry	52260	0	0	0	300	
Other Government Services	52270	1,669,344	1,682,713	1,368,900	1,585,100	
Office Supplies	52305	13,967	7,149	21,800	41,200	
Operating Supplies	52310	10,183	1,979	41,100	45,200	
Tech & Scientific Supplies	52325	38	90,665	92,000	103,900	
Repair & Maintenance Supplies	52330	57	420	0	0	
Construction & Building Supplies	52335	631	507	0	0	
Parts & Equipment	52340	0	0	0	21,700	
Small Tools	52350	39,956	6,096	13,900	12,300	
Safety Equipment	52360	3,299	2,104	3,900	0	
Postage & Freight	52375	1,861	1,114	3,200	6,500	
Software Expensed	52380	7,475	7,298	500	500	
Computer Equipment Expensed	52385	100,795	76,113	35,000	32,000	
Dues & Memberships	52405	179,460	196,365	237,100	283,100	
Books, Subscriptions & Publications	52410	78,247	80,125	89,000	91,700	
Tri-Met Subsidy	52420	22,622	19,671	27,000	27,000	
Software Licenses & Support	52425	766,246	809,531	1,289,000	2,108,000	
Publication Notices	52430	2,036	6,042	9,300	8,900	
Printing	52435	61,812	38,888	56,700	57,600	
Telecom Internal	52440	2,006	0	0	0	
Telephone Services	52445	185,115	231,687	260,000	246,000	
Fueling Contract	52475	162	50	500	600	
Training & Education	52480	52,951	62,152	67,600	94,500	
Travel Expense	52485	71,100	3,539	63,300	81,400	
Fleet Charges	52486	260	0	800	600	
Private Mileage	52487	4,491	4,024	16,200	11,700	
Other Materials & Services	52495	305,268	318,864	313,400	374,600	
Permits, Licenses & Fees	52500	425	100	0	500	
Bank Service Charge	52515	8,923	8,459	10,000	143,000	
Bond Trustee Fees	52550	2,938	2,938	5,000	5,000	
Equipment Rental	52605	72	0	0	0	
Repair & Maintenance Services	52610	57,502	194,665	140,000	2,000	
Computer Repair & Maintenance	52630	79	0	0	154,000	
Insurance	52705	1,760,774	2,156,016	3,192,000	3,589,600	
MATERIALS & SERVICES SUBTOTAL		6,121,683	6,888,140	8,797,000	11,495,600	30.7%
TOTAL EXPENDITURE		14,704,032	17,618,978	23,626,700	27,618,800	16.9%

BSD POSITION AND SALARY EXPENSE ▼ Office of the CEO | 8101

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Chief Executive Officer	Contract	No
0.00	0.00	1.00	1.00	Chief of Staff	14	No
0.00	0.00	1.00	1.00	Chief Operating Officer	16	No
0.00	0.00	1.00	1.00	Chief Utility Relations Officer	14	No
0.00	0.00	1.00	1.00	Chief Strategy Officer	14	No
1.00	1.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	1.00	1.00	Executive Assistant	6	No
2.00	0.00	0.00	0.00	Administrative Associate	3	No
1.00	1.00	0.00	0.00	Business Practice Leader 1 - Integrated Planning	10	No
0.00	1.00	0.00	0.00	Financial Analyst	6	No
1.00	0.00	0.00	0.00	Office Manager	6	No
6.00	4.00	6.00	6.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Chief Executive Officer	Contract	No
0.00	0.00	1.00	1.00	Chief of Staff	14	No
0.00	0.00	1.00	1.00	Chief Operating Officer	16	No
0.00	0.00	1.00	1.00	Chief Utility Relations Officer	14	No
0.00	0.00	1.00	1.00	Chief Strategy Officer	14	No
1.00	1.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	1.00	1.00	Executive Assistant	6	No
0.00	0.00	0.00	0.00	Administrative Services Manager	8	No
1.00	1.00	0.00	0.00	Business Practice Leader 1 - Integrated Planning	10	No
0.00	1.00	0.00	0.00	Financial Analyst	6	No
1.00	0.00	0.00	0.00	Office Manager	6	No
6.00	4.00	6.00	6.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Chief Executive Officer	Contract	No
0.00	0.00	0.00	0.00	Chief of Staff	14	No
0.00	0.00	0.00	0.00	Chief Operating Officer	16	No
0.00	0.00	0.00	0.00	Chief Utility Relations Officer	14	No
0.00	0.00	0.00	0.00	Chief Strategy Officer	14	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Executive Assistant	6	No
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	Business Practice Leader 1 - Integrated Planning	10	No
0.00	0.00	0.00	0.00	Financial Analyst	6	No
0.00	0.00	0.00	0.00	Office Manager	6	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Office of the CEO | 8101

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
636,216	555,838	1,183,700	Wages & Other Pay	51100	1,347,900	1,347,900	1,347,900
122,177	15,556	0	Temporary	51130	0	0	0
788	0	0	Overtime	51140	0	0	0
224,119	157,782	397,700	Other Personnel Expenses	51600	513,800	513,800	513,800
0	0	200	Other Employee Allowances	51900	200	200	200
3,720	3,720	7,400	Auto Allowance	51910	15,700	15,700	15,700
3,775	2,865	1,600	Mobile Computing Allowance	51915	0	0	0
990,794	735,762	1,590,600	PERSONNEL EXPENSE SUBTOTAL		1,877,600	1,877,600	1,877,600
14,004	71,327	0	Contracted Services	52205	0	0	0
0	0	0	Audit & Accounting Services	52220	0	0	0
30,657	25,247	100,000	Professional Services	52240	100,000	100,000	100,000
0	0	0	Laundry	52260	0	0	0
503,890	5	0	Other Government Services	52270	0	0	0
10,227	564	1,500	Office Supplies	52305	500	500	500
808	0	5,000	Operating Supplies	52310	1,000	1,000	1,000
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
658	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
82	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
434	2,460	5,000	Computer Equipment Expensed	52385	2,500	2,500	2,500
148,284	2,168	5,300	Dues & Memberships	52405	6,800	6,800	6,800
2,869	639	2,500	Books, Subscriptions & Publications	52410	1,000	1,000	1,000
0	0	0	Tri-Met Subsidy	52420	0	0	0
0	378	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
103	43	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
10,073	7,952	5,600	Training & Education	52480	5,600	5,600	5,600
18,422	2,711	16,000	Travel Expense	52485	16,000	16,000	16,000
0	0	0	Fleet Charges	52486	0	0	0
169	41	900	Private Mileage	52487	900	900	900
21,186	1,320	12,000	Other Materials & Services	52495	5,000	5,000	5,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
761,865	114,854	153,800	MATERIALS & SERVICES SUBTOTAL		139,300	139,300	139,300
1,752,660	850,616	1,744,400	TOTAL EXPENDITURE		2,016,900	2,016,900	2,016,900

BSD POSITION AND SALARY EXPENSE ▼ Administrative Services | 8116

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	8.00	Administrative Associate	3	No
0.00	0.00	0.00	2.00	Administrative Assistant	4	No
0.00	0.00	0.00	1.00	Office Manager	6	No
0.00	0.00	0.00	11.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	8.00	Administrative Associate	3	No
0.00	0.00	0.00	2.00	Administrative Assistant	4	No
0.00	0.00	0.00	1.00	Office Manager	6	No
0.00	0.00	0.00	11.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	Administrative Assistant	4	No
0.00	0.00	0.00	0.00	Office Manager	6	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Administrative Services | 8116

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	770,500	770,500	770,500
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	2,000	2,000	2,000
0	0	0	0 Other Personnel Expenses	51600	411,100	411,100	411,100
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	800	800	800
0	0	0	PERSONNEL EXPENSE SUBTOTAL		1,184,400	1,184,400	1,184,400
0	0	0	0 Contracted Services	52205	6,500	6,500	6,500
0	0	0	0 Audit & Accounting Services	52220	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	40,000	40,000	40,000
0	0	0	0 Office Supplies	52305	31,000	31,000	31,000
0	0	0	0 Operating Supplies	52310	17,000	17,000	17,000
0	0	0	0 Tech & Scientific Supplies	52325	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Parts & Equipment	52340	0	0	0
0	0	0	0 Small Tools	52350	200	200	200
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Software Expensed	52380	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	182,000	182,000	182,000
0	0	0	0 Books, Subscriptions & Publications	52410	400	400	400
0	0	0	0 Tri-Met Subsidy	52420	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telecom Internal	52440	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	7,600	7,600	7,600
0	0	0	0 Travel Expense	52485	1,000	1,000	1,000
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
0	0	0	0 Other Materials & Services	52495	1,000	1,000	1,000
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Franchise Fees	52530	0	0	0
0	0	0	0 Payment Adjustment to Cities	52540	0	0	0
0	0	0	0 Bond Trustee Fees	52550	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Computer Repair & Maintenance	52630	0	0	0
0	0	0	0 Insurance	52705	0	0	0
0	0	0	MATERIALS & SERVICES SUBTOTAL		286,700	286,700	286,700
0	0	0	TOTAL EXPENDITURE		1,471,100	1,471,100	1,471,100

BSD POSITION AND SALARY EXPENSE ▼ Business Opportunities & Operations | 8503

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	2.00	0.00	Administrative Assistant	4	No
0.00	0.00	1.00	1.00	Business Opportunites Manager	11	No
0.00	0.00	0.00	0.00	Contracts Coordinator	6	No
0.00	0.00	1.00	1.00	Procurement Coordinator	6	No
0.00	0.00	3.00	5.00	Program Support Specialist	5	No
0.00	0.00	1.00	1.00	Procurement Supervisor	8	No
0.00	0.00	8.00	8.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	2.00	0.00	Administrative Assistant	4	No
0.00	0.00	1.00	1.00	Business Opportunites Manager	11	No
0.00	0.00	0.00	0.00	Contracts Coordinator	6	No
0.00	0.00	1.00	1.00	Procurement Coordinator	6	No
0.00	0.00	3.00	5.00	Program Support Specialist	5	No
0.00	0.00	1.00	1.00	Procurement Supervisor	8	No
0.00	0.00	8.00	8.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Administrative Assistant	4	No
0.00	0.00	0.00	0.00	Business Opportunites Manager	11	No
0.00	0.00	0.00	0.00	Contracts Coordinator	6	No
0.00	0.00	0.00	0.00	Procurement Coordinator	6	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Procurement Supervisor	8	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Business Opportunities & Operations | 8503

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	769,000	Wages & Other Pay	51100	712,900	712,900	712,900
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	1,000	1,000	1,000
0	0	339,000	Other Personnel Expenses	51600	301,800	301,800	301,800
0	0	0	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
0	0	1,600	Mobile Computing Allowance	51915	1,600	1,600	1,600
0	0	1,109,600	PERSONNEL EXPENSE SUBTOTAL		1,017,300	1,017,300	1,017,300
0	0	1,000	Contracted Services	52205	1,000	1,000	1,000
0	0	0	Audit & Accounting Services	52220	0	0	0
0	0	25,000	Professional Services	52240	10,000	10,000	10,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Other Government Services	52270	0	0	0
0	0	500	Office Supplies	52305	500	500	500
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	500	Postage & Freight	52375	300	300	300
0	0	500	Software Expensed	52380	500	500	500
0	0	500	Computer Equipment Expensed	52385	500	500	500
0	0	6,700	Dues & Memberships	52405	7,000	7,000	7,000
0	0	1,000	Books, Subscriptions & Publications	52410	2,000	2,000	2,000
0	0	0	Tri-Met Subsidy	52420	0	0	0
0	0	1,000	Software Licenses & Support	52425	1,000	1,000	1,000
0	0	0	Publication Notices	52430	0	0	0
0	0	500	Printing	52435	200	200	200
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	0	1,600	Training & Education	52480	2,800	2,800	2,800
0	0	2,600	Travel Expense	52485	3,600	3,600	3,600
0	0	0	Fleet Charges	52486	0	0	0
0	0	1,000	Private Mileage	52487	1,000	1,000	1,000
0	0	3,000	Other Materials & Services	52495	2,000	2,000	2,000
0	0	0	Permits, Licenses & Fees	52500	500	500	500
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
0	0	45,400	MATERIALS & SERVICES SUBTOTAL		32,900	32,900	32,900
0	0	1,155,000	TOTAL EXPENDITURE		1,050,200	1,050,200	1,050,200

BSD POSITION AND SALARY EXPENSE ▼ Communications & Community Engagement | 8112

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	1.00	0.00	Communications & Marketing Manager	8	No
0.00	2.00	2.00	2.00	Graphics Specialist	5	No
0.00	0.00	1.00	0.00	Program Support Specialist	5	No
0.00	1.00	1.00	1.00	Public Affairs Manager	10	No
0.00	2.00	1.00	2.00	Public Affairs Specialist	5	No
0.00	2.00	1.00	1.00	Public Involvement Coordinator	7	No
0.00	2.00	3.00	2.00	Sr Public Affairs Specialist	6	No
0.00	0.00	1.00	1.00	Volunteer & Education Specialist	5	No
0.00	0.00	1.00	0.00	Sr Management Analyst	8	No
0.00	0.00	0.00	1.00	Technical Editor & Communications Specialist	5	No
0.00	0.00	0.00	1.00	Sr Policy Analyst	8	No
0.00	0.00	0.00	1.00	Community Engagement Manager	8	No
0.00	10.00	12.00	12.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	1.00	0.00	Communications & Marketing Manager	8	No
0.00	2.00	2.00	2.00	Graphics Specialist	5	No
0.00	0.00	1.00	0.00	Program Support Specialist	5	No
0.00	1.00	1.00	1.00	Public Affairs Manager	10	No
0.00	2.00	1.00	2.00	Public Affairs Specialist	5	No
0.00	1.60	0.60	0.60	Public Involvement Coordinator	7	No
0.00	2.00	3.00	2.00	Sr Public Affairs Specialist	6	No
0.00	0.00	1.00	1.00	Volunteer & Education Specialist	5	No
0.00	0.00	1.00	0.00	Sr Management Analyst	8	No
0.00	0.00	0.00	1.00	Technical Editor & Communications Specialist	5	No
0.00	0.00	0.00	1.00	Sr Policy Analyst	8	No
0.00	0.00	0.00	1.00	Community Engagement Manager	8	No
0.00	9.60	11.60	11.60	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Communications & Marketing Manager	8	No
0.00	0.00	0.00	0.00	Graphics Specialist	5	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Public Affairs Manager	10	No
0.00	0.00	0.00	0.00	Public Affairs Specialist	5	No
0.00	0.40	0.40	0.40	Public Involvement Coordinator	7	No
0.00	0.00	0.00	0.00	Sr Public Affairs Specialist	6	No
0.00	0.00	0.00	0.00	Volunteer & Education Specialist	5	No
0.00	0.00	0.00	0.00	Sr Management Analyst	8	No
0.00	0.00	0.00	0.00	Technical Editor & Communications Specialist	5	No
0.00	0.00	0.00	0.00	Sr Policy Analyst	8	No
0.00	0.00	0.00	0.00	Community Engagement Manager	8	No
0.00	0.40	0.40	0.40	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Communications & Community Engagement | 8112

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	772,402	1,146,300	Wages & Other Pay	51100	1,204,800	1,204,800	1,204,800
0	93,458	129,200	Temporary	51130	10,000	10,000	10,000
0	2,113	2,000	Overtime	51140	2,000	2,000	2,000
0	301,694	471,800	Other Personnel Expenses	51600	504,200	504,200	504,200
0	0	0	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
0	5,145	5,600	Mobile Computing Allowance	51915	4,000	4,000	4,000
0	1,174,812	1,754,900	PERSONNEL EXPENSE SUBTOTAL		1,725,000	1,725,000	1,725,000
0	0	17,000	Contracted Services	52205	30,000	30,000	30,000
0	0	0	Audit & Accounting Services	52220	0	0	0
0	245,677	375,300	Professional Services	52240	387,300	387,300	387,300
0	0	0	Laundry	52260	0	0	0
0	0	15,000	Other Government Services	52270	152,000	152,000	152,000
0	398	1,000	Office Supplies	52305	800	800	800
0	0	1,100	Operating Supplies	52310	600	600	600
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	29	1,000	Postage & Freight	52375	1,400	1,400	1,400
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	1,814	2,200	Dues & Memberships	52405	4,200	4,200	4,200
0	2,806	2,000	Books, Subscriptions & Publications	52410	3,000	3,000	3,000
0	0	0	Tri-Met Subsidy	52420	0	0	0
0	15,305	10,000	Software Licenses & Support	52425	45,000	45,000	45,000
0	361	400	Publication Notices	52430	400	400	400
0	34,839	47,400	Printing	52435	48,900	48,900	48,900
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	500	Fueling Contract	52475	600	600	600
0	6,081	4,400	Training & Education	52480	16,500	16,500	16,500
0	0	4,500	Travel Expense	52485	13,000	13,000	13,000
0	0	800	Fleet Charges	52486	600	600	600
0	0	1,500	Private Mileage	52487	1,500	1,500	1,500
0	141,673	216,500	Other Materials & Services	52495	286,500	286,500	286,500
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
0	448,984	700,600	MATERIALS & SERVICES SUBTOTAL		992,300	992,300	992,300
0	1,623,795	2,455,500	TOTAL EXPENDITURE		2,717,300	2,717,300	2,717,300

BSD POSITION AND SALARY EXPENSE ▼ Culture, Equity & Learning | 8114

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	1.00	Sr Public Affairs Specialist	6	No
0.00	0.00	0.00	1.00	Sr Management Analyst	8	No
0.00	0.00	0.00	2.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	1.00	Sr Public Affairs Specialist	6	No
0.00	0.00	0.00	1.00	Sr Management Analyst	8	No
0.00	0.00	0.00	2.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Sr Public Affairs Specialist	6	No
0.00	0.00	0.00	0.00	Sr Management Analyst	8	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Culture, Equity & Learning | 8114

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	233,900	233,900	233,900
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Other Personnel Expenses	51600	104,500	104,500	104,500
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	1,600	1,600	1,600
0	0	0	PERSONNEL EXPENSE SUBTOTAL		340,000	340,000	340,000
0	0	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Audit & Accounting Services	52220	0	0	0
0	0	0	0 Professional Services	52240	231,000	231,000	231,000
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
0	0	0	0 Office Supplies	52305	500	500	500
0	0	0	0 Operating Supplies	52310	18,000	18,000	18,000
0	0	0	0 Tech & Scientific Supplies	52325	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Parts & Equipment	52340	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Software Expensed	52380	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	4,000	4,000	4,000
0	0	0	0 Books, Subscriptions & Publications	52410	500	500	500
0	0	0	0 Tri-Met Subsidy	52420	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telecom Internal	52440	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	4,000	4,000	4,000
0	0	0	0 Travel Expense	52485	3,000	3,000	3,000
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	500	500	500
0	0	0	0 Other Materials & Services	52495	40,000	40,000	40,000
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Franchise Fees	52530	0	0	0
0	0	0	0 Payment Adjustment to Cities	52540	0	0	0
0	0	0	0 Bond Trustee Fees	52550	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Computer Repair & Maintenance	52630	0	0	0
0	0	0	0 Insurance	52705	0	0	0
0	0	0	MATERIALS & SERVICES SUBTOTAL		301,500	301,500	301,500
0	0	0	TOTAL EXPENDITURE		641,500	641,500	641,500

BSD POSITION AND SALARY EXPENSE ▼ Digital Solutions | 8305

						Total
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Business Practice Leader 2 - Digital Solutions	11	No
2.00	2.00	2.00	2.00	Database Administrator	9	No
1.00	1.00	0.00	0.00	Data Management Analyst	8	No
1.00	1.00	1.00	1.00	Digital Solutions Opportunities Manager	10	No
1.00	2.00	2.00	2.00	Information Technology Enterprise Architect	9	No
0.00	1.00	1.00	1.00	Information Technology Systems Manager	10	No
1.00	1.00	2.00	2.00	Information Technology Technician	4	No
3.00	3.00	3.00	3.00	Information Technology Analyst	8	No
1.00	1.00	1.00	1.00	Programmer Analyst	8	No
4.00	3.00	3.00	3.00	Software Engineer	9	No
0.00	0.00	1.00	1.00	Cybersecurity Analyst	8	No
15.00	16.00	17.00	17.00	TOTAL PERSONNEL		
						Operating
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Business Practice Leader 2 - Digital Solutions	11	No
2.00	2.00	2.00	2.00	Database Administrator	9	No
1.00	1.00	0.00	0.00	Data Management Analyst	8	No
1.00	1.00	1.00	1.00	Digital Solutions Opportunities Manager	10	No
1.00	2.00	2.00	2.00	Information Technology Enterprise Architect	9	No
0.00	1.00	1.00	1.00	Information Technology Systems Manager	10	No
1.00	1.00	2.00	2.00	Information Technology Technician	4	No
3.00	3.00	3.00	3.00	Information Technology Analyst	8	No
1.00	1.00	1.00	1.00	Programmer Analyst	8	No
4.00	3.00	3.00	3.00	Software Engineer	9	No
0.00	0.00	1.00	1.00	Cybersecurity Analyst	8	No
15.00	16.00	17.00	17.00	TOTAL PERSONNEL		
						Operating
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Business Practice Leader 2 - Digital Solutions	11	No
0.00	0.00	0.00	0.00	Database Administrator	9	No
0.00	0.00	0.00	0.00	Data Management Analyst	8	No
0.00	0.00	0.00	0.00	Digital Solutions Opportunities Manager	10	No
0.00	0.00	0.00	0.00	Information Technology Enterprise Architect	9	No
0.00	0.00	0.00	0.00	Information Technology Systems Manager	10	No
0.00	0.00	0.00	0.00	Information Technology Technician	4	No
0.00	0.00	0.00	0.00	Information Technology Analyst	8	No
0.00	0.00	0.00	0.00	Programmer Analyst	8	No
0.00	0.00	0.00	0.00	Software Engineer	9	No
0.00	0.00	0.00	0.00	Cybersecurity Analyst	8	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Digital Solutions | 8305

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,768,097	1,910,334	2,123,000	Wages & Other Pay	51100	2,179,400	2,179,400	2,179,400
53,421	48,642	25,000	Temporary	51130	65,000	65,000	65,000
20,727	12,992	0	Overtime	51140	0	0	0
616,554	659,937	819,800	Other Personnel Expenses	51600	812,400	812,400	812,400
0	0	0	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
9,851	10,965	10,000	Mobile Computing Allowance	51915	10,800	10,800	10,800
2,468,651	2,642,870	2,977,800	PERSONNEL EXPENSE SUBTOTAL		3,067,600	3,067,600	3,067,600
27,710	44,385	30,000	Contracted Services	52205	30,000	30,000	30,000
0	0	0	Audit & Accounting Services	52220	0	0	0
4,000	14,476	150,000	Professional Services	52240	185,000	185,000	185,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Other Government Services	52270	4,000	4,000	4,000
396	159	1,500	Office Supplies	52305	1,500	1,500	1,500
6,886	1,107	500	Operating Supplies	52310	500	500	500
38	0	0	Tech & Scientific Supplies	52325	0	0	0
57	0	0	Repair & Maintenance Supplies	52330	0	0	0
526	507	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
37,683	5,666	10,000	Small Tools	52350	10,000	10,000	10,000
296	0	0	Safety Equipment	52360	0	0	0
760	231	0	Postage & Freight	52375	1,000	1,000	1,000
7,298	7,298	0	Software Expensed	52380	0	0	0
84,399	73,031	25,000	Computer Equipment Expensed	52385	25,000	25,000	25,000
400	1,703	1,000	Dues & Memberships	52405	33,500	33,500	33,500
71,565	74,153	80,000	Books, Subscriptions & Publications	52410	80,000	80,000	80,000
0	0	0	Tri-Met Subsidy	52420	0	0	0
723,322	747,034	1,275,700	Software Licenses & Support	52425	2,062,000	2,062,000	2,062,000
395	0	0	Publication Notices	52430	1,000	1,000	1,000
84	989	100	Printing	52435	100	100	100
2,006	0	0	Telecom Internal	52440	0	0	0
185,115	231,687	260,000	Telephone Services	52445	246,000	246,000	246,000
0	0	0	Fueling Contract	52475	0	0	0
15,708	27,638	22,500	Training & Education	52480	22,500	22,500	22,500
19,468	0	11,100	Travel Expense	52485	11,100	11,100	11,100
0	0	0	Fleet Charges	52486	0	0	0
683	505	1,800	Private Mileage	52487	1,800	1,800	1,800
5,856	117	2,000	Other Materials & Services	52495	2,000	2,000	2,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
72	0	0	Equipment Rental	52605	0	0	0
57,502	194,665	140,000	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	154,000	154,000	154,000
0	0	0	Insurance	52705	0	0	0
1,252,224	1,425,352	2,011,200	MATERIALS & SERVICES SUBTOTAL		2,871,000	2,871,000	2,871,000
3,720,874	4,068,222	4,989,000	TOTAL EXPENDITURE		5,938,600	5,938,600	5,938,600

BSD POSITION AND SALARY EXPENSE ▼ Finance & Accounting | 8504

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Accounting Specialist	4	No
1.00	1.00	0.00	0.00	Administrative Associate	3	No
3.00	3.00	3.00	3.00	Associate Accounting Clerk	2	Yes
1.00	1.00	0.00	0.00	Budget & Support Services Supervisor	8	No
0.00	1.00	0.00	0.00	Business Practice Leader 2 - Financial Strategist	11	No
1.00	1.00	1.00	1.00	Business Systems Analyst 2	8	No
1.00	1.00	1.00	1.00	Chief Financial Officer	14	No
1.00	1.00	0.00	0.00	Controller	10	No
2.00	2.00	2.00	2.00	Customer Service Representative	2	Yes
0.00	0.00	1.00	1.00	Finance Manager	10	No
1.00	1.00	1.00	1.00	Payroll Coordinator	6	No
1.00	1.00	0.00	0.00	Procurement Coordinator	6	No
1.00	2.00	2.00	2.00	Program Support Specialist	5	No
1.00	1.00	1.00	1.00	Sr Accountant	6	No
0.00	0.00	1.00	1.00	Accounting Manager	10	No
0.00	0.00	1.00	2.00	Accountant	6	No
15.00	17.00	15.00	16.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Accounting Specialist	4	No
1.00	1.00	0.00	0.00	Administrative Associate	3	No
3.00	3.00	3.00	3.00	Associate Accounting Clerk	2	Yes
1.00	1.00	0.00	0.00	Budget & Support Services Supervisor	8	No
0.00	1.00	0.00	0.00	Business Practice Leader 2 - Financial Strategist	11	No
1.00	1.00	1.00	1.00	Business Systems Analyst 2	8	No
1.00	1.00	1.00	1.00	Chief Financial Officer	14	No
1.00	1.00	0.00	0.00	Controller	10	No
2.00	2.00	2.00	2.00	Customer Service Representative	2	Yes
0.00	0.00	1.00	1.00	Finance Manager	10	No
1.00	1.00	1.00	1.00	Payroll Coordinator	6	No
1.00	1.00	0.00	0.00	Procurement Coordinator	6	No
1.00	2.00	2.00	2.00	Program Support Specialist	5	No
1.00	1.00	1.00	1.00	Sr Accountant	6	No
0.00	0.00	1.00	1.00	Accounting Manager	10	No
0.00	0.00	1.00	2.00	Accountant	6	No
15.00	17.00	15.00	16.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Accounting Specialist	4	No
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	Associate Accounting Clerk	2	Yes
0.00	0.00	0.00	0.00	Budget & Support Services Supervisor	8	No
0.00	0.00	0.00	0.00	Business Practice Leader 2 - Financial Strategist	11	No
0.00	0.00	0.00	0.00	Business Systems Analyst 2	8	No
0.00	0.00	0.00	0.00	Chief Financial Officer	14	No
0.00	0.00	0.00	0.00	Controller	10	No
0.00	0.00	0.00	0.00	Customer Service Representative	2	Yes
0.00	0.00	0.00	0.00	Finance Manager	10	No
0.00	0.00	0.00	0.00	Payroll Coordinator	6	No
0.00	0.00	0.00	0.00	Procurement Coordinator	6	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Sr Accountant	6	No
0.00	0.00	0.00	0.00	Accounting Manager	10	No
0.00	0.00	0.00	0.00	Accountant	6	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Finance & Accounting | 8504

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,174,648	1,341,754	1,423,200	Wages & Other Pay	51100	1,571,900	1,571,900	1,571,900
9,871	1,528	50,000	Temporary	51130	50,000	50,000	50,000
695	812	0	Overtime	51140	1,000	1,000	1,000
502,840	548,910	659,400	Other Personnel Expenses	51600	712,100	712,100	712,100
0	0	0	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
2,520	3,045	3,200	Mobile Computing Allowance	51915	2,400	2,400	2,400
1,690,573	1,896,049	2,135,800	PERSONNEL EXPENSE SUBTOTAL		2,337,400	2,337,400	2,337,400
0	9,360	0	Contracted Services	52205	0	0	0
50,000	61,500	53,000	Audit & Accounting Services	52220	54,500	54,500	54,500
18,846	4,903	80,000	Professional Services	52240	115,000	115,000	115,000
0	0	0	Laundry	52260	0	0	0
1,127,576	1,082,200	1,200,000	Other Government Services	52270	1,388,100	1,388,100	1,388,100
1,092	1,855	2,200	Office Supplies	52305	2,200	2,200	2,200
1,850	0	2,000	Operating Supplies	52310	2,000	2,000	2,000
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
105	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
362	0	600	Small Tools	52350	600	600	600
0	0	0	Safety Equipment	52360	0	0	0
256	14	1,200	Postage & Freight	52375	1,200	1,200	1,200
0	0	0	Software Expensed	52380	0	0	0
2,206	0	4,000	Computer Equipment Expensed	52385	4,000	4,000	4,000
7,692	7,738	3,800	Dues & Memberships	52405	3,800	3,800	3,800
437	357	500	Books, Subscriptions & Publications	52410	500	500	500
0	0	0	Tri-Met Subsidy	52420	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
195	3,530	4,500	Publication Notices	52430	4,500	4,500	4,500
2,388	4,214	6,000	Printing	52435	6,000	6,000	6,000
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
2,966	5,699	4,900	Training & Education	52480	6,400	6,400	6,400
3,435	0	3,900	Travel Expense	52485	5,400	5,400	5,400
0	0	0	Fleet Charges	52486	0	0	0
902	6	1,600	Private Mileage	52487	1,600	1,600	1,600
2,345	1,423	5,400	Other Materials & Services	52495	5,400	5,400	5,400
0	0	0	Permits, Licenses & Fees	52500	0	0	0
8,923	8,459	10,000	Bank Service Charge	52515	143,000	143,000	143,000
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
2,938	2,938	5,000	Bond Trustee Fees	52550	5,000	5,000	5,000
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
1,234,513	1,194,196	1,388,600	MATERIALS & SERVICES SUBTOTAL		1,749,200	1,749,200	1,749,200
2,925,086	3,090,245	3,524,400	TOTAL EXPENDITURE		4,086,600	4,086,600	4,086,600

BSD POSITION AND SALARY EXPENSE ▼ Human Resources | 8501

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.50	1.00	1.00	Compensation & Benefits Manager	9	No
1.00	0.00	0.00	0.00	Employee & Labor Relations Manager	11	No
0.00	1.00	1.00	1.00	Employee Relations Program Manager	8	No
0.00	0.50	0.50	1.00	Human Resoures & Risk Mgmt Director	13	No
1.00	0.50	0.50	1.00	Human Resources Specialist	5	No
4.00	3.00	3.00	3.00	Sr Human Resources Analyst	7	No
0.00	0.00	0.00	1.00	Human Resources Analyst	6	No
6.00	5.50	6.00	8.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.50	1.00	1.00	Compensation & Benefits Manager	9	No
1.00	0.00	0.00	0.00	Employee & Labor Relations Manager	11	No
0.00	1.00	1.00	1.00	Employee Relations Program Manager	8	No
0.00	0.50	0.50	1.00	Human Resoures & Risk Mgmt Director	13	No
1.00	0.50	0.50	1.00	Human Resources Specialist	5	No
4.00	3.00	3.00	3.00	Sr Human Resources Analyst	7	No
0.00	0.00	0.00	1.00	Human Resources Analyst	6	No
6.00	5.50	6.00	8.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Compensation & Benefits Manager	9	No
0.00	0.00	0.00	0.00	Employee & Labor Relations Manager	11	No
0.00	0.00	0.00	0.00	Employee Relations Program Manager	8	No
0.00	0.00	0.00	0.00	Human Resoures & Risk Mgmt Director	13	No
0.00	0.00	0.00	0.00	Human Resources Specialist	5	No
0.00	0.00	0.00	0.00	Sr Human Resources Analyst	7	No
0.00	0.00	0.00	0.00	Human Resources Analyst	6	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Human Resources | 8501

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
472,424	501,371	688,700	Wages & Other Pay	51100	964,700	964,700	964,700
51,837	56,816	75,000	Temporary	51130	60,000	60,000	60,000
240	0	0	Overtime	51140	1,000	1,000	1,000
132,705	155,526	237,700	Other Personnel Expenses	51600	360,600	360,600	360,600
0	0	0	Other Employee Allowances	51900	0	0	0
0	2,015	0	Auto Allowance	51910	3,800	3,800	3,800
840	438	400	Mobile Computing Allowance	51915	800	800	800
658,047	716,166	1,001,800	PERSONNEL EXPENSE SUBTOTAL		1,390,900	1,390,900	1,390,900
266	0	600	Contracted Services	52205	600	600	600
0	0	0	Audit & Accounting Services	52220	0	0	0
42,877	83,224	230,000	Professional Services	52240	225,000	225,000	225,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Other Government Services	52270	0	0	0
182	152	500	Office Supplies	52305	500	500	500
595	0	0	Operating Supplies	52310	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
985	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
56	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
4,608	0	0	Computer Equipment Expensed	52385	0	0	0
1,046	1,899	1,100	Dues & Memberships	52405	1,100	1,100	1,100
400	0	300	Books, Subscriptions & Publications	52410	0	0	0
0	0	27,000	Tri-Met Subsidy	52420	27,000	27,000	27,000
0	0	0	Software Licenses & Support	52425	0	0	0
1,313	1,920	3,500	Publication Notices	52430	2,000	2,000	2,000
47	127	200	Printing	52435	200	200	200
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
6,364	(2,162)	12,500	Training & Education	52480	12,500	12,500	12,500
2,235	0	3,500	Travel Expense	52485	3,500	3,500	3,500
0	0	0	Fleet Charges	52486	0	0	0
608	118	400	Private Mileage	52487	400	400	400
10,280	13,899	15,000	Other Materials & Services	52495	15,000	15,000	15,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
71,861	99,178	294,600	MATERIALS & SERVICES SUBTOTAL		287,800	287,800	287,800
729,908	815,344	1,296,400	TOTAL EXPENDITURE		1,678,700	1,678,700	1,678,700

BSD POSITION AND SALARY EXPENSE ▼ Legal Services | 8102

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Contracts Coordinator	6	No
1.00	1.00	1.00	1.00	General Counsel	14	No
0.00	0.00	1.00	0.00	Paralegal	6	No
1.00	1.00	1.00	1.00	Senior Assistant Legal Counsel	10	No
0.00	0.00	0.00	1.00	Legal Assistant	5	No
3.00	3.00	3.00	3.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Contracts Coordinator	6	No
1.00	1.00	1.00	1.00	General Counsel	14	No
0.00	0.00	1.00	0.00	Paralegal	6	No
1.00	1.00	1.00	1.00	Senior Assistant Legal Counsel	10	No
0.00	0.00	0.00	1.00	Legal Assistant	5	No
3.00	3.00	3.00	3.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Contracts Coordinator	6	No
0.00	0.00	0.00	0.00	General Counsel	14	No
0.00	0.00	0.00	0.00	Paralegal	6	No
0.00	0.00	0.00	0.00	Senior Assistant Legal Counsel	10	No
0.00	0.00	0.00	0.00	Legal Assistant	5	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Legal Services | 8102

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
461,075	478,832	489,500	Wages & Other Pay	51100	453,700	453,700	453,700
27,921	30,053	25,000	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
161,288	170,096	178,600	Other Personnel Expenses	51600	183,100	183,100	183,100
0	0	0	Other Employee Allowances	51900	0	0	0
3,720	3,720	3,700	Auto Allowance	51910	3,700	3,700	3,700
840	840	800	Mobile Computing Allowance	51915	800	800	800
654,844	683,541	697,600	PERSONNEL EXPENSE SUBTOTAL		641,300	641,300	641,300
0	21,179	22,000	Contracted Services	52205	22,000	22,000	22,000
0	0	0	Audit & Accounting Services	52220	0	0	0
30,318	101,800	50,000	Professional Services	52240	80,000	80,000	80,000
0	0	0	Laundry	52260	0	0	0
0	712	4,100	Other Government Services	52270	1,000	1,000	1,000
194	429	300	Office Supplies	52305	600	600	600
9	0	0	Operating Supplies	52310	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
116	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
2,087	0	0	Computer Equipment Expensed	52385	0	0	0
1,391	1,564	1,500	Dues & Memberships	52405	1,500	1,500	1,500
1,095	0	1,500	Books, Subscriptions & Publications	52410	1,500	1,500	1,500
0	0	0	Tri-Met Subsidy	52420	0	0	0
2,000	735	0	Software Licenses & Support	52425	0	0	0
58	0	0	Publication Notices	52430	1,000	1,000	1,000
0	0	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
1,690	1,194	3,300	Training & Education	52480	3,300	3,300	3,300
77	0	2,000	Travel Expense	52485	2,000	2,000	2,000
0	0	0	Fleet Charges	52486	0	0	0
105	0	1,000	Private Mileage	52487	500	500	500
563	406	500	Other Materials & Services	52495	500	500	500
0	100	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
39,702	128,118	86,200	MATERIALS & SERVICES SUBTOTAL		113,900	113,900	113,900
694,546	811,659	783,800	TOTAL EXPENDITURE		755,200	755,200	755,200

BSD POSITION AND SALARY EXPENSE ▼ Research & Innovation | 8113

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Administrative Associate	3	No
0.00	1.00	1.00	1.00	Operations Analyst 1	6	No
0.00	0.00	1.00	1.00	Operations Specialist - Research	5	No
0.00	1.00	1.00	1.00	Research & Innovation Director*	13	No
0.00	1.00	1.00	0.00	Senior Engineer	9	No
0.00	1.00	1.00	1.00	Senior Operations Analyst*	9	No
0.00	1.00	1.00	1.00	Water Resources Analyst - Regulatory	8	No
0.00	1.00	1.00	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	1.00	Senior Water Resources Program Manager	10	No
0.00	0.00	0.00	1.00	Principal Engineer	10	No
0.00	6.00	8.00	7.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Administrative Associate	3	No
0.00	1.00	1.00	1.00	Operations Analyst 1	6	No
0.00	0.00	1.00	1.00	Operations Specialist - Research	5	No
0.00	1.00	1.00	1.00	Research & Innovation Director*	13	No
0.00	1.00	1.00	0.00	Senior Engineer	9	No
0.00	1.00	1.00	1.00	Senior Operations Analyst*	9	No
0.00	1.00	1.00	1.00	Water Resources Analyst - Regulatory	8	No
0.00	1.00	1.00	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	1.00	Senior Water Resources Program Manager	10	No
0.00	0.00	0.00	1.00	Principal Engineer	10	No
0.00	6.00	8.00	7.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Operations Specialist - Research	5	No
0.00	0.00	0.00	0.00	Research & Innovation Director	13	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Senior Operations Analyst	9	No
0.00	0.00	0.00	0.00	Water Resources Analyst - Regulatory	8	No
0.00	0.00	0.00	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	0.00	Senior Water Resources Program Manager	10	No
0.00	0.00	0.00	0.00	Principal Engineer	10	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

*Funds not allocated for position in FY23

BSD EXPENDITURE SUMMARY ▼ Research & Innovation | 8113

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	626,339	935,100	Wages & Other Pay	51100	475,700	475,700	475,700
0	282,197	109,500	Temporary	51130	181,700	181,700	181,700
0	1,617	0	Overtime	51140	0	0	0
0	213,261	382,100	Other Personnel Expenses	51600	202,800	202,800	202,800
0	525	400	Other Employee Allowances	51900	400	400	400
0	0	0	Auto Allowance	51910	0	0	0
0	1,955	2,000	Mobile Computing Allowance	51915	400	400	400
0	1,125,894	1,429,100	PERSONNEL EXPENSE SUBTOTAL		861,000	861,000	861,000
0	0	30,000	Contracted Services	52205	34,500	34,500	34,500
0	0	0	Audit & Accounting Services	52220	0	0	0
0	10,726	0	Professional Services	52240	300	300	300
0	0	0	Laundry	52260	300	300	300
0	0	0	Other Government Services	52270	0	0	0
0	98	0	Office Supplies	52305	300	300	300
0	54	20,000	Operating Supplies	52310	5,100	5,100	5,100
0	90,665	92,000	Tech & Scientific Supplies	52325	103,900	103,900	103,900
0	420	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	21,700	21,700	21,700
0	281	1,000	Small Tools	52350	1,000	1,000	1,000
0	0	0	Safety Equipment	52360	0	0	0
0	571	0	Postage & Freight	52375	2,500	2,500	2,500
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	399	1,500	Dues & Memberships	52405	2,500	2,500	2,500
0	179	0	Books, Subscriptions & Publications	52410	300	300	300
0	0	0	Tri-Met Subsidy	52420	0	0	0
0	800	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	4,719	2,000	Training & Education	52480	3,500	3,500	3,500
0	0	5,000	Travel Expense	52485	10,600	10,600	10,600
0	0	0	Fleet Charges	52486	0	0	0
0	3,223	5,000	Private Mileage	52487	1,000	1,000	1,000
0	44,920	0	Other Materials & Services	52495	200	200	200
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
0	157,055	156,500	MATERIALS & SERVICES SUBTOTAL		187,700	187,700	187,700
0	1,282,949	1,585,600	TOTAL EXPENDITURE		1,048,700	1,048,700	1,048,700

BSD POSITION AND SALARY EXPENSE ▼ Risk & Insurance Management | 8502

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.50	0.00	0.00	Compensation & Benefits Manager	9	No
0.00	0.50	0.50	0.00	Human Resources & Risk Mgmt Director	13	No
0.00	0.50	0.50	0.00	Human Resources Specialist	5	No
0.00	0.00	1.00	0.00	Operations Analyst 1	6	No
1.00	0.00	0.00	0.00	Risk and Benefits Manager	9	No
1.00	1.00	1.00	1.00	Risk & Safety Analyst	6	No
0.00	0.00	1.00	0.00	Safety Program Manager	8	No
1.00	1.00	1.00	0.00	Sr Risk Management Analyst	7	No
0.00	0.00	0.00	1.00	Strategic Risk Manager	9	No
3.00	3.50	5.00	2.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.50	0.00	0.00	Compensation & Benefits Manager	9	No
0.00	0.50	0.50	0.00	Human Resources & Risk Mgmt Director	13	No
0.00	0.50	0.50	0.00	Human Resources Specialist	5	No
0.00	0.00	1.00	0.00	Operations Analyst 1	6	No
1.00	0.00	0.00	0.00	Risk and Benefits Manager	9	No
1.00	1.00	1.00	1.00	Risk & Safety Analyst	6	No
0.00	0.00	1.00	0.00	Safety Program Manager	8	No
1.00	1.00	1.00	0.00	Sr Risk Management Analyst	7	No
0.00	0.00	0.00	1.00	Strategic Risk Manager	9	No
3.00	3.50	5.00	2.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Compensation & Benefits Manager	9	No
0.00	0.00	0.00	0.00	Human Resources & Risk Mgmt Director	13	No
0.00	0.00	0.00	0.00	Human Resources Specialist	5	No
0.00	0.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Risk and Benefits Manager	9	No
0.00	0.00	0.00	0.00	Risk & Safety Analyst	6	No
0.00	0.00	0.00	0.00	Safety Program Manager	8	No
0.00	0.00	0.00	0.00	Sr Risk Management Analyst	7	No
0.00	0.00	0.00	0.00	Strategic Risk Manager	9	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Risk & Insurance Management | 8502

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
161,837	350,832	570,100	Wages & Other Pay	51100	241,200	241,200	241,200
107,352	106,411	75,000	Temporary	51130	0	0	0
311	103	1,000	Overtime	51140	1,000	1,000	1,000
88,029	137,183	247,100	Other Personnel Expenses	51600	100,000	100,000	100,000
0	0	200	Other Employee Allowances	51900	0	0	0
0	2,015	0	Auto Allowance	51910	0	0	0
1,330	1,733	2,800	Mobile Computing Allowance	51915	1,600	1,600	1,600
358,859	598,277	896,200	PERSONNEL EXPENSE SUBTOTAL		343,800	343,800	343,800
106,536	100,504	39,400	Contracted Services	52205	39,400	39,400	39,400
0	0	0	Audit & Accounting Services	52220	0	0	0
45,796	53,546	85,000	Professional Services	52240	85,000	85,000	85,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Other Government Services	52270	0	0	0
264	120	200	Office Supplies	52305	200	200	200
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
30	0	1,500	Small Tools	52350	500	500	500
3,003	1,804	3,900	Safety Equipment	52360	0	0	0
58	101	100	Postage & Freight	52375	100	100	100
0	0	0	Software Expensed	52380	0	0	0
2,344	0	0	Computer Equipment Expensed	52385	0	0	0
5,615	8,135	14,000	Dues & Memberships	52405	14,000	14,000	14,000
0	1,670	0	Books, Subscriptions & Publications	52410	1,500	1,500	1,500
22,622	19,671	0	Tri-Met Subsidy	52420	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	500	Publication Notices	52430	0	0	0
37	0	200	Printing	52435	200	200	200
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
1,339	1,806	1,300	Training & Education	52480	2,300	2,300	2,300
2,369	828	1,700	Travel Expense	52485	2,700	2,700	2,700
0	0	0	Fleet Charges	52486	0	0	0
803	0	1,000	Private Mileage	52487	1,000	1,000	1,000
238	523	10,000	Other Materials & Services	52495	10,000	10,000	10,000
150	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	2,000	2,000	2,000
0	0	0	Computer Repair & Maintenance	52630	0	0	0
1,760,774	2,156,016	3,192,000	Insurance	52705	3,589,600	3,589,600	3,589,600
1,951,977	2,344,723	3,350,800	MATERIALS & SERVICES SUBTOTAL		3,748,500	3,748,500	3,748,500
2,310,836	2,943,000	4,247,000	TOTAL EXPENDITURE		4,092,300	4,092,300	4,092,300

BSD POSITION AND SALARY EXPENSE ▼ Strategy Dev & Enterprise Performance Mgmt | 8500

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	0.00	0.00	0.00	Business Strategy & Performance Systems Director	13	No
1.00	1.00	1.00	1.00	Business Practice Leader 1 - Strategy, Performance	10	No
1.00	0.00	0.00	0.00	Business Practice Leader 2 - Strategy, Performance	11	No
1.00	1.00	1.00	1.00	Program Support Specialist	5	No
0.00	0.00	0.00	1.00	Financial Analyst	6	No
0.00	0.00	0.00	1.00	Integrated Planning Program Manager	9	No
0.00	0.00	0.00	1.00	Business Practice Leader 1 - Integrated Planning	10	No
0.00	0.00	0.00	1.00	Business Practice Leader 2 - Regulatory Strategist	11	No
0.00	0.00	0.00	1.00	Business Practice Leader 2 - Utility Financial Strategist	11	No
4.00	2.00	2.00	7.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	0.00	0.00	0.00	Business Strategy & Performance Systems Director	13	No
1.00	1.00	1.00	1.00	Business Practice Leader 1 - Strategy, Performance	10	No
1.00	0.00	0.00	0.00	Business Practice Leader 2 - Strategy, Performance	11	No
1.00	1.00	1.00	1.00	Program Support Specialist	5	No
0.00	0.00	0.00	1.00	Financial Analyst	6	No
0.00	0.00	0.00	1.00	Integrated Planning Program Manager	9	No
0.00	0.00	0.00	1.00	Business Practice Leader 1 - Integrated Planning	10	No
0.00	0.00	0.00	1.00	Business Practice Leader 2 - Regulatory Strategist	11	No
0.00	0.00	0.00	1.00	Business Practice Leader 2 - Utility Financial Strategist	11	No
4.00	2.00	2.00	7.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Business Strategy & Performance Systems Director	13	No
0.00	0.00	0.00	0.00	Business Practice Leader 1 - Strategy, Performance	10	No
0.00	0.00	0.00	0.00	Business Practice Leader 2 - Strategy, Performance	11	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Financial Analyst	6	No
0.00	0.00	0.00	0.00	Integrated Planning Program Manager	9	No
0.00	0.00	0.00	0.00	Business Practice Leader 1 - Integrated Planning	10	No
0.00	0.00	0.00	0.00	Business Practice Leader 2 - Regulatory Strategist	11	No
0.00	0.00	0.00	0.00	Business Practice Leader 2 - Utility Financial Strategist	11	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Strategy Dev & Enterprise Performance Mgmt | 8500

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
404,541	330,268	235,800	Wages & Other Pay	51100	990,300	990,300	990,300
50,351	62,726	25,000	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
124,151	155,235	86,200	Other Personnel Expenses	51600	344,200	344,200	344,200
0	0	0	Other Employee Allowances	51900	0	0	0
3,720	310	0	Auto Allowance	51910	0	0	0
921	748	0	Mobile Computing Allowance	51915	2,400	2,400	2,400
583,684	549,287	347,000	PERSONNEL EXPENSE SUBTOTAL		1,336,900	1,336,900	1,336,900
0	0	0	Contracted Services	52205	0	0	0
0	0	0	Audit & Accounting Services	52220	0	0	0
65,654	10,915	75,000	Professional Services	52240	730,000	730,000	730,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Other Government Services	52270	0	0	0
523	0	600	Office Supplies	52305	2,600	2,600	2,600
0	0	0	Operating Supplies	52310	1,000	1,000	1,000
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
88	150	300	Small Tools	52350	0	0	0
0	300	0	Safety Equipment	52360	0	0	0
0	121	0	Postage & Freight	52375	0	0	0
177	0	0	Software Expensed	52380	0	0	0
2,631	622	0	Computer Equipment Expensed	52385	0	0	0
400	4,499	18,500	Dues & Memberships	52405	22,700	22,700	22,700
735	287	300	Books, Subscriptions & Publications	52410	1,000	1,000	1,000
0	0	0	Tri-Met Subsidy	52420	0	0	0
39,852	45,278	0	Software Licenses & Support	52425	0	0	0
75	0	0	Publication Notices	52430	0	0	0
2,109	126	300	Printing	52435	2,000	2,000	2,000
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
4,887	4,359	5,500	Training & Education	52480	7,500	7,500	7,500
14,329	0	7,500	Travel Expense	52485	9,500	9,500	9,500
0	0	0	Fleet Charges	52486	0	0	0
0	0	500	Private Mileage	52487	1,500	1,500	1,500
4,955	83,550	2,000	Other Materials & Services	52495	7,000	7,000	7,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
49	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
136,464	150,207	110,500	MATERIALS & SERVICES SUBTOTAL		784,800	784,800	784,800
720,148	699,493	457,500	TOTAL EXPENDITURE		2,121,700	2,121,700	2,121,700

BSD POSITION AND SALARY EXPENSE ▼ Financial Strategy & Performance Management | 8600

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Financial Analyst	6	No
0.00	0.00	1.00	0.00	Business Practice Leader 2 - Utility	11	No
				Financial Strategist		
0.00	0.00	2.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Financial Analyst	6	No
0.00	0.00	1.00	0.00	Business Practice Leader 2 - Utility	11	No
				Financial Strategist		
0.00	0.00	2.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Financial Analyst	6	No
0.00	0.00	0.00	0.00	Business Practice Leader 2 - Utility	11	No
				Financial Strategist		
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Financial Strategy & Performance Management | 8600

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	269,900	Wages & Other Pay	51100	0	0	0
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	81,600	Other Personnel Expenses	51600	0	0	0
0	0	0	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
0	0	800	Mobile Computing Allowance	51915	0	0	0
0	0	352,300	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	Contracted Services	52205	0	0	0
0	0	0	Audit & Accounting Services	52220	0	0	0
0	0	50,000	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Other Government Services	52270	0	0	0
0	0	1,000	Office Supplies	52305	0	0	0
0	0	2,000	Operating Supplies	52310	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	500	Computer Equipment Expensed	52385	0	0	0
0	0	500	Dues & Memberships	52405	0	0	0
0	0	500	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Tri-Met Subsidy	52420	0	0	0
0	0	1,000	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	500	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	0	2,000	Training & Education	52480	0	0	0
0	0	2,000	Travel Expense	52485	0	0	0
0	0	0	Fleet Charges	52486	0	0	0
0	0	500	Private Mileage	52487	0	0	0
0	0	2,000	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
0	0	62,500	MATERIALS & SERVICES SUBTOTAL		0	0	0
0	0	414,800	TOTAL EXPENDITURE		0	0	0

BSD POSITION AND SALARY EXPENSE ▼ Government Affairs | 8110

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	0.00	0.00	Chief of Staff	14	No
0.00	1.00	1.00	0.00	Administrative Associate	3	No
1.00	0.00	0.00	0.00	Graphics Specialist	5	No
0.85	0.00	0.00	0.00	Government & Public Affairs Director	12	No
0.15	0.00	0.00	0.00	Government & Public Affairs Manager	11	No
0.00	1.00	1.00	0.00	Office Manager	6	No
1.00	0.00	0.00	0.00	Policy Analyst	6	No
2.00	0.00	0.00	0.00	Public Affairs Specialist	5	No
1.00	0.00	0.00	0.00	Public Involvement Coordinator	7	No
2.00	0.00	0.00	0.00	Sr Public Affairs Specialist	6	No
0.00	1.00	1.00	0.00	Sr Policy Analyst	8	No
0.00	1.00	1.00	0.00	Technical Editor & Communications Specialist	5	No
1.00	0.00	0.00	0.00	Communications Supervisor	7	No
1.00	0.00	0.00	0.00	Communications & Marketing Manager	8	No
10.00	5.00	4.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	0.00	0.00	Chief of Staff	14	No
0.00	1.00	1.00	0.00	Administrative Associate	3	No
1.00	0.00	0.00	0.00	Graphics Specialist	5	No
0.85	0.00	0.00	0.00	Government & Public Affairs Director	12	No
0.00	0.00	0.00	0.00	Government & Public Affairs Manager	11	No
0.00	1.00	1.00	0.00	Office Manager	6	No
1.00	0.00	0.00	0.00	Policy Analyst	6	No
2.00	0.00	0.00	0.00	Public Affairs Specialist	5	No
0.60	0.00	0.00	0.00	Public Involvement Coordinator	7	No
2.00	0.00	0.00	0.00	Sr Public Affairs Specialist	6	No
0.00	1.00	1.00	0.00	Sr Policy Analyst	8	No
0.00	1.00	1.00	0.00	Technical Editor & Communications Specialist	5	No
1.00	0.00	0.00	0.00	Communications Supervisor	7	No
1.00	0.00	0.00	0.00	Communications & Marketing Manager	8	No
9.45	5.00	4.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Chief of Staff	14	No
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	Graphics Specialist	5	No
0.00	0.00	0.00	0.00	Government & Public Affairs Director	12	No
0.15	0.00	0.00	0.00	Government & Public Affairs Manager	11	No
0.00	0.00	0.00	0.00	Office Manager	6	No
0.00	0.00	0.00	0.00	Policy Analyst	6	No
0.00	0.00	0.00	0.00	Public Affairs Specialist	5	No
0.40	0.00	0.00	0.00	Public Involvement Coordinator	7	No
0.00	0.00	0.00	0.00	Sr Public Affairs Specialist	6	No
0.00	0.00	0.00	0.00	Sr Policy Analyst	8	No
0.00	0.00	0.00	0.00	Technical Editor & Communications Specialist	5	No
0.00	0.00	0.00	0.00	Communications Supervisor	7	No
0.00	0.00	0.00	0.00	Communications & Marketing Manager	8	No
0.55	0.00	0.00	0.00	TOTAL PERSONNEL		

BSD EXPENDITURE SUMMARY ▼ Government Affairs | 8110

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
763,588	418,390	362,200	Wages & Other Pay	51100	0	0	0
93,341	954	0	Temporary	51130	0	0	0
2,225	1,571	2,000	Overtime	51140	0	0	0
312,071	181,898	172,000	Other Personnel Expenses	51600	0	0	0
0	0	0	Other Employee Allowances	51900	0	0	0
0	3,000	0	Auto Allowance	51910	0	0	0
5,670	2,370	800	Mobile Computing Allowance	51915	0	0	0
1,176,896	608,181	537,000	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	4,095	6,500	Contracted Services	52205	0	0	0
0	0	0	Audit & Accounting Services	52220	0	0	0
274,927	16,003	20,000	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
37,878	599,796	149,800	Other Government Services	52270	0	0	0
1,090	3,375	12,500	Office Supplies	52305	0	0	0
36	818	10,500	Operating Supplies	52310	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
150	0	500	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
533	47	400	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
2,087	0	0	Computer Equipment Expensed	52385	0	0	0
14,633	166,446	181,000	Dues & Memberships	52405	0	0	0
1,146	34	400	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Tri-Met Subsidy	52420	0	0	0
1,072	0	1,300	Software Licenses & Support	52425	0	0	0
0	230	400	Publication Notices	52430	0	0	0
57,043	(1,450)	1,500	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
162	50	0	Fueling Contract	52475	0	0	0
9,925	4,866	2,000	Training & Education	52480	0	0	0
10,765	0	3,500	Travel Expense	52485	0	0	0
260	0	0	Fleet Charges	52486	0	0	0
1,221	131	1,000	Private Mileage	52487	0	0	0
259,845	31,034	45,000	Other Materials & Services	52495	0	0	0
275	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Bond Trustee Fees	52550	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
30	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	0	Insurance	52705	0	0	0
673,078	825,474	436,300	MATERIALS & SERVICES SUBTOTAL		0	0	0
1,849,974	1,433,655	973,300	TOTAL EXPENDITURE		0	0	0



Enterprise Asset & Technical Services

Enterprise Asset & Technical Services (EATS) manages assets; plans and implements asset replacement and renewal projects; provides technical mechanical, electrical, and instrumentation engineering to support CWS operations and maintenance activities; designs systems; conducts construction inspections; directs commissions and start-ups; programs and maintains systems for process controls and automation; and manages the maintenance and services for all CWS buildings and facilities. To provide these services the department is organized into five groups:



Administration, Asset Management, Technical Support, Control & Automation, and new this year – Safety. The Facilities division will be folded into Asset Management. These groups are responsible for extending the useful life of assets, optimizing treatment processes and operations, and improving the efficiency and effectiveness of maintenance.

The FY 2022-23 budget includes three additional FTE as compared to the FY 2021-22 Revised Budget. Two FTE are transfers from the Risk & Insurance Management program in Business Services to the new Safety program. One new FTE in Asset Management is the conversion of a temporary position where the workload has proven to be sustained and long-term. One Operations Analyst 1 FTE in Asset Management is not funded in FY 2022-23.

Administration

This group includes the senior management for the department, who provide general and fiscal management of the department's programs.

Asset Management

CWS tracks more than 15,000 assets across the organization with a computerized maintenance management information system (CMMIS). The group includes Building Maintenance – ABC Building, Building Maintenance – Field Operations, Building Maintenance – Materials Handling Yard, Building Maintenance



– ripl, Building Maintenance – Tualatin River Farm, and WRRD Facilities. Key management objectives are to extend the useful life of assets and to repair or replace them before they fail, thereby maximizing the value of the investments and performance reliability. This group performs condition assessments and life cycle analyses that provide critical information for planning the amount and timing of funding the capital renewal and replacement program. The team maintains, services, and supports all aspects of each facility including the building envelopes, interiors, utilities and support systems, and hardscaping.

Control & Automation

Operation of the advanced water resource recovery facilities is highly automated through supervisory control and data acquisition (SCADA) systems. Real-time process control is accomplished through programmable logic controllers (PLCs). Remote telemetry systems monitor condition and status of the pump stations and collection system. This program is responsible for the design, implementation, and maintenance of the hardware and programming software for the control and monitor systems.

Technical Support

Conveyance and treatment of wastewater is accomplished with many hundreds of motor-driven pumps; blowers; mixers; and power distribution, co-generation, and other specialized equipment that are configured with complex instrumentation for automatic control



15,000+

Equipment assets

18.5

Average age of our assets (years)

99.98%

SCADA (Supervisory Control and Data Acquisition) uptime

25,000

SCADA tags

50+

Programmable logic controllers (PLC)

11
Occupied
buildings

72
Unoccupied
buildings

and redundancy at the water resource recovery facilities and pump stations. High level mechanical, electrical, and instrumentation technical expertise is essential for reliable and standardized operation and maintenance of equipment; piping, mechanical, and electrical distribution systems; and controls systems networks. This program is responsible for developing design standards, design, input, troubleshooting and maintenance support, construction inspections, commissioning, and start-ups.

Safety

The new Safety program combines the safety aspects from all CWS departments into one central program. This program is responsible for managing and implementing programs and initiatives to ensure the health, safety, and well-being of CWS employees and ensure compliance with all safety regulations and policies across CWS. The group will work with the CWS emergency management team to develop and maintain disaster preparedness and support CWS' operational response to emergencies. The group will serve as CWS' safety experts and partner with Human Resources, Risk Management, and CWS leadership to drive the continual development of a world-class safety culture and manage the implementation of safety policies, guidelines, processes, and training.



Enterprise Asset & Technical Services

Full-time employees: 28

Departmental operating budget: \$6,508,500

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Equipment assets	N/A	15,000	14,000
Renew and replacement projects	N/A	N/A	\$5,870,000
Equipment condition assessments	N/A	65	87
Supervisory control and data acquisition (SCADA) tags	25,000	25,000	30,000
Programmable logic controllers (PLC)	50	50	50
Facility CIP projects	N/A	N/A	\$10,945,000
Occupied buildings	N/A	11	11
Unoccupied buildings	N/A	72	72
Facility assets	N/A	N/A	1,300+
Injuries to employees	10	10	0

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Equipment uptime	N/A	90%	95%
Projects managed completed on time	N/A	N/A	90%
Preventative maintenance vs. corrective work	85%	85%	85%
Number of callouts per year after hours	61	55	50
Average age of CWS asset (years)	18.5	18.5	18.5
Projects meet budget and schedule expectations	N/A	N/A	90%
SCADA uptime	99.98%	99.98%	99.98%
Loss time accidents	10	10	0

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

	Objectives	Initiative Statements	KSO
Asset Management	Improve equipment reliability	Implement process and procedures to improve asset tracking and maintenance management.	
	Extend life, repair, and replace assets	Perform condition assessment, life cycle analyses, and implement predictive maintenance measures.	
	Minimize end-of-life equipment failure	Invest in timely replacement and renewal of capital assets.	
Technical Support	Deliver renewal and replacement projects	Plan, prioritize, and implement projects on time and within budget in coordination with internal (TPS, WRRD, O&M) and external (ETO, PGE, FGP&L) stakeholders.	
	Provide support for capital projects	Partner with internal stakeholders (TPS, WRRD, O&M) and consultant teams to provide subject matter expertise on mechanical, electrical, instrumentation, and construction inspection and commissioning through all phases of project development and delivery.	
	Provide predictable and consistent standard equipment installation and maintenance	Develop, maintain, and improve design standards. Assist Maintenance staff with troubleshooting to identify and correct root causes of issues.	
	Initiate and manage instrument technician apprenticeship program	Develop, register, and administer a Limited Energy Class B licensing apprenticeship program in-house.	
Controls & Automation	Provide SCADA administration services	Focus on reliability of operations, system security and monitoring, performance, hardware analysis, data collection, maintenance, quality, calibration, and accuracy.	
	Improve SCADA data access	Execute proof of concept, implementation, and training of technology and tools (e.g., web servers) to improve internal stakeholder access to SCADA data.	
	Maintain control system network reliability	Evaluate network architecture and develop standard network configuration.	



	Objectives	Initiative Statements	KSO
Facilities	Facility maintenance, services and renovations	Responsible for the stewardship and maintenance of 11 occupied and 72 unoccupied facilities with more than 1,300 facility assets. Provide services to maintain, renovate, and improve the exterior, interior, grounds, utilities, and related systems.	
	Extend life, repair, and replace assets	Protect CWS facilities investment by extending the useful life of assets through a well-planned program to repair or replace components prior to failure, thereby maximizing reliability and value of the investments.	
	Computer Maintenance Management System (CMMS) implementation	By July 5, 2022, Lucity CMMS will go live for use by the Building and Facilities Services team. By the end of FY2022-23 Lucity will be used for standardized tracking of facility assets including component lifecycles, preventative maintenance schedules, requests, and corrective work planning for all CWS facilities.	
	Embark on a multiyear roofing replacement and repair initiative	Complete FY2022-23 budgeted roof replacements and urgent repairs. Ensure budget is in place for subsequent fiscal year roof replacements.	
	Standardize fire alarm monitoring and fire suppression system maintenance	Enter into a single agreement to inspection and maintain the CWS fire alarm systems, emergency monitoring, fire suppression systems, and fire extinguisher annual certification service.	
	Condition assessment and life cycle analyses	Perform condition assessments and life cycle analyses to provide information used for the responsible planning, timing, and budget for the facilities capital renewal program.	
Safety	Employee health, safety, and well-being	Manage and implement programs and initiatives to ensure the health, safety, and well-being of all CWS employees.	
	Administer safety compliance	Develop, plan, schedule all safety training, inspection, audit, incident investigation, and record tracking to ensure compliance with all safety regulations, policies and guidelines across CWS.	
	World-class safety culture	Partner with CWS Human Resources, Risk Management, leadership, project construction managers, and local safety committees to drive the continuous development of a world-class safety culture and manage the planning and implementation of safety policies, guidelines, processes, and training.	





ENTERPRISE ASSET & TECHNICAL SERVICES ▼ Department Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	0	0	2,815,100	2,974,700	
Temporary	51130	0	0	50,000	25,000	
Overtime	51140	0	0	5,000	5,000	
Other Personnel Expenses	51600	0	0	1,038,800	1,161,700	
Other Employee Allowances	51900	0	0	3,600	3,800	
Auto Allowance	51910	0	0	0	3,700	
Mobile Computing Allowance	51915	0	0	11,600	12,400	
PERSONNEL EXPENSE SUBTOTAL		0	0	3,924,100	4,186,300	6.7%
Electricity	52110	0	0	108,500	233,500	
Water	52120	0	0	43,500	43,500	
Natural Gas	52130	0	0	64,000	64,000	
Garbage	52140	0	0	16,400	16,400	
Surface Water Management Charge	52150	0	0	34,500	34,500	
Other Utility Services	52160	0	0	2,900	2,900	
Sewer Charges	52170	0	0	39,500	39,500	
Contracted Services	52205	0	0	574,000	596,000	
Landscape Services	52215	0	0	103,500	113,500	
Professional Services	52240	0	0	25,000	105,000	
Laundry	52260	0	0	45,000	45,000	
Operating Supplies	52310	0	0	254,000	252,000	
Gas, Oil, Lubrication	52315	0	0	1,000	1,000	
Janitorial Supplies	52320	0	0	30,000	17,500	
Repair & Maintenance Supplies	52330	0	0	60,000	60,000	
Construction & Building Supplies	52335	0	0	87,500	57,500	
Small Tools	52350	0	0	5,000	0	
Safety Equipment	52360	0	0	0	57,400	
Postage & Freight	52375	0	0	300	300	
Computer Equipment Expensed	52385	0	0	1,200	7,200	
Dues & Memberships	52405	0	0	1,500	4,000	
Books, Subscriptions & Publications	52410	0	0	1,100	3,000	
Publication Notices	52430	0	0	1,000	1,000	
Land & Building Rent	52470	0	0	0	250,000	
Fueling Contract	52475	0	0	4,000	6,300	
Training & Education	52480	0	0	10,800	14,800	
Travel Expense	52485	0	0	2,000	5,000	
Fleet Charges	52486	0	0	12,500	15,500	
Private Mileage	52487	0	0	6,400	9,900	
Other Materials & Services	52495	0	0	200	200	
Permits, Licenses & Fees	52500	0	0	3,600	6,100	
Taxes, Assessments & Liens	52510	0	0	35,000	40,000	
Equipment Rental	52605	0	0	4,000	4,000	
Repair & Maintenance Services	52610	0	0	241,000	216,000	
MATERIALS & SERVICES SUBTOTAL		0	0	1,818,900	2,322,500	27.7%
TOTAL EXPENDITURE		0	0	5,743,000	6,508,800	13.3%

EATS POSITION AND SALARY EXPENSE ▼ Administration | 8364

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Building & Facilities Services Manager	10	No
0.00	0.00	1.00	0.00	Engineer	8	No
0.00	0.00	1.00	1.00	Enterprise Asset Technical Services Director	12	No
0.00	0.00	1.00	2.00	Principal Engineer	10	No
0.00	0.00	1.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	0.00	5.00	4.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Building & Facilities Services Manager	10	No
0.00	0.00	1.00	0.00	Engineer	8	No
0.00	0.00	1.00	1.00	Enterprise Asset Technical Services Director	12	No
0.00	0.00	1.00	2.00	Principal Engineer	10	No
0.00	0.00	1.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	0.00	5.00	4.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Building & Facilities Services Manager	10	No
0.00	0.00	0.00	0.00	Engineer	8	No
0.00	0.00	0.00	0.00	Enterprise Asset Technical Services Director	12	No
0.00	0.00	0.00	0.00	Principal Engineer	10	No
0.00	0.00	0.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

EATS EXPENDITURE SUMMARY ▼ Administration | 8364

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	790,500	Wages & Other Pay	51100	519,600	519,600	519,600
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	256,700	Other Personnel Expenses	51600	168,400	168,400	168,400
0	0	400	Other Employee Allowances	51900	200	200	200
0	0	0	Auto Allowance	51910	3,700	3,700	3,700
0	0	2,400	Mobile Computing Allowance	51915	2,400	2,400	2,400
0	0	1,050,000	PERSONNEL EXPENSE SUBTOTAL		694,300	694,300	694,300
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	0	Contracted Services	52205	10,000	10,000	10,000
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Computer Equipment Expensed	52385	2,000	2,000	2,000
0	0	0	Dues & Memberships	52405	1,500	1,500	1,500
0	0	0	Books, Subscriptions & Publications	52410	1,000	1,000	1,000
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	0	3,200	Training & Education	52480	3,200	3,200	3,200
0	0	2,000	Travel Expense	52485	2,000	2,000	2,000
0	0	0	Fleet Charges	52486	0	0	0
0	0	0	Private Mileage	52487	1,500	1,500	1,500
0	0	0	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	5,200	MATERIALS & SERVICES SUBTOTAL		21,200	21,200	21,200
0	0	1,055,200	TOTAL EXPENDITURE		715,500	715,500	715,500

EATS POSITION AND SALARY EXPENSE ▼ Asset Management | 8362

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Asset Management System Analyst	8	No
0.00	0.00	1.00	0.00	Building & Facilities Supervisor	8	No
0.00	0.00	1.00	0.00	Field Engineer - Electrical	8	No
0.00	0.00	1.00	1.00	Operations Analyst 1*	6	No
0.00	0.00	1.00	1.00	Senior Operations Analyst	9	No
0.00	0.00	1.00	1.00	Software Engineer	9	No
0.00	0.00	2.00	2.00	Storekeeper 2	5	Yes
0.00	0.00	1.00	1.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	0.00	2.00	Sr Engineer	9	No
0.00	0.00	0.00	1.00	Program Support Specialist	5	No
0.00	0.00	0.00	1.00	Operations Coordinator	5	No
0.00	0.00	0.00	1.00	Facilities Maintenance & Services Superv	8	No
0.00	0.00	0.00	1.00	Principal Engineer	10	No
0.00	0.00	0.00	1.00	Courier	2	No
0.00	0.00	8.00	14.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Asset Management System Analyst	8	No
0.00	0.00	1.00	0.00	Building & Facilities Supervisor	8	No
0.00	0.00	1.00	0.00	Field Engineer - Electrical	8	No
0.00	0.00	1.00	1.00	Operations Analyst 1*	6	No
0.00	0.00	1.00	1.00	Senior Operations Analyst	9	No
0.00	0.00	1.00	1.00	Software Engineer	9	No
0.00	0.00	2.00	2.00	Storekeeper 2	5	Yes
0.00	0.00	0.00	1.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	0.00	2.00	Sr Engineer	9	No
0.00	0.00	0.00	1.00	Program Support Specialist	5	No
0.00	0.00	0.00	1.00	Operations Coordinator	5	No
0.00	0.00	0.00	1.00	Facilities Maintenance & Services Superv	8	No
0.00	0.00	0.00	1.00	Principal Engineer	10	No
0.00	0.00	0.00	1.00	Courier	2	No
0.00	0.00	8.00	14.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Asset Management System Analyst	8	No
0.00	0.00	0.00	0.00	Building & Facilities Supervisor	8	No
0.00	0.00	0.00	0.00	Field Engineer - Electrical	8	No
0.00	0.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Senior Operations Analyst	9	No
0.00	0.00	0.00	0.00	Software Engineer	9	No
0.00	0.00	0.00	0.00	Storekeeper 2	5	Yes
0.00	0.00	0.00	0.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	0.00	0.00	Sr Engineer	9	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Operations Coordinator	5	No
0.00	0.00	0.00	0.00	Facilities Maintenance & Services Superv	8	No
0.00	0.00	0.00	0.00	Principal Engineer	10	No
0.00	0.00	0.00	0.00	Courier	2	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

*Funds not allocated for position in FY23

EATS EXPENDITURE SUMMARY ▼ Asset Management | 8362

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	802,800	Wages & Other Pay	51100	1,416,700	1,416,700	1,416,700
0	0	0	Temporary	51130	0	0	0
0	0	5,000	Overtime	51140	5,000	5,000	5,000
0	0	310,000	Other Personnel Expenses	51600	592,800	592,800	592,800
0	0	1,600	Other Employee Allowances	51900	2,000	2,000	2,000
0	0	0	Auto Allowance	51910	0	0	0
0	0	3,600	Mobile Computing Allowance	51915	6,000	6,000	6,000
0	0	1,123,000	PERSONNEL EXPENSE SUBTOTAL		2,022,500	2,022,500	2,022,500
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	3,000	Garbage	52140	3,000	3,000	3,000
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	250,000	Contracted Services	52205	25,000	25,000	25,000
0	0	0	Landscape Services	52215	0	0	0
0	0	25,000	Professional Services	52240	25,000	25,000	25,000
0	0	45,000	Laundry	52260	45,000	45,000	45,000
0	0	250,000	Operating Supplies	52310	250,000	250,000	250,000
0	0	1,000	Gas, Oil, Lubrication	52315	1,000	1,000	1,000
0	0	15,000	Janitorial Supplies	52320	2,500	2,500	2,500
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	5,000	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	300	Postage & Freight	52375	300	300	300
0	0	1,200	Computer Equipment Expensed	52385	1,200	1,200	1,200
0	0	0	Dues & Memberships	52405	0	0	0
0	0	400	Books, Subscriptions & Publications	52410	400	400	400
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	2,500	Fueling Contract	52475	2,800	2,800	2,800
0	0	800	Training & Education	52480	3,300	3,300	3,300
0	0	0	Travel Expense	52485	1,500	1,500	1,500
0	0	5,500	Fleet Charges	52486	1,500	1,500	1,500
0	0	2,900	Private Mileage	52487	2,900	2,900	2,900
0	0	200	Other Materials & Services	52495	200	200	200
0	0	2,600	Permits, Licenses & Fees	52500	2,600	2,600	2,600
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	2,000	Equipment Rental	52605	2,000	2,000	2,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	612,400	MATERIALS & SERVICES SUBTOTAL		370,200	370,200	370,200
0	0	1,735,400	TOTAL EXPENDITURE		2,392,700	2,392,700	2,392,700

EATS EXPENDITURE SUMMARY ▼ Building Maintenance - ABC | 8507

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	125,000	125,000	125,000
0	0	15,500	0 Water	52120	15,500	15,500	15,500
0	0	0	0 Purchased Water	52125	0	0	0
0	0	45,000	0 Natural Gas	52130	45,000	45,000	45,000
0	0	5,500	0 Garbage	52140	5,500	5,500	5,500
0	0	7,000	0 Surface Water Management Charge	52150	7,000	7,000	7,000
0	0	2,200	0 Other Utility Services	52160	2,200	2,200	2,200
0	0	15,000	0 Sewer Charges	52170	15,000	15,000	15,000
0	0	150,000	0 Contracted Services	52205	330,000	330,000	330,000
0	0	50,000	0 Landscape Services	52215	50,000	50,000	50,000
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	10,000	0 Janitorial Supplies	52320	10,000	10,000	10,000
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	60,000	0 Construction & Building Supplies	52335	30,000	30,000	30,000
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	1,000	0 Publication Notices	52430	1,000	1,000	1,000
0	0	0	0 Land & Building Rent	52470	250,000	250,000	250,000
0	0	1,500	0 Fueling Contract	52475	1,500	1,500	1,500
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	7,000	0 Fleet Charges	52486	7,000	7,000	7,000
0	0	0	0 Private Mileage	52487	0	0	0
0	0	0	0 Other Materials & Services	52495	0	0	0
0	0	1,000	0 Permits, Licenses & Fees	52500	1,000	1,000	1,000
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	1,000	0 Equipment Rental	52605	1,000	1,000	1,000
0	0	150,000	0 Repair & Maintenance Services	52610	125,000	125,000	125,000
0	0	521,700	MATERIALS & SERVICES SUBTOTAL		1,021,700	1,021,700	1,021,700
0	0	521,700	TOTAL EXPENDITURE		1,021,700	1,021,700	1,021,700

EATS EXPENDITURE SUMMARY ▼ Building Maintenance - Field Operations | 8508

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	30,000	Electricity	52110	30,000	30,000	30,000
0	0	12,000	Water	52120	12,000	12,000	12,000
0	0	0	0 Purchased Water	52125	0	0	0
0	0	11,500	Natural Gas	52130	11,500	11,500	11,500
0	0	2,800	Garbage	52140	2,800	2,800	2,800
0	0	6,500	Surface Water Management Charge	52150	6,500	6,500	6,500
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	11,000	Sewer Charges	52170	11,000	11,000	11,000
0	0	50,000	Contracted Services	52205	80,000	80,000	80,000
0	0	12,000	Landscape Services	52215	12,000	12,000	12,000
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	3,500	Janitorial Supplies	52320	3,500	3,500	3,500
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	10,000	Construction & Building Supplies	52335	10,000	10,000	10,000
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Land & Building Rent	52470	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
0	0	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	45,000	Repair & Maintenance Services	52610	45,000	45,000	45,000
0	0	194,300	MATERIALS & SERVICES SUBTOTAL		224,300	224,300	224,300
0	0	194,300	TOTAL EXPENDITURE		224,300	224,300	224,300

EATS EXPENDITURE SUMMARY ▼ Building Maintenance - Materials Handling Yard | 8509

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	Wages & Other Pay	51100	0	0	0
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	0	Other Personnel Expenses	51600	0	0	0
0	0	0	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
0	0	0	Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	5,500	Electricity	52110	5,500	5,500	5,500
0	0	6,000	Water	52120	6,000	6,000	6,000
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	600	Garbage	52140	600	600	600
0	0	14,000	Surface Water Management Charge	52150	14,000	14,000	14,000
0	0	700	Other Utility Services	52160	700	700	700
0	0	1,500	Sewer Charges	52170	1,500	1,500	1,500
0	0	8,000	Contracted Services	52205	8,000	8,000	8,000
0	0	11,500	Landscape Services	52215	11,500	11,500	11,500
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	1,500	Janitorial Supplies	52320	1,500	1,500	1,500
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	5,500	Construction & Building Supplies	52335	5,500	5,500	5,500
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Dues & Memberships	52405	0	0	0
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	0	0	Training & Education	52480	0	0	0
0	0	0	Travel Expense	52485	0	0	0
0	0	0	Fleet Charges	52486	0	0	0
0	0	0	Private Mileage	52487	0	0	0
0	0	0	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	6,000	Repair & Maintenance Services	52610	6,000	6,000	6,000
0	0	60,800	MATERIALS & SERVICES SUBTOTAL		60,800	60,800	60,800
0	0	60,800	TOTAL EXPENDITURE		60,800	60,800	60,800

EATS EXPENDITURE SUMMARY ▼ Building Maintenance - ripl | 8511

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	72,000	Electricity	52110	72,000	72,000	72,000
0	0	10,000	Water	52120	10,000	10,000	10,000
0	0	0	0 Purchased Water	52125	0	0	0
0	0	7,500	Natural Gas	52130	7,500	7,500	7,500
0	0	2,500	Garbage	52140	2,500	2,500	2,500
0	0	7,000	Surface Water Management Charge	52150	7,000	7,000	7,000
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	12,000	Sewer Charges	52170	12,000	12,000	12,000
0	0	30,000	Contracted Services	52205	50,000	50,000	50,000
0	0	30,000	Landscape Services	52215	30,000	30,000	30,000
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	10,000	Construction & Building Supplies	52335	10,000	10,000	10,000
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Land & Building Rent	52470	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
0	0	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	35,000	Taxes, Assessments & Liens	52510	40,000	40,000	40,000
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	35,000	Repair & Maintenance Services	52610	35,000	35,000	35,000
0	0	251,000	MATERIALS & SERVICES SUBTOTAL		276,000	276,000	276,000
0	0	251,000	TOTAL EXPENDITURE		276,000	276,000	276,000

EATS EXPENDITURE SUMMARY ▼ Building Maintenance - Tualatin River Farm | 8510

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	1,000	0 Electricity	52110	1,000	1,000	1,000
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Purchased Water	52125	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	2,000	0 Garbage	52140	2,000	2,000	2,000
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	0	6,000	0 Contracted Services	52205	6,000	6,000	6,000
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	2,000	0 Construction & Building Supplies	52335	2,000	2,000	2,000
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Land & Building Rent	52470	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
0	0	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	5,000	0 Repair & Maintenance Services	52610	5,000	5,000	5,000
0	0	16,000	MATERIALS & SERVICES SUBTOTAL		16,000	16,000	16,000
0	0	16,000	TOTAL EXPENDITURE		16,000	16,000	16,000

EATS EXPENDITURE SUMMARY ▼ WRRD Facilities | 8512

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	350,900	Wages & Other Pay	51100	0	0	0
0	0	25,000	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	138,500	Other Personnel Expenses	51600	0	0	0
0	0	600	Other Employee Allowances	51900	0	0	0
0	0	0	Auto Allowance	51910	0	0	0
0	0	2,400	Mobile Computing Allowance	51915	0	0	0
0	0	517,400	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	80,000	Contracted Services	52205	87,000	87,000	87,000
0	0	0	Landscape Services	52215	10,000	10,000	10,000
0	0	0	Professional Services	52240	10,000	10,000	10,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	60,000	Repair & Maintenance Supplies	52330	60,000	60,000	60,000
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Computer Equipment Expensed	52385	2,000	2,000	2,000
0	0	0	Dues & Memberships	52405	500	500	500
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	2,000	2,000	2,000
0	0	0	Training & Education	52480	0	0	0
0	0	0	Travel Expense	52485	0	0	0
0	0	0	Fleet Charges	52486	7,000	7,000	7,000
0	0	0	Private Mileage	52487	1,000	1,000	1,000
0	0	0	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	1,000	Equipment Rental	52605	1,000	1,000	1,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	141,000	MATERIALS & SERVICES SUBTOTAL		180,500	180,500	180,500
0	0	658,400	TOTAL EXPENDITURE		180,500	180,500	180,500

EATS POSITION AND SALARY EXPENSE ▼ Control Systems | 8353

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	2.00	2.00	Field Engineer - Automation & Controls	8	No
0.00	0.00	1.00	1.00	Senior Field Engineer - Automation & Cont	9	No
0.00	0.00	3.00	3.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	2.00	2.00	Field Engineer - Automation & Controls	8	No
0.00	0.00	1.00	1.00	Senior Field Engineer - Automation & Cont	9	No
0.00	0.00	3.00	3.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Field Engineer - Automation & Controls	8	No
0.00	0.00	0.00	0.00	Senior Field Engineer - Automation & Cont	9	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

EATS EXPENDITURE SUMMARY ▼ Control Systems | 8353

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	276,300	Wages & Other Pay	51100	375,400	375,400	375,400
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	80,500	Other Personnel Expenses	51600	134,000	134,000	134,000
0	0	600	Other Employee Allowances	51900	600	600	600
0	0	0	Auto Allowance	51910	0	0	0
0	0	2,400	Mobile Computing Allowance	51915	2,400	2,400	2,400
0	0	359,800	PERSONNEL EXPENSE SUBTOTAL		512,400	512,400	512,400
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	0	Contracted Services	52205	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	2,000	Operating Supplies	52310	2,000	2,000	2,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	1,000	Dues & Memberships	52405	1,000	1,000	1,000
0	0	0	Books, Subscriptions & Publications	52410	400	400	400
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	0	2,500	Training & Education	52480	2,500	2,500	2,500
0	0	0	Travel Expense	52485	0	0	0
0	0	0	Fleet Charges	52486	0	0	0
0	0	1,500	Private Mileage	52487	1,500	1,500	1,500
0	0	0	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	7,000	MATERIALS & SERVICES SUBTOTAL		7,400	7,400	7,400
0	0	366,800	TOTAL EXPENDITURE		519,800	519,800	519,800

EATS POSITION AND SALARY EXPENSE ▼ Safety | 8365

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	1.00	Safety Program Manager	8	No
0.00	0.00	0.00	1.00	Operations Analyst 1	6	No
0.00	0.00	0.00	2.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	1.00	Safety Program Manager	8	No
0.00	0.00	0.00	1.00	Operations Analyst 1	6	No
0.00	0.00	0.00	2.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Safety Program Manager	8	No
0.00	0.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

EATS EXPENDITURE SUMMARY ▼ Safety | 8365

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	211,000	211,000	211,000
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Other Personnel Expenses	51600	87,200	87,200	87,200
0	0	0	0 Other Employee Allowances	51900	400	400	400
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	800	800	800
0	0	0	PERSONNEL EXPENSE SUBTOTAL		299,400	299,400	299,400
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Purchased Water	52125	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	0	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Professional Services	52240	20,000	20,000	20,000
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	57,400	57,400	57,400
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	2,000	2,000	2,000
0	0	0	0 Dues & Memberships	52405	500	500	500
0	0	0	0 Books, Subscriptions & Publications	52410	500	500	500
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Land & Building Rent	52470	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	1,500	1,500	1,500
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	1,000	1,000	1,000
0	0	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	MATERIALS & SERVICES SUBTOTAL		82,900	82,900	82,900
0	0	0	TOTAL EXPENDITURE		382,300	382,300	382,300

EATS POSITION AND SALARY EXPENSE ▼ Technical Support | 8363

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Engineering Technician 3	6	Yes
0.00	0.00	1.00	1.00	Field Engineer - Commissioning & Startup	8	No
0.00	0.00	1.00	1.00	Field Engineer - Inspection	8	No
0.00	0.00	2.00	1.00	Senior Engineer	9	No
0.00	0.00	0.00	1.00	Senior Field Engineer	9	No
0.00	0.00	5.00	5.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Engineering Technician 3	6	Yes
0.00	0.00	1.00	1.00	Field Engineer - Commissioning & Startup	8	No
0.00	0.00	1.00	1.00	Field Engineer - Inspection	8	No
0.00	0.00	2.00	1.00	Senior Engineer	9	No
0.00	0.00	0.00	1.00	Senior Field Engineer	9	No
0.00	0.00	5.00	5.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Engineering Technician 3	6	Yes
0.00	0.00	0.00	0.00	Field Engineer - Commissioning & Startup	8	No
0.00	0.00	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Senior Field Engineer	9	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

EATS EXPENDITURE SUMMARY ▼ Technical Support | 8363

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	594,600	Wages & Other Pay	51100	452,000	452,000	452,000
0	0	25,000	Temporary	51130	25,000	25,000	25,000
0	0	0	Overtime	51140	0	0	0
0	0	253,100	Other Personnel Expenses	51600	179,300	179,300	179,300
0	0	400	Other Employee Allowances	51900	600	600	600
0	0	0	Auto Allowance	51910	0	0	0
0	0	800	Mobile Computing Allowance	51915	800	800	800
0	0	873,900	PERSONNEL EXPENSE SUBTOTAL		657,700	657,700	657,700
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	0	Contracted Services	52205	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Professional Services	52240	50,000	50,000	50,000
0	0	0	Laundry	52260	0	0	0
0	0	2,000	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	500	Dues & Memberships	52405	500	500	500
0	0	700	Books, Subscriptions & Publications	52410	700	700	700
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
0	0	4,300	Training & Education	52480	4,300	4,300	4,300
0	0	0	Travel Expense	52485	1,500	1,500	1,500
0	0	0	Fleet Charges	52486	0	0	0
0	0	2,000	Private Mileage	52487	2,000	2,000	2,000
0	0	0	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	2,500	2,500	2,500
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	9,500	MATERIALS & SERVICES SUBTOTAL		61,500	61,500	61,500
0	0	883,400	TOTAL EXPENDITURE		719,200	719,200	719,200

EATS POSITION AND SALARY EXPENSE ▼ Facilities | 091-

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Administrative Assistant	4	No
0.00	0.00	1.00	0.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	1.00	0.00	Operations Coordinator	5	No
0.00	0.00	1.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Principal Engineer- Mechanical	10	No
0.00	0.00	4.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Administrative Assistant	4	No
0.00	0.00	1.00	0.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	1.00	0.00	Operations Coordinator	5	No
0.00	0.00	1.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Principal Engineer- Mechanical	10	No
0.00	0.00	4.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Administrative Assistant	4	No
0.00	0.00	0.00	0.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	0.00	0.00	Operations Coordinator	5	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Principal Engineer- Mechanical	10	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

Natural Systems Enhancement & Stewardship

Natural Systems Enhancement and Stewardship (NSES) is responsible for the planning, design, implementation, operations, maintenance, and stewardship of a vast network of natural systems, including streams, wetlands, and forests. The work NSES performs enables CWS to achieve watershed-scale ecological improvements by implementing collaborative conservation strategies and catalyzing transformative partnerships. NSES staff members work on hundreds of sites throughout the county managing native vegetation enhancement, conducting design, obtaining





1,224,351

Native plants planted
by Tree for All partners
this fiscal year

15+ million

Native plants planted
by Tree for All
partners since 2005

100,000

Metric tons of carbon
estimated to be
sequestered from
native vegetation
planted by Tree
for All partners
(approximately
one year of carbon
emissions from
21,000+ average
automobiles)

environmental permits, and overseeing construction of enhancement projects. Staff manage plant materials, coordinate dozens of complex agreements with partners and other governmental agencies, conduct assessments in support of long-term natural system stewardship, and actively engage with the communities CWS serves. NSES provides stewardship for thousands of acres, which increases the value of CWS investments in streams, wetlands, riparian forests, and other natural areas. This is a primary strategic action for several major regulatory requirements, including National Pollutant Discharge Elimination System compliance with the temperature management plan, surface water management plan, vegetated corridor standards, and other local, state and federal requirements. NSES improves outcomes and efficiencies by supporting CWS infrastructure construction and maintenance efforts by participating in collaborative planning and implementation teams. The department includes Administration, Landscape Strategies, Project Delivery, and Stewardship.

Since 2004 when CWS helped launch Tree for All to meet regulatory requirements through an innovative regional community-driven program, NSES staff manage stewardship needs, including communications, involvement, invasive species management, native vegetation enhancement, and the partnership agreements of hundreds of projects over thousands of acres. NSES catalyzes, engages, and invests in partnerships that contribute directly to the region's economic vitality; biodiversity; habitat connectivity; climate change resilience; human health and recreation; diversity, equity and inclusion; and a one water philosophy. These partnerships are critical relationships that provide millions of dollars for natural system enhancement from voluntary incentive Farm Bill programs; conservation districts; local parks and open space providers; city, state and federal governments; and more than two dozen nonprofit partners. The partnerships enable CWS to produce countywide results, including 150 river miles enhanced with more than 15 million native plants, and have helped avoid more than \$100 million in capital and operating costs for technological fixes. These partnerships deliver many types of environmental benefits, such as terrestrial and aquatic habitat quality, floodplain and wetland functions, soil stability, carbon sequestration, air quality, and forest health. These partnerships provide opportunities for CWS to support equitable outcomes through programs such as Paseos Verdes and work on Butternut Creek, and expansion of landscape and watershed resilience strategies in rural and urban communities.

The FY 2022-23 budget includes one additional FTE as compared to the FY 2021-22 Revised Budget. The new position is a Water

Resources Program Manager in the Stewardship program.

Administration

This group includes senior management for the department and administrative support services for the operating programs. Staff provides general and fiscal management for the department.

Landscape Strategies

Landscape Strategies catalyzes focused planning of integrated conservation strategies that assemble the resources and partnerships needed for a healthy and resilient watershed. Key elements of this work include integrating surface water regulations with natural systems, developing strategic partnerships to increase scale of CWS investments, building coalitions for subbasin management strategies, and improving effectiveness with design and deployment of innovative information technology tools.

87%

Enhancement projects meeting ecological function targets

67

UAS missions collecting valuable aerial imagery of projects sites



157

Stream miles enhanced (approximately the distance from ABC to the Space Needle in Seattle)

10

Riparian shade credit projects enrolled for temperature management for an additional 64 million kcal total thermal energy reduction in 2022

182

Riparian shade credit projects enrolled for temperature management since 2004, which generate 1.124 billion kcal of total thermal energy reduction to the Tualatin River. CWS receives 562,000 kcal of thermal credit for NPDES permit compliance

30,000+

Acres managed for habitat enhancement and clean water since 2005

Project Delivery

Project Delivery brings together multidisciplinary partnerships to plan and execute urban and rural projects that support a healthy and resilient watershed. Key elements of this work include developing, designing, and implementing multi-objective projects in support of sanitary and storm system infrastructure, ecological enhancement of natural systems, and partner elements of transportation, trails, and integrated water resources management.

Stewardship

Stewardship creates the network of community partners needed to promote, support, and cost-effectively manage natural systems for a healthy and resilient watershed. Key elements of this work include building and strengthening community partnerships that engage the public, supporting growth of value of natural system investments, managing operational needs for large-scale (more than 1 million per year) native plant restoration, and developing programs to respond to emerging needs of the community within natural systems (e.g., climate adaptation and mitigation; equity, diversity, and inclusion; illegal camping and houselessness; beaver; flooding). Investments in these community-based programs return many times value in matching funds and in-kind services.





Natural Systems Enhancement & Stewardship
Full-time employees: 30
Departmental operating budget: \$7,827,700

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Native plants planted by Tree for All partners	1,195,165	1,224,351	1,000,000
Tree for All partners	44	44	47
Volunteers at community restoration events	2,539	1,412	1,500
Acres of farmland enrolled in co-sponsored incentive programs	974	1,008	TBD
Volume of water enhancing Tualatin River and tributaries flow through water resource agreements	907 acre-feet	1,092 acre-feet	1,000 acre-feet
Total thermal load reduction to Tualatin River and tributaries through reforestation streamside areas (in kilocalories - kcal)	1.06 billion	1.124 billion	1.15 billion

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Vegetation management project service level budget guidelines	87%	71%	85%
Projects monitored and measured annually per monitoring protocol	145	126	TBD
Enhancement projects meeting ecological function targets	90%	87%	90%
Stream miles enhanced	155	157	160
Annual addition of thermal credit from reforestation streamside areas (kcal)	N/A	32 million	30 million
Natural system construction contracts	TBD	\$1,555,000	\$900,000
Agricultural lands connected to water quality management programs	9,123 acres	9,300 acres	9,450 acres
Number of trained community science data collectors annually	N/A	166	170

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

	Objectives	Initiative Statements	KSO
Landscape Strategies	Integrate natural system approaches with MS4 requirements	Develop program elements including in-stream and upland BMP, methods and metrics, programmatic permitting, permit compliance, adaptive asset management, communication strategies, financial mechanisms, and policy support.	
	Develop subbasin strategies program	Lead strategy development with programmatic approaches, landscape analysis, blending infrastructure needs, stormwater, ecological enhancement, community engagement, and produce strategy area plans and and wiki content.	
	Strengthen organizational relationships and build new partnerships	Lead regional conservation strategy development with partners. Integrate outreach communications, cooperate with partners on program planning, integrate broader community needs including climate resilience, health care, transportation, parks jurisdictions, and trails.	
	Create, apply, and maintain innovative information tools	Manage business unit perspective of technology, research and innovation needs, including GIS coordination, watershed assessment, business intelligence tools, UAS program, LiDAR and remote sensing data collection and analysis, monitoring synthesis, IoT projects, Wiki tech and web naps, and asset management tools.	
Project Delivery	Develop ready-to-implement projects	Identify projects from integrated planning efforts. Ensure implementation teams have clear project information and are supported in alternative selection and design refinement. Sequence projects for efficient and effective delivery.	
	Manage water resources	Coordinate with internal and external partners to maintain water resources assets, increase in-stream water rights, meet CWS reuse and natural treatment goals.	
	Improve ecological function and connectivity in natural systems	Coordinate with internal and external partners to conduct revegetation and natural system enhancements to meet CWS Thermal Management Plan needs, hydromodification objectives, vegetated corridor enhancement fee commitments, and other needs using optimization of innovative and cost-effective approaches.	
	Improve ecological, social, and financial outcomes within the interface of infrastructure deployment and natural system function	Provide planning support for regional stormwater management approaches. Support design and implementation of water quality and quantity facilities. Coordinate to improve natural elements of sanitary facilities in resources areas.	



	Objectives	Initiative Statements	KSO
Stewardship Services	Monitor, maintain, and preserve ecological enhancement site values for the long term	Coordinate with internal and external partners to maintain natural system assets, advance ecological outcomes, and augment benefits nature provides to water quality.	
	Develop and implement community partnerships	Manage services provided by community groups such as Tualatin River Watershed Council, Friends of Trees, SOLV, The Wetlands Conservancy, Tualatin Riverkeepers, Cascade Education Corps, Tualatin Soil and Water Conservation District, Portland Audubon, and others that create opportunities for environmental education, community outreach, and public involvement.	
	Support residents, businesses, and partners with response to conflicts between people and natural systems	Develop proactive communication and coordination strategies to address community needs for flooding, beaver management, illegal camping in natural area sites, and technical support.	
	Manage and operate enhancement program support	Manage multiyear growing agreements with native plant nurseries. Operate plant inventory and distribution centers. Coordinate integrated pest management planning, closed container herbicide, tool trailer, large wood, and other materials.	
Administration	Manage, operate, and improve business processes efficiently and effectively	Coordinate execution and processing of hundreds of agreements, procurements, solicitations, reviews, and other business needs annually.	
	Develop skills, knowledge, and abilities of existing staff	Co-create, document, and support individual staff level development plans.	
	Oversee and manage department budgets and overall performance	Control spending, encourage cost-effective deployment, and balance expenses with delivering priority outputs.	
	Build teams, develop charters, and connect projects to strategic outcomes	Plan, convene, and facilitate multidisciplinary teams of internal and external people to achieve the objectives of NSES and CWS.	





NATURAL SYSTEMS ENHANCEMENT & STEWARDSHIP ▼ Department Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	1,380,952	1,693,759	2,528,900	3,000,600	
Temporary	51130	283,859	280,887	274,000	147,000	
Overtime	51140	6,715	5,994	0	5,000	
Other Personnel Expenses	51600	382,355	547,365	996,900	1,032,000	
Other Employee Allowances	51900	2,100	2,325	2,600	2,400	
Mobile Computing Allowance	51915	8,930	8,760	9,600	8,400	
PERSONNEL EXPENSE SUBTOTAL		2,064,911	2,539,090	3,812,000	4,195,400	10.1%
Electricity	52110	1,091	1,156	1,800	0	
Contracted Services	52205	567,815	604,160	890,000	945,000	
Professional Services	52240	3,206	19,491	130,000	155,000	
Other Government Services	52270	1,070,826	1,218,060	2,010,000	2,010,000	
Office Supplies	52305	1,231	353	1,000	1,000	
Operating Supplies	52310	316	0	0	0	
Gas, Oil, Lubrication	52315	574	620	0	0	
Repair & Maintenance Supplies	52330	522	461	1,000	1,000	
Small Tools	52350	12,513	14,402	40,000	16,000	
Safety Equipment	52360	127	0	2,000	0	
Postage & Freight	52375	387	0	0	0	
Software Expensed	52380	15	0	0	0	
Computer Equipment Expensed	52385	4,883	1,650	0	0	
Dues & Memberships	52405	6,609	6,468	7,000	7,000	
Books, Subscriptions & Publications	52410	362	42	800	300	
Software Licenses & Support	52425	749	499	2,000	4,000	
Printing	52435	2,841	0	0	0	
Land & Building Rent	52470	8,013	20,767	25,000	30,000	
Fueling Contract	52475	4,299	2,203	7,500	8,000	
Training & Education	52480	15,972	11,535	22,000	36,000	
Travel Expense	52485	34,158	4	18,700	14,000	
Fleet Charges	52486	11,500	2,939	9,000	8,400	
Private Mileage	52487	5,476	5,258	5,000	5,000	
Other Materials & Services	52495	320,383	130,496	404,000	379,000	
Permits, Licenses & Fees	52500	158	158	600	600	
Taxes, Assessments & Liens	52510	9,728	9,894	10,000	10,000	
Repair & Maintenance Services	52610	0	500	1,000	1,000	
Non-vehicle Equipment Repair & Maintenance	52620	0	0	1,000	1,000	
MATERIALS & SERVICES SUBTOTAL		2,083,752	2,051,115	3,589,400	3,632,300	1.2%
TOTAL EXPENDITURE		4,148,663	4,590,206	7,401,400	7,827,700	5.8%

NSES POSITION AND SALARY EXPENSE ▼ Administration | 8233

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.75	1.00	1.00	NSES Director	13	No
1.00	1.00	0.25	1.00	Operations Coordinator	5	No
0.00	0.00	0.25	1.00	Landscape Division Manager	11	No
0.00	0.00	0.25	1.00	Project Delivery Division Manager	11	No
0.00	0.00	0.25	1.00	Stewardship Services Division Manager	11	No
0.75	0.00	0.00	0.00	Watershed Mgmnt Dept Director	13	No
0.25	0.25	0.00	0.00	Water Supply Project Manager	11	No
0.25	0.25	0.00	0.00	Watershed Division Manager	11	No
2.25	2.25	2.00	5.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.75	1.00	1.00	NSES Director	13	No
1.00	1.00	0.25	1.00	Operations Coordinator	5	No
0.00	0.00	0.25	1.00	Landscape Division Manager	11	No
0.00	0.00	0.25	1.00	Project Delivery Division Manager	11	No
0.00	0.00	0.25	1.00	Stewardship Services Division Manager	11	No
0.75	0.00	0.00	0.00	Watershed Mgmnt Dept Director	13	No
0.25	0.25	0.00	0.00	Water Supply Project Manager	11	No
0.25	0.25	0.00	0.00	Watershed Division Manager	11	No
2.25	2.25	2.00	5.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	NSES Director	13	No
0.00	0.00	0.00	0.00	Operations Coordinator	5	No
0.00	0.00	0.00	0.00	Landscape Division Manager	11	No
0.00	0.00	0.00	0.00	Project Delivery Division Manager	11	No
0.00	0.00	0.00	0.00	Stewardship Services Division Manager	11	No
0.00	0.00	0.00	0.00	Watershed Mgmnt Dept Director	13	No
0.00	0.00	0.00	0.00	Water Supply Project Manager	11	No
0.00	0.00	0.00	0.00	Watershed Division Manager	11	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

NSES EXPENDITURE SUMMARY ▼ Administration | 8233

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
233,577	250,142	284,700	Wages & Other Pay	51100	735,400	735,400	735,400
108,576	114,183	0	Temporary	51130	0	0	0
679	78	0	Overtime	51140	0	0	0
72,415	90,085	139,600	Other Personnel Expenses	51600	258,900	258,900	258,900
0	0	0	Other Employee Allowances	51900	0	0	0
1,046	1,050	1,000	Mobile Computing Allowance	51915	2,400	2,400	2,400
416,293	455,538	425,300	PERSONNEL EXPENSE SUBTOTAL		996,700	996,700	996,700
0	0	0	Contracted Services	52205	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Other Government Services	52270	0	0	0
185	17	1,000	Office Supplies	52305	1,000	1,000	1,000
17	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
692	431	0	Small Tools	52350	0	0	0
0	0	2,000	Safety Equipment	52360	0	0	0
55	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
3,572	3,151	7,000	Dues & Memberships	52405	1,000	1,000	1,000
55	0	800	Books, Subscriptions & Publications	52410	300	300	300
0	0	0	Software Licenses & Support	52425	0	0	0
2,841	0	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Pager Services	52450	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
260	23	7,500	Fueling Contract	52475	500	500	500
6,029	4,618	7,000	Training & Education	52480	6,000	6,000	6,000
5,229	0	18,700	Travel Expense	52485	2,000	2,000	2,000
297	26	9,000	Fleet Charges	52486	400	400	400
608	0	5,000	Private Mileage	52487	5,000	5,000	5,000
2,867	1,063	14,000	Other Materials & Services	52495	4,000	4,000	4,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Non-vehicle Equipment Repair & Maintenance	52620	0	0	0
22,706	9,328	73,800	MATERIALS & SERVICES SUBTOTAL		20,200	20,200	20,200
439,000	464,866	499,100	TOTAL EXPENDITURE		1,016,900	1,016,900	1,016,900

NSES POSITION AND SALARY EXPENSE ▼ Landscape Strategies | 8236

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	2.00	1.00	Engineering Technician 2	5	Yes
0.00	0.00	1.00	1.00	GIS Analyst	7	No
0.00	0.00	0.75	0.00	Landscape Division Manager	11	No
0.00	0.00	0.75	0.00	Operations Coordinator	5	No
0.00	0.00	1.00	1.00	Project Manager 1	6	No
0.00	0.00	1.00	1.00	Senior Water Resources Program Manager	10	No
0.00	0.00	1.00	1.00	Water Resources Analyst	8	No
0.00	0.00	1.00	1.00	Water Resources Program Manager	9	No
0.00	0.00	2.00	1.00	Water Resources Project Manager	7	No
0.00	0.00	0.00	1.00	GIS Specialist	6	No
0.00	0.00	0.00	1.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.00	Natural Systems Project Manager 3	8	No
0.00	0.00	10.50	10.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Engineering Technician 2	5	Yes
0.00	0.00	1.00	1.00	GIS Analyst	7	No
0.00	0.00	0.25	0.00	Landscape Division Manager	11	No
0.00	0.00	0.25	0.00	Operations Coordinator	5	No
0.00	0.00	0.25	0.25	Project Manager 1	6	No
0.00	0.00	0.25	0.25	Senior Water Resources Program Manager	10	No
0.00	0.00	1.00	1.00	Water Resources Analyst	8	No
0.00	0.00	0.50	0.50	Water Resources Program Manager	9	No
0.00	0.00	0.50	0.50	Water Resources Project Manager	7	No
0.00	0.00	0.00	1.00	GIS Specialist	6	No
0.00	0.00	0.00	1.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	1.00	Natural Systems Project Manager 3	8	No
0.00	0.00	5.00	7.50	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Engineering Technician 2	5	Yes
0.00	0.00	0.00	0.00	GIS Analyst	7	No
0.00	0.00	0.50	0.00	Landscape Division Manager	11	No
0.00	0.00	0.50	0.00	Operations Coordinator	5	No
0.00	0.00	0.75	0.75	Project Manager 1	6	No
0.00	0.00	0.75	0.75	Senior Water Resources Program Manager	10	No
0.00	0.00	0.00	0.00	Water Resources Analyst	8	No
0.00	0.00	0.50	0.50	Water Resources Program Manager	9	No
0.00	0.00	1.50	0.50	Water Resources Project Manager	7	No
0.00	0.00	0.00	0.00	GIS Specialist	6	No
0.00	0.00	0.00	0.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.00	Natural Systems Project Manager 3	8	No
0.00	0.00	5.50	2.50	TOTAL PERSONNEL		

NSES EXPENDITURE SUMMARY ▼ Landscape Strategies | 8236

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	856,100	Wages & Other Pay	51100	974,100	974,100	974,100
0	0	64,000	Temporary	51130	64,000	64,000	64,000
0	0	0	Overtime	51140	1,000	1,000	1,000
0	0	271,200	Other Personnel Expenses	51600	223,400	223,400	223,400
0	0	800	Other Employee Allowances	51900	800	800	800
0	0	2,600	Mobile Computing Allowance	51915	2,000	2,000	2,000
0	0	1,194,700	PERSONNEL EXPENSE SUBTOTAL		1,265,300	1,265,300	1,265,300
0	0	100,000	Contracted Services	52205	200,000	200,000	200,000
0	0	30,000	Professional Services	52240	52,500	52,500	52,500
0	0	50,000	Other Government Services	52270	35,000	35,000	35,000
0	0	0	Office Supplies	52305	0	0	0
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	40,000	Small Tools	52350	15,000	15,000	15,000
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Dues & Memberships	52405	2,000	2,000	2,000
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	2,000	Software Licenses & Support	52425	2,000	2,000	2,000
0	0	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Pager Services	52450	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	3,000	3,000	3,000
0	0	5,000	Training & Education	52480	12,500	12,500	12,500
0	0	0	Travel Expense	52485	5,000	5,000	5,000
0	0	0	Fleet Charges	52486	2,500	2,500	2,500
0	0	0	Private Mileage	52487	0	0	0
0	0	50,000	Other Materials & Services	52495	25,000	25,000	25,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Non-vehicle Equipment Repair & Maintenance	52620	0	0	0
0	0	277,000	MATERIALS & SERVICES SUBTOTAL		354,500	354,500	354,500
0	0	1,471,700	TOTAL EXPENDITURE		1,619,800	1,619,800	1,619,800

NSES POSITION AND SALARY EXPENSE ▼ Project Delivery | 8237

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Engineer	8	No
0.00	0.00	1.00	1.00	Engineering Project Coordinator	7	No
0.00	0.00	1.00	1.00	Engineering Technician 3	6	Yes
0.00	0.00	1.00	1.00	Operations Coordinator	5	No
0.00	0.00	1.00	0.00	Principal Engineer	10	No
0.00	0.00	0.75	0.00	Project Delivery Division Manager	11	No
0.00	0.00	1.00	1.00	Senior Engineer	9	No
0.00	0.00	2.00	1.00	Water Resources Analyst	8	No
0.00	0.00	1.00	1.00	Water Resources Program Manager	9	No
0.00	0.00	1.50	1.00	Water Resources Project Manager	7	No
0.00	0.00	1.00	1.00	Water Resources Specialist	4	Yes
0.00	0.00	0.00	1.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.50	Natrual Systems Program Manager 3	8	No
0.00	0.00	12.25	10.50	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.50	0.50	Engineer	8	No
0.00	0.00	0.25	0.25	Engineering Project Coordinator	7	No
0.00	0.00	0.50	0.50	Engineering Technician 3	6	Yes
0.00	0.00	0.50	0.50	Operations Coordinator	5	No
0.00	0.00	0.25	0.00	Principal Engineer	10	No
0.00	0.00	0.25	0.00	Project Delivery Division Manager	11	No
0.00	0.00	0.50	0.50	Senior Engineer	9	No
0.00	0.00	1.00	0.25	Water Resources Analyst	8	No
0.00	0.00	0.50	0.50	Water Resources Program Manager	9	No
0.00	0.00	0.50	0.50	Water Resources Project Manager	7	No
0.00	0.00	0.75	0.75	Water Resources Specialist	4	Yes
0.00	0.00	0.00	1.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.50	Natural Systems Program Manager 3	8	No
0.00	0.00	5.50	5.75	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.50	0.50	Engineer	8	No
0.00	0.00	0.75	0.75	Engineering Project Coordinator	7	No
0.00	0.00	0.50	0.50	Engineering Technician 3	6	Yes
0.00	0.00	0.50	0.50	Operations Coordinator	5	No
0.00	0.00	0.75	0.00	Principal Engineer	10	No
0.00	0.00	0.50	0.00	Project Delivery Division Manager	11	No
0.00	0.00	0.50	0.50	Senior Engineer	9	No
0.00	0.00	1.00	0.75	Water Resources Analyst	8	No
0.00	0.00	0.50	0.50	Water Resources Program Manager	9	No
0.00	0.00	1.00	0.50	Water Resources Project Manager	7	No
0.00	0.00	0.25	0.25	Water Resources Specialist	4	Yes
0.00	0.00	0.00	0.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.00	Natrual Systems Program Manager 3	8	No
0.00	0.00	6.75	4.75	TOTAL PERSONNEL		

NSES EXPENDITURE SUMMARY ▼ Project Delivery | 8237

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	1,114,000	Wages & Other Pay	51100	793,600	793,600	793,600
0	0	150,000	Temporary	51130	51,000	51,000	51,000
0	0	0	Overtime	51140	1,000	1,000	1,000
0	0	458,900	Other Personnel Expenses	51600	324,300	324,300	324,300
0	0	1,100	Other Employee Allowances	51900	900	900	900
0	0	4,600	Mobile Computing Allowance	51915	3,000	3,000	3,000
0	0	1,728,600	PERSONNEL EXPENSE SUBTOTAL		1,173,800	1,173,800	1,173,800
0	0	150,000	Contracted Services	52205	60,000	60,000	60,000
0	0	0	Professional Services	52240	50,000	50,000	50,000
0	0	210,000	Other Government Services	52270	160,000	160,000	160,000
0	0	0	Office Supplies	52305	0	0	0
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Small Tools	52350	1,000	1,000	1,000
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Dues & Memberships	52405	2,500	2,500	2,500
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	2,000	2,000	2,000
0	0	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Pager Services	52450	0	0	0
0	0	0	Land & Building Rent	52470	0	0	0
0	0	0	Fueling Contract	52475	2,500	2,500	2,500
0	0	5,000	Training & Education	52480	12,500	12,500	12,500
0	0	0	Travel Expense	52485	4,500	4,500	4,500
0	0	0	Fleet Charges	52486	3,000	3,000	3,000
0	0	0	Private Mileage	52487	0	0	0
0	0	40,000	Other Materials & Services	52495	10,000	10,000	10,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Non-vehicle Equipment Repair & Maintenance	52620	0	0	0
0	0	405,000	MATERIALS & SERVICES SUBTOTAL		308,000	308,000	308,000
0	0	2,133,600	TOTAL EXPENDITURE		1,481,800	1,481,800	1,481,800

NSES POSITION AND SALARY EXPENSE ▼ Stewardship | 8238

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.75	0.00	Stewardship Services Division Manager	11	No
0.00	0.00	2.00	0.00	Project Manager 1	6	No
0.00	0.00	0.50	2.00	Water Resources Project Manager	7	No
0.00	0.00	1.00	1.00	Water Resources Specialist	4	No
0.00	0.00	0.00	1.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.50	Natural Systems Project Manager 3	8	No
0.00	0.00	4.25	4.50	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.50	0.00	Stewardship Services Division Manager	11	No
0.00	0.00	1.00	0.00	Project Manager 1	6	No
0.00	0.00	0.25	1.50	Water Resources Project Manager	7	No
0.00	0.00	0.75	0.75	Water Resources Specialist	4	No
0.00	0.00	0.00	1.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.50	Natural Systems Project Manager 3	8	No
0.00	0.00	2.50	3.75	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.25	0.00	Stewardship Services Division Manager	11	No
0.00	0.00	1.00	0.00	Project Manager 1	6	No
0.00	0.00	0.25	0.50	Water Resources Project Manager	7	No
0.00	0.00	0.25	0.25	Water Resources Specialist	4	No
0.00	0.00	0.00	0.00	Natural Systems Program Manager 4	9	No
0.00	0.00	0.00	0.00	Natural Systems Project Manager 3	8	No
0.00	0.00	1.75	0.75	TOTAL PERSONNEL		

NSES EXPENDITURE SUMMARY ▼ Stewardship | 8238

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	274,100	Wages & Other Pay	51100	497,500	497,500	497,500
0	0	60,000	Temporary	51130	32,000	32,000	32,000
0	0	0	Overtime	51140	3,000	3,000	3,000
0	0	127,200	Other Personnel Expenses	51600	225,400	225,400	225,400
0	0	700	Other Employee Allowances	51900	700	700	700
0	0	1,400	Mobile Computing Allowance	51915	1,000	1,000	1,000
0	0	463,400	PERSONNEL EXPENSE SUBTOTAL		759,600	759,600	759,600
0	0	640,000	Contracted Services	52205	685,000	685,000	685,000
0	0	100,000	Professional Services	52240	52,500	52,500	52,500
0	0	1,750,000	Other Government Services	52270	1,815,000	1,815,000	1,815,000
0	0	0	Office Supplies	52305	0	0	0
0	0	0	Operating Supplies	52310	0	0	0
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	1,000	Repair & Maintenance Supplies	52330	1,000	1,000	1,000
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Dues & Memberships	52405	1,500	1,500	1,500
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telecom Internal	52440	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Pager Services	52450	0	0	0
0	0	25,000	Land & Building Rent	52470	30,000	30,000	30,000
0	0	0	Fueling Contract	52475	2,000	2,000	2,000
0	0	5,000	Training & Education	52480	5,000	5,000	5,000
0	0	0	Travel Expense	52485	2,500	2,500	2,500
0	0	0	Fleet Charges	52486	2,500	2,500	2,500
0	0	0	Private Mileage	52487	0	0	0
0	0	300,000	Other Materials & Services	52495	340,000	340,000	340,000
0	0	600	Permits, Licenses & Fees	52500	600	600	600
0	0	10,000	Taxes, Assessments & Liens	52510	10,000	10,000	10,000
0	0	1,000	Repair & Maintenance Services	52610	1,000	1,000	1,000
0	0	1,000	Non-vehicle Equipment Repair & Maintenance	52620	1,000	1,000	1,000
0	0	2,833,600	MATERIALS & SERVICES SUBTOTAL		2,949,600	2,949,600	2,949,600
0	0	3,297,000	TOTAL EXPENDITURE		3,709,200	3,709,200	3,709,200

NSES POSITION AND SALARY EXPENSE ▼ Operations | 8234

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Engineer	8	No
1.00	2.00	0.00	0.00	Engineering Technician 2	5	Yes
1.00	1.00	0.00	0.00	Engineering Technician 3	6	Yes
1.00	1.00	0.00	0.00	Senior Engineer	9	No
1.00	1.00	0.00	0.00	GIS Analyst	7	No
1.00	1.00	0.00	0.00	Principal Engineer	10	No
3.00	3.00	0.00	0.00	Project Manager 1	6	No
1.00	1.00	0.00	0.00	Water Resources Analyst - GIS	8	No
2.00	2.00	0.00	0.00	Water Resources Analyst - Watershed	8	No
1.00	1.00	0.00	0.00	Water Resources Program Manager	9	No
4.00	4.00	0.00	0.00	Water Resources Project Manager	7	No
0.25	0.25	0.00	0.00	Watershed Mgmt Dept Director	13	No
2.00	2.00	0.00	0.00	Water Resources Specialist	4	Yes
0.75	0.75	0.00	0.00	Water Supply Project Manager	11	No
0.75	0.75	0.00	0.00	Watershed Division Manager	11	No
20.75	21.75	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.50	0.50	0.00	0.00	Engineer	8	No
0.50	1.00	0.00	0.00	Engineering Technician 2	5	Yes
0.50	0.50	0.00	0.00	Engineering Technician 3	6	Yes
0.25	0.25	0.00	0.00	Senior Engineer	9	No
1.00	1.00	0.00	0.00	GIS Analyst	7	No
0.25	0.25	0.00	0.00	Principal Engineer	10	No
0.00	0.00	0.00	0.00	Project Manager 1	6	No
1.00	1.00	0.00	0.00	Water Resources Analyst - GIS	8	No
2.00	2.00	0.00	0.00	Water Resources Analyst - Watershed	8	No
0.25	0.25	0.00	0.00	Water Resources Program Manager	9	No
1.75	1.75	0.00	0.00	Water Resources Project Manager	7	No
0.25	0.25	0.00	0.00	Watershed Mgmt Dept Director	13	No
1.25	1.25	0.00	0.00	Water Resources Specialist	4	Yes
0.25	0.25	0.00	0.00	Water Supply Project Manager	11	No
0.50	0.50	0.00	0.00	Watershed Division Manager	11	No
10.25	10.75	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.50	0.50	0.00	0.00	Engineer	8	No
0.50	1.00	0.00	0.00	Engineering Technician 2	5	Yes
0.50	0.50	0.00	0.00	Engineering Technician 3	6	Yes
0.75	0.75	0.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	GIS Analyst	7	No
0.75	0.75	0.00	0.00	Principal Engineer	10	No
3.00	3.00	0.00	0.00	Project Manager 1	6	No
0.00	0.00	0.00	0.00	Water Resources Analyst - GIS	8	No
0.00	0.00	0.00	0.00	Water Resources Analyst - Watershed	8	No
0.75	0.75	0.00	0.00	Water Resources Program Manager	9	No
2.25	2.25	0.00	0.00	Water Resources Project Manager	7	No
0.00	0.00	0.00	0.00	Watershed Mgmt Dept Director	13	No
0.75	0.75	0.00	0.00	Water Resources Specialist	4	Yes
0.50	0.50	0.00	0.00	Water Supply Project Manager	11	No
0.25	0.25	0.00	0.00	Watershed Division Manager	11	No
10.50	11.00	0.00	0.00	TOTAL PERSONNEL		

NSES EXPENDITURE SUMMARY ▼ Operations | 8234

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,147,375	1,443,618		0 Wages & Other Pay	51100	0	0	0
175,283	166,704		0 Temporary	51130	0	0	0
6,037	5,916		0 Overtime	51140	0	0	0
309,939	457,280		0 Other Personnel Expenses	51600	0	0	0
2,100	2,325		0 Other Employee Allowances	51900	0	0	0
7,884	7,710		0 Mobile Computing Allowance	51915	0	0	0
1,648,618	2,083,553	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
567,815	604,160		0 Contracted Services	52205	0	0	0
3,206	19,491		0 Professional Services	52240	0	0	0
1,070,826	1,218,060		0 Other Government Services	52270	0	0	0
1,046	337		0 Office Supplies	52305	0	0	0
298	0		0 Operating Supplies	52310	0	0	0
574	620		0 Gas, Oil, Lubrication	52315	0	0	0
522	461		0 Repair & Maintenance Supplies	52330	0	0	0
11,822	13,970		0 Small Tools	52350	0	0	0
127	0		0 Safety Equipment	52360	0	0	0
332	0		0 Postage & Freight	52375	0	0	0
15	0		0 Software Expensed	52380	0	0	0
4,883	1,650		0 Computer Equipment Expensed	52385	0	0	0
3,037	3,317		0 Dues & Memberships	52405	0	0	0
307	42		0 Books, Subscriptions & Publications	52410	0	0	0
749	499		0 Software Licenses & Support	52425	0	0	0
0	0		0 Printing	52435	0	0	0
0	0		0 Telecom Internal	52440	0	0	0
0	0		0 Telephone Services	52445	0	0	0
0	0		0 Pager Services	52450	0	0	0
8,013	20,767		0 Land & Building Rent	52470	0	0	0
4,039	2,181		0 Fueling Contract	52475	0	0	0
9,943	6,917		0 Training & Education	52480	0	0	0
28,929	4		0 Travel Expense	52485	0	0	0
11,202	2,913		0 Fleet Charges	52486	0	0	0
4,869	5,258		0 Private Mileage	52487	0	0	0
317,515	129,433		0 Other Materials & Services	52495	0	0	0
158	158		0 Permits, Licenses & Fees	52500	0	0	0
9,728	9,894		0 Taxes, Assessments & Liens	52510	0	0	0
0	500		0 Repair & Maintenance Services	52610	0	0	0
0	0		0 Non-vehicle Equipment Repair & Maintenance	52620	0	0	0
2,061,045	2,041,787	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
3,709,663	4,125,340	0	TOTAL EXPENDITURE		0	0	0



Regional Utility Services

Regional Utility Services (RUSD) is responsible for customer relations, economic development and community planning, and utility intergovernmental relations. Staff in these programs manage and administer CWS' intergovernmental agreements with its co-implementing cities, Washington County, City of Portland, and other partners; develop the policies and standards for new development; and build transformative relationships with land use and community development, public works, and engineering programs at partner agencies. The department manages private development permitting,



78
Collaborative outreach
meetings planned/
hosted with
co-implementers

130
Site development
plan reviews

520
Limited development
reviews

300
City connection permit
authorization reviews

58
Site development
permits issued

580
Connection permits
issued (unincorporated
area and small cities)

environmental and engineering design plan review, and construction oversight. RUSD consists of Administration, Development Services, and Systems Planning.

There are no changes to the number of FTE in the FY 2022-23 budget as compared to the FY 2021-22 Revised Budget. There are three new FTE — one Planner in the Systems Planning program and two Plan Review Technician 3 positions in Development Services. Three existing FTE will transfer to Business Services as part of operational structure changes — two to Strategy Development & Enterprise Performance Management and one to Administrative Services.

Administration

This program includes the senior management for the department. Staff provide general and fiscal management of the department's programs and interact with external agencies on a wide variety of technical and policy issues. The program is responsible for developing high level policy and relationship strategies using an integrative approach. This work includes interaction with community and professional organizations and collaborative efforts with other jurisdictions through the Co-Implementer Committee, Capital Improvement Plan Prioritization and Coordinating Committee, and other partnering efforts.



Development Services

Development Services provides local program services related to private development within the unincorporated area and cities of Banks, Durham, Gaston, King City, and North Plains. These local program services include technical research and customer service; plan review, administration and inspection of vegetated corridor improvements, erosion control, sanitary sewer, and stormwater quality and quantity facilities; and permit issuance for sanitary sewer, surface water, and erosion control. Development Services also administers the private stormwater quality facilities inspection program.

The group provides regional program services to the entire service area and all cities including reviewing environmental plans, acting as DEQ's agent for the 1200-C erosion control permit program, technical assistance, interpreting and training on the Design and Construction Standards, and performing oversight of plan reviews across all the co-implementer programs to ensure consistency in application of the Standards. The group maintains the record mapping system for the sanitary and surface water systems including regular import of information from the co-implementers. Along with Systems Planning, Development Services facilitates and coordinates the implementation of both local and regional infrastructure projects between CWS and co-implementer private development projects and participates in coordinated long-range systems and land use planning efforts, including providing Geographic Information System analysis services supporting CWS programs. The program also provides regional quality control; compliance oversight; and coordinated performance reporting of plan review, erosion control, and vegetated corridor inspection programs across CWS.

Systems Planning

Systems Planning leads the regional integration of capital planning and analysis across the service area, coordinates interagency capital improvement design and construction, and helps integrate developer-constructed infrastructure to assure capacity for growth in both the sanitary and storm sewer systems. Along with Development Services, Systems Planning facilitates and coordinates the implementation of local and regional infrastructure projects between CWS and co-implementer private development projects and participates in coordinated long-range systems and land use planning efforts. The program also provides administration and customer outreach for Local Improvement Districts and Reimbursement Districts.

200

Environmental site certification and assessment reviews

181

Acres of protected and enhanced vegetated corridor

9,400

Erosion control inspections

1,010

Private water quality facilities



Regional Utility Services

Full-time employees: 33

Departmental operating budget: \$5,858,100

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Additional acres of stormwater managed	99	104	N/A
Site development permits issued	64	58	N/A
Connection permits issued (unincorporated area and small cities)	641	580	N/A
Erosion control inspections	10,067	9,400	N/A
Regional CIP projects funded	15	17	TBD
Regional capital funds administered	\$3.6 million	\$8.1 million	TBD
Private water quality facilities	747	1,010	N/A
Environmental site certification and assessment reviews	231	200	N/A
Site development plan reviews	184	130	N/A
Limited development reviews	579	520	N/A
City connection permit authorization reviews	291	300	N/A

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Percent of private water quality facilities in compliance	96%	91%	95%
NPDES permit compliance measures tracked	80	90	90
Number of interagency committees in which CWS participates	N/A	18	TBD
Number of outreach efforts completed	N/A	78	TBD
Percent of environmental site certification and assessment reviews completed within time frame	66%	75%	90%
Percent of site development reviews completed within time frames	54%	80%	90%
Percent of limited development reviews (LDRs) within time frames	36%	60%	90%
Percent of city connection permit authorizations within time frames	43%	60%	90%

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

Objectives	Initiative Statements	KSO
Ensure compliance with the watershed permit, performance standards, IGAs, and Design & Construction Standards	Provide transparent, efficient, effective, focused service for applicants, rate payers, partner cities, internal partners, and owners of private infrastructure.	
	Provide regional quality control, compliance oversight and coordinated performance reporting of plan review, erosion control, and vegetated corridor inspection programs across CWS.	
	Optimize the team to maintain service levels and provide timely services identified in performance measures.	
	Actively engage the partner cities to provide interaction, collaboration, and shared understanding.	
Provide integrated coordination and processes to deliver all system planning and development services	Proactively coordinate with internal and external partners (cities, developers, interdepartmental planning efforts), subbasin planning and systems planning coordination, local process, regional process, and internal projects.	
Build a resilient team that can meet the technical demands and workload	Create opportunity for advancement through crossover training and promotional opportunities.	
Manage and maintain the Design & Construction Standards	Develop, interpret, and provide proactive training in collaboration with partner cities on Design & Construction Standards.	
Proactively maintain the regional record mapping system for the sanitary and surface water systems	Ensure the regular import of information from the co-implementers and new CWS capital projects.	
	Develop a detailed infrastructure dashboard to track asset ownership and maintenance responsibility for the current developed area as well as expansion areas.	
Proactive inspection services of vegetated corridor improvements and private stormwater quality facilities	Provide inspection and corrective actions in a timely manner through education and outreach.	
Facilitate and lead the regional integration of capital planning and analysis across CWS	Coordinate interagency capital improvement planning design and construction	
	Proactively assist and engage developers in the developer-constructed infrastructure to assure capacity for growth in both the sanitary and storm sewer systems.	
	Facilitate and coordinate the implementation of local and regional infrastructure projects between CWS and co-implementer private development projects and participate in coordinated long-range systems and land-use planning efforts, including GIS analysis supporting CWS programs.	





REGIONAL UTILITY SERVICES ▼ Department Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	0	0	3,419,100	3,513,800	
Temporary	51130	0	0	95,000	50,000	
Overtime	51140	0	0	6,000	6,000	
Other Personnel Expenses	51600	0	0	1,398,800	1,415,300	
Other Employee Allowances	51900	0	0	3,000	3,400	
Mobile Computing Allowance	51915	0	0	4,400	3,800	
PERSONNEL EXPENSE SUBTOTAL		0	0	4,926,300	4,992,300	1.3%
Contracted Services	52205	0	0	140,000	45,000	
Professional Services	52240	0	0	460,000	240,000	
Recording Fees	52250	0	0	14,000	14,000	
Other Government Services	52270	0	0	456,000	458,000	
Office Supplies	52305	0	0	3,000	3,000	
Small Tools	52350	0	0	1,300	1,300	
Safety Equipment	52360	0	0	200	0	
Computer Equipment Expensed	52385	0	0	0	10,000	
Dues & Memberships	52405	0	0	7,800	8,300	
Books, Subscriptions & Publications	52410	0	0	700	700	
Publication Notices	52430	0	0	1,000	1,000	
Printing	52435	0	0	5,900	5,900	
Fueling Contract	52475	0	0	10,500	11,000	
Training & Education	52480	0	0	9,600	16,100	
Travel Expense	52485	0	0	9,500	11,700	
Fleet Charges	52486	0	0	6,500	8,000	
Private Mileage	52487	0	0	4,800	4,800	
Other Materials & Services	52495	0	0	13,500	9,000	
Bank Service Charge	52515	0	0	13,000	15,000	
Computer Repair & Maintenance	52630	0	0	3,000	3,000	
MATERIALS & SERVICES SUBTOTAL		0	0	1,160,300	865,800	-25.4%
TOTAL EXPENDITURE		0	0	6,086,600	5,858,100	-3.8%

RUSD POSITION AND SALARY EXPENSE ▼ Administration | 8201

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	0.00	Administrative Assistant	4	No
0.00	0.00	1.00	0.00	Business Practice Leader 1 - Integrated Plann	10	No
0.00	0.00	1.00	0.00	Planning & Development Services Division Ma	11	No
0.00	0.00	0.00	0.00	Policy Coordinator	6	No
0.00	0.00	1.00	1.00	Systems Planning Division Manager	11	No
0.00	0.00	1.00	0.00	Integrated Planning Program Manager	9	No
0.00	0.00	0.00	1.00	Planning & Dev Services Division Manager	11	No
0.00	0.00	5.00	2.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.75	0.00	Administrative Assistant	4	No
0.00	0.00	1.00	0.00	Business Practice Leader 1 - Integrated Plann	10	No
0.00	0.00	0.85	0.00	Planning & Development Services Division Ma	11	No
0.00	0.00	0.00	0.00	Policy Coordinator	6	No
0.00	0.00	0.85	0.85	Systems Planning Division Manager	11	No
0.00	0.00	1.00	0.00	Integrated Planning Program Manager	9	No
0.00	0.00	0.00	0.85	Planning & Dev Services Division Manager	11	No
0.00	0.00	4.45	1.70	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.25	0.00	Administrative Assistant	4	No
0.00	0.00	0.00	0.00	Business Practice Leader 1 - Integrated Plann	10	No
0.00	0.00	0.15	0.00	Planning & Development Services Division Ma	11	No
0.00	0.00	0.00	0.00	Policy Coordinator	6	No
0.00	0.00	0.15	0.15	Systems Planning Division Manager	11	No
0.00	0.00	0.00	0.00	Integrated Planning Program Manager	9	No
0.00	0.00	0.00	0.15	Planning & Dev Services Division Manager	11	No
0.00	0.00	0.55	0.30	TOTAL PERSONNEL		

RUSD EXPENDITURE SUMMARY ▼ Administration | 8201

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	662,900	Wages & Other Pay	51100	369,800	369,800	369,800
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	268,500	Other Personnel Expenses	51600	139,100	139,100	139,100
0	0	200	Other Employee Allowances	51900	200	200	200
0	0	2,400	Mobile Computing Allowance	51915	1,600	1,600	1,600
0	0	934,000	PERSONNEL EXPENSE SUBTOTAL		510,700	510,700	510,700
0	0	0	Contracted Services	52205	0	0	0
0	0	210,000	Professional Services	52240	50,000	50,000	50,000
0	0	0	Recording Fees	52250	0	0	0
0	0	455,000	Other Government Services	52270	455,000	455,000	455,000
0	0	1,000	Office Supplies	52305	1,000	1,000	1,000
0	0	0	Parts & Equipment	52340	0	0	0
0	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	4,000	Dues & Memberships	52405	4,000	4,000	4,000
0	0	300	Books, Subscriptions & Publications	52410	300	300	300
0	0	0	Publication Notices	52430	0	0	0
0	0	300	Printing	52435	300	300	300
0	0	0	Fueling Contract	52475	0	0	0
0	0	2,000	Training & Education	52480	2,000	2,000	2,000
0	0	3,300	Travel Expense	52485	3,300	3,300	3,300
0	0	0	Fleet Charges	52486	0	0	0
0	0	3,600	Private Mileage	52487	3,600	3,600	3,600
0	0	5,000	Other Materials & Services	52495	5,000	5,000	5,000
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	684,500	MATERIALS & SERVICES SUBTOTAL		524,500	524,500	524,500
0	0	1,618,500	TOTAL EXPENDITURE		1,035,200	1,035,200	1,035,200

RUSD POSITION AND SALARY EXPENSE ▼ Development Services | 8225

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Business Systems Analyst 2	8	No
0.00	0.00	1.00	1.00	Construction Inspection Supervisor	8	No
0.00	0.00	5.00	5.00	Construction Inspector 2	5	Yes
0.00	0.00	1.00	1.00	Construction Inspector 3	6	Yes
0.00	0.00	1.50	2.00	Development Services Program Manager	9	No
0.00	0.00	0.00	0.00	Engineering Technician 2	5	Yes
0.00	0.00	2.00	0.00	Engineering Technician 3	6	Yes
0.00	0.00	1.00	1.00	GIS Analyst	7	No
0.00	0.00	2.00	1.00	GIS Specialist	6	No
0.00	0.00	2.00	2.00	Permits Technician 2	3	Yes
0.00	0.00	1.00	1.00	Permit/Mapping Supervisor	8	No
0.00	0.00	3.00	0.00	Plan Reviewer	7	No
0.00	0.00	1.00	3.00	Senior Plan Reviewer	8	No
0.00	0.00	1.00	1.00	Technical Services Specialist 2	5	Yes
0.00	0.00	1.00	1.00	Technical Services Specialist 3	6	Yes
0.00	0.00	0.00	1.00	Inspection Program Manager	7	No
0.00	0.00	0.00	1.00	Plan Review Supervisor	8	No
0.00	0.00	0.00	1.00	Plan Review Technician 2	5	Yes
0.00	0.00	0.00	4.00	Plan Review Technician 3	6	Yes
0.00	0.00	23.50	27.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	1.00	1.00	Business Systems Analyst 2	8	No
0.00	0.00	1.00	1.00	Construction Inspection Supervisor	8	No
0.00	0.00	5.00	5.00	Construction Inspector 2	5	Yes
0.00	0.00	1.00	1.00	Construction Inspector 3	6	Yes
0.00	0.00	1.40	1.80	Development Services Program Manager	9	No
0.00	0.00	0.00	0.00	Engineering Technician 2	5	Yes
0.00	0.00	1.90	0.00	Engineering Technician 3	6	Yes
0.00	0.00	1.00	1.00	GIS Analyst	7	No
0.00	0.00	2.00	1.00	GIS Specialist	6	No
0.00	0.00	2.00	2.00	Permits Technician 2	3	Yes
0.00	0.00	1.00	1.00	Permit/Mapping Supervisor	8	No
0.00	0.00	3.00	0.00	Plan Reviewer	7	No
0.00	0.00	1.00	3.00	Senior Plan Reviewer	8	No
0.00	0.00	1.00	1.00	Technical Services Specialist 2	5	Yes
0.00	0.00	1.00	1.00	Technical Services Specialist 3	6	Yes
0.00	0.00	0.00	1.00	Inspection Program Manager	7	No
0.00	0.00	0.00	1.00	Plan Review Supervisor	8	No
0.00	0.00	0.00	1.00	Plan Review Technician 2	5	Yes
0.00	0.00	0.00	4.00	Plan Review Technician 3	6	Yes
0.00	0.00	23.30	26.80	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Business Systems Analyst 2	8	No
0.00	0.00	0.00	0.00	Construction Inspection Supervisor	8	No
0.00	0.00	0.00	0.00	Construction Inspector 2	5	Yes
0.00	0.00	0.00	0.00	Construction Inspector 3	6	Yes
0.00	0.00	0.10	0.20	Development Services Program Manager	9	No
0.00	0.00	0.00	0.00	Engineering Technician 2	5	Yes
0.00	0.00	0.10	0.00	Engineering Technician 3	6	Yes
0.00	0.00	0.00	0.00	GIS Analyst	7	No
0.00	0.00	0.00	0.00	GIS Specialist	6	No
0.00	0.00	0.00	0.00	Permits Technician 2	3	Yes
0.00	0.00	0.00	0.00	Permit/Mapping Supervisor	8	No
0.00	0.00	0.00	0.00	Plan Reviewer	7	No
0.00	0.00	0.00	0.00	Senior Plan Reviewer	8	No
0.00	0.00	0.00	0.00	Technical Services Specialist 2	5	Yes
0.00	0.00	0.00	0.00	Technical Services Specialist 3	6	Yes
0.00	0.00	0.00	0.00	Inspection Program Manager	7	No
0.00	0.00	0.00	0.00	Plan Review Supervisor	8	No
0.00	0.00	0.00	0.00	Plan Review Technician 2	5	Yes
0.00	0.00	0.00	0.00	Plan Review Technician 3	6	Yes
0.00	0.00	0.20	0.20	TOTAL PERSONNEL		

RUSD EXPENDITURE SUMMARY ▼ Development Services | 8225

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	2,368,600	Wages & Other Pay	51100	2,630,900	2,630,900	2,630,900
0	0	95,000	Temporary	51130	50,000	50,000	50,000
0	0	6,000	Overtime	51140	6,000	6,000	6,000
0	0	1,038,100	Other Personnel Expenses	51600	1,091,300	1,091,300	1,091,300
0	0	2,400	Other Employee Allowances	51900	2,800	2,800	2,800
0	0	1,000	Mobile Computing Allowance	51915	1,200	1,200	1,200
0	0	3,511,100	PERSONNEL EXPENSE SUBTOTAL		3,782,200	3,782,200	3,782,200
0	0	140,000	Contracted Services	52205	45,000	45,000	45,000
0	0	200,000	Professional Services	52240	150,000	150,000	150,000
0	0	14,000	Recording Fees	52250	14,000	14,000	14,000
0	0	1,000	Other Government Services	52270	3,000	3,000	3,000
0	0	2,000	Office Supplies	52305	2,000	2,000	2,000
0	0	0	Parts & Equipment	52340	0	0	0
0	0	1,100	Small Tools	52350	1,100	1,100	1,100
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Computer Equipment Expensed	52385	10,000	10,000	10,000
0	0	1,500	Dues & Memberships	52405	2,000	2,000	2,000
0	0	400	Books, Subscriptions & Publications	52410	400	400	400
0	0	1,000	Publication Notices	52430	1,000	1,000	1,000
0	0	2,000	Printing	52435	2,000	2,000	2,000
0	0	10,000	Fueling Contract	52475	10,000	10,000	10,000
0	0	4,600	Training & Education	52480	10,000	10,000	10,000
0	0	3,700	Travel Expense	52485	7,000	7,000	7,000
0	0	5,500	Fleet Charges	52486	7,500	7,500	7,500
0	0	400	Private Mileage	52487	400	400	400
0	0	3,000	Other Materials & Services	52495	3,000	3,000	3,000
0	0	13,000	Bank Service Charge	52515	15,000	15,000	15,000
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	3,000	Computer Repair & Maintenance	52630	3,000	3,000	3,000
0	0	406,200	MATERIALS & SERVICES SUBTOTAL		286,400	286,400	286,400
0	0	3,917,300	TOTAL EXPENDITURE		4,068,600	4,068,600	4,068,600

RUSD POSITION AND SALARY EXPENSE ▼ Systems Planning | 8226

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.50	0.00	Development Services Program Manager	9	No
0.00	0.00	2.00	2.00	Engineer	8	No
0.00	0.00	1.00	0.00	Inspection Program Manager	7	No
0.00	0.00	1.00	1.00	Senior Engineer	9	No
0.00	0.00	1.00	1.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	0.00	Planning & Dev Services Division Manager	11	No
0.00	0.00	0.00	0.00	Systems Planning Division Manager	11	No
0.00	0.00	0.00	1.00	Planner	9	No
0.00	0.00	5.50	5.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.50	0.00	Development Services Program Manager	9	No
0.00	0.00	0.80	0.80	Engineer	8	No
0.00	0.00	1.00	0.00	Inspection Program Manager	7	No
0.00	0.00	0.75	0.75	Senior Engineer	9	No
0.00	0.00	1.00	1.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	0.00	Planning & Dev Services Division Manager	11	No
0.00	0.00	0.00	0.00	Systems Planning Division Manager	11	No
0.00	0.00	0.00	1.00	Planner	9	No
0.00	0.00	4.05	3.55	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Development Services Program Manager	9	No
0.00	0.00	1.20	1.20	Engineer	8	No
0.00	0.00	0.00	0.00	Inspection Program Manager	7	No
0.00	0.00	0.25	0.25	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	0.00	Planning & Dev Services Division Manager	11	No
0.00	0.00	0.00	0.00	Systems Planning Division Manager	11	No
0.00	0.00	0.00	0.00	Planner	9	No
0.00	0.00	1.45	1.45	TOTAL PERSONNEL		

RUSD EXPENDITURE SUMMARY ▼ Systems Planning | 8226

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	387,600	Wages & Other Pay	51100	513,100	513,100	513,100
0	0	0	Temporary	51130	0	0	0
0	0	0	Overtime	51140	0	0	0
0	0	92,200	Other Personnel Expenses	51600	184,900	184,900	184,900
0	0	400	Other Employee Allowances	51900	400	400	400
0	0	1,000	Mobile Computing Allowance	51915	1,000	1,000	1,000
0	0	481,200	PERSONNEL EXPENSE SUBTOTAL		699,400	699,400	699,400
0	0	0	Contracted Services	52205	0	0	0
0	0	50,000	Professional Services	52240	40,000	40,000	40,000
0	0	0	Recording Fees	52250	0	0	0
0	0	0	Other Government Services	52270	0	0	0
0	0	0	Office Supplies	52305	0	0	0
0	0	0	Parts & Equipment	52340	0	0	0
0	0	200	Small Tools	52350	200	200	200
0	0	200	Safety Equipment	52360	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	2,300	Dues & Memberships	52405	2,300	2,300	2,300
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	3,600	Printing	52435	3,600	3,600	3,600
0	0	500	Fueling Contract	52475	1,000	1,000	1,000
0	0	3,000	Training & Education	52480	4,100	4,100	4,100
0	0	2,500	Travel Expense	52485	1,400	1,400	1,400
0	0	1,000	Fleet Charges	52486	500	500	500
0	0	800	Private Mileage	52487	800	800	800
0	0	5,500	Other Materials & Services	52495	1,000	1,000	1,000
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Computer Repair & Maintenance	52630	0	0	0
0	0	69,600	MATERIALS & SERVICES SUBTOTAL		54,900	54,900	54,900
0	0	550,800	TOTAL EXPENDITURE		754,300	754,300	754,300



Regulatory Affairs

Regulatory Affairs (RAD) conducts research and analyzes water quality data, updates the Tualatin River Total Maximum Daily Loads (TMDL), performs compliance and monitoring, and provides input on the development of state and federal regulations. RAD includes Administration, which handles compliance services, Environmental Services, and Laboratory Services.

The FY 2022-23 budget includes one fewer FTE as compared to the FY 2021-22 Revised Budget. There is one new Environmental Services Specialist 2 position in the Environmental Services



39

Cubic feet per second on average of stored water released from Barney and Scoggins reservoirs to enhance streamflows and improve water quality and stream habitat in the Tualatin River and key tributaries

program. Two FTE will transfer to Business Services as part of operational structure changes — one to Strategy Development & Enterprise Performance Management and one to Administrative Services.

Administration

The Administration group provides technical, scientific, regulatory, and policy support to CWS. Work includes analyzing environmental data related to the protection of public and watershed health and implementing the Tualatin River TMDL. The group also implements and complies with CWS' watershed-based National Pollutant Discharge Elimination System (NPDES) wastewater discharge permit, the MS4 (Municipal Separate Storm Sewer System permit), and air quality permits.

The group tracks, evaluates, and influences the development of state and federal environmental regulations; prepares, reviews, and coordinates reports related to monitoring, effluent discharges, noncompliance incidents, and permit compliance; and coordinates, tracks, and reports on CWS' Water Quality Credit Trading Program for temperature.

The Administration group coordinates and supports scientific studies in the Tualatin River Watershed conducted by organizations such as the U.S. Geological Survey, Oregon Department of Environmental Quality, and the Tualatin River Water Council to better understand watershed processes and evaluate the effectiveness of future



management practices. Administration staff members provide comments on new permits, rulemakings, plans, and studies; and participate in professional organizations that support clean water and water quality.

Environmental Services

Environmental Services regulates nondomestic waste discharged into the sanitary sewer system from industrial dischargers, commercial establishments, and hauled waste sources. These regulations are to protect public health, worker health and safety, municipal infrastructure, water quality, and biosolids. The group implements the industrial pretreatment program mandated by the federal Clean Water Act, including permitting and inspecting significant industrial discharges, using tools such as the recently revised Nondomestic Wastewater Ordinance 42 and the Industrial Pretreatment Program Implementation Manual, which includes local limits and regulations for hauled waste. The group also leads pollution prevention activities for CWS.

Environmental Services provides customer service support, outreach, and education to resolve water quality questions and complaints. It also coordinates and provides responses for CWS' illicit discharge response program. The program acts as DEQ's agent for the 1200-Z NPDES industrial stormwater permitting and compliance program and implements the commercial and industrial stormwater programs.



128

Industrial inspections completed

92

Average annual number of industrial permits managed per Environmental Services Specialist

1

Substantial program modification of industrial pretreatment local limit report approved by DEQ. Revised local limits adjust for anticipated industrial growth and continued protection of CWS' water resource recovery facilities

230,000

Analytical results

57,000

Compliance
determinations

31

Average daily analysis
per laboratory FTE

52

Special projects
(R&I, TD&R, ES
investigations)

99

Designated, fixed
monitoring, and
sampling locations

100%

Treatment plant
sampling completed
(compliance +1)

Laboratory Services

Laboratory Services conducts environmental sampling and analysis for CWS and provides fundamental data for critical decision-making in areas such as health of the watershed, performance of the water resource recovery facilities, and compliance with environmental regulations. Lab specialists and technicians perform over 200,000 water quality analyses per year and conduct extensive sampling, continuous monitoring, and numerous field measurements. This work supports activities across CWS including cleaning wastewater, source control, conveyance, stormwater, and Tualatin Watershed management.

Lab staff routinely analyze samples for nutrients such as nitrogen, phosphorus, sulfur, and potassium; for E. coli bacteria; and for dozens of metals at trace levels including copper, lead, silver, cadmium, and zinc. Staff members are capable of measuring mercury at extremely low levels: 0.2 parts per trillion.

Laboratory staff develop, implement, and validate new processes including a bioavailable aluminum method in collaboration with DEQ, a method to measure disinfection by-products at low levels to support development of a regulatory strategy, and an alternative method for total kjeldahl nitrogen. These innovations help improve quality control, reduce mercury waste, and improve turnaround times.



**Regulatory Affairs****Full-time employees: 35****Departmental operating budget: \$7,868,700**

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Annual reports and compliance reports	71	76	76
Role of permit negotiation and compliance assurance	0	2	2
Number of permits	5	5	5
Number of plans, manuals, and guidance documents	15	15	16
Communicating compliance requirements to CWS programs	6	6	5
Reissuance of industrial permits to include local limits	N/A	N/A	71
Number of inspections completed	234	128	234
Update IGA for partner cities	N/A	N/A	12
Stormwater exceedances and monitoring IDDE follow-up	44	35	60
Monitoring risk to treatment plant operations	N/A	N/A	33
Number of analytical results	220,410	230,000	240,000
Number of compliance determinations	56,585	57,000	58,000
Number of special projects	52	52	63
Number of designated/fixed monitoring/sampling locations	99	99	99

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Number of annual reports and compliance reports submitted on time	61	66	66
Number of annual reports and compliance reports automated or review process streamlined	52	56	66
NPDES permit renewed and issued	0	0	1
Air quality permit renewed and issued	0	1	2
Comment letters (public input and correspondence) submitted on time	75%	75%	50%
Ad-hoc compliance (SSO reports) submitted on time	100%	100%	100%
Average number of industrial permits managed per Environmental Services specialist	61	92	53
Average annual inspections per Environmental Services specialist	22	20	30
FSE FOG (facilities)	1,050	1,037	1,100
FSE FOG (inspections)	129	59	70
WQ/IDDE investigations 50 average annual (100% abatement follow-up)	100%	100%	100%
Treatment facility disruptions (follow-up)	5	2	5
Incident of ongoing noncompliance (12 months)	1	1	1
Industrial users receiving compliance awards	67%	50%	60%
Passing third-party performance testing analysis	100%	100%	100%
Average daily analysis per laboratory FTE	31	31	28
Average projects per project manager	13	11	10
Treatment plant sampling completed (compliance +1)	100%	100%	100%
Required industrial (compliance +1)	100%	100%	100%
Ambient and field sampling	85%	90%	95%

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

	Objectives	Initiative Statements	KSO
Compliance Services	Complete the permit renewal process with the Department of Environmental Quality	Review, negotiate, and develop reasonable timelines for compliance for a renewed five-year watershed-based permit with the Department of Environmental Quality by utilizing the innovative regulatory practices of watershed-based approaches, adaptive management, and integrated planning.	
	Support & maintain Districtwide regulatory compliance	Track, evaluate, and engage with state and federal environmental agencies as new regulations are in development.	
		Communicate compliance requirements to CWS programs and partners and develop the necessary infrastructure to ensure compliance with permits and other waste programs.	
		Coordinate and prepare an annual report on the Water Quality Credit Trading Program for temperature.	
		Work with agencies and ACWA to create a regulatory framework to allow expanding the recycled water use program to provide more opportunities to apply recycled water, including natural resource restoration.	
		Efficiently manage CWS' stored water supply at Scoggins Dam and the Barney Reservoir by effectively releasing stored water for flow augmentation in accordance with intergovernmental agreements.	
		Coordinate and support cooperative scientific studies with the U.S. Geological Survey, DEQ, and the Tualatin River Watershed Council to understand watershed processes and evaluate the effectiveness of future management practices in the Tualatin River Watershed.	
	Prepare annual reports in a timely manner	Prepare, review, and coordinate annual reports related to monitoring, effluent discharges, noncompliance incidents, and permit compliance, and define recommended actions for continual improvement.	



	Objectives	Initiative Statements	KSO
Environmental Services	Respond to customer complaints	Investigate and respond to customer concerns and complaints about pollution entering waterways or the conveyance system in a timely manner	
		Provide technical assistance to fire and emergency responsible authorities for spoil or surface water cleanup concerns.	
		Provide outreach and education about the appropriate disposal of household and commercial materials to manage impacts to waterway, wastewater, and stormwater systems.	
	Achieve Pretreatment Program compliance	Continue integration of program strategic roadmap to evaluate staffing and resource to align program efficiency, regulatory compliance tracking and reporting with limited error. Integrate updated workflow to expand collaborative efforts. Predict and respond to industrial growth. Enhance source control through pollution prevention, outreach, and regulation.	
	Manage nondomestic discharges to ensure water quality, capacity requirements are met	Improve industrial data review and evaluation of nondomestic discharges requests to manage capacity usage. Meet reuse goals for CWS' resource recovery facilities through industrial permit monitoring and collaborative management plans with our industrial partners.	
	Standardize stormwater follow-up business process	Automated tracking and response tool provides geographical references, schedules, results, and standard reporting form to meet MS4 permit updates.	
Laboratory Services	Develop adaptive management for administration of 1200-Z	Collaboration with regulatory agencies. Continue improvement as permits become more complex. Involvement with DEQ program direction, interaction, focus on priority impacts to stormwater. Reduce level of administrative efforts to focusing on improving environmental outcomes.	
	Perform compliance sampling and analysis in a timely manner	Continued compliance sampling at treatment plants and for industrial pretreatment. Expand use of continuous monitors. Established process for MS4 tracking to ensure sampling completed as required by permit to prevent excursions.	
	Provide ambient water quality monitoring and sampling	Continue to improve the efficiency and effectiveness of the ambient water quality monitoring and sampling program.	
	Improve laboratory safety program	Empower staff to be safety conscious through training and involvement in safety committee. Continue to improve staff engagement by increasing team participation in training and the LSC.	
	Conduct special projects and method development	Lead innovative compliance and keep up with changing regulations by collaborating with staff from across CWS to develop, validate, and implement new methods; make improvements on current methods. Maintain effective project management.	



REGULATORY AFFAIRS ▼ Department Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	2,863,287	2,628,343	3,383,100	3,397,800	
Temporary	51130	357,652	141,374	149,000	125,000	
Overtime	51140	34,573	37,640	67,100	67,100	
Out of Class Straight Time	51170	0	0	9,500	9,500	
Other Personnel Expenses	51600	1,165,176	1,112,635	1,416,800	1,507,700	
Tuition Reimbursement	51761	2,655	0	14,000	16,500	
Other Employee Allowances	51900	6,225	5,620	4,600	5,000	
Mobile Computing Allowance	51915	7,185	4,750	4,800	3,200	
PERSONNEL EXPENSE SUBTOTAL		4,436,752	3,930,362	5,048,900	5,131,800	1.6%
Contracted Services	52205	14,181	23,747	13,000	188,000	
Professional Services	52240	981,824	1,152,186	1,270,000	910,000	
Laundry	52260	7,740	9,845	7,000	16,500	
Office Supplies	52305	4,049	1,598	2,500	3,000	
Operating Supplies	52310	46,570	6,931	46,000	61,000	
Gas, Oil, Lubrication	52315	20	0	0	0	
Tech & Scientific Supplies	52325	310,894	412,391	385,300	823,300	
Repair & Maintenance Supplies	52330	2,868	2,740	5,000	3,000	
Construction & Building Supplies	52335	39	0	0	0	
Small Tools	52350	3,720	0	5,000	2,500	
Safety Equipment	52360	645	4,453	0	0	
Postage & Freight	52375	6,479	5,485	1,000	7,200	
Computer Equipment Expensed	52385	2,495	1,450	6,000	3,000	
Dues & Memberships	52405	3,026	2,639	4,800	4,800	
Books, Subscriptions & Publications	52410	0	0	700	500	
Software Licenses & Support	52425	37,127	37,283	0	2,500	
Publication Notices	52430	0	376	1,500	1,000	
Printing	52435	1,771	1,534	2,000	2,000	
Fueling Contract	52475	8,149	8,512	9,000	9,000	
Training & Education	52480	16,382	7,695	19,800	19,300	
Travel Expense	52485	30,281	(446)	15,900	14,400	
Fleet Charges	52486	10,215	17,533	9,500	9,500	
Private Mileage	52487	3,867	546	9,500	5,000	
Other Materials & Services	52495	20,308	4,585	1,000	1,300	
Permits, Licenses & Fees	52500	340,817	372,090	520,000	631,100	
Public Information	52505	0	0	6,000	4,000	
Repair & Maintenance Services	52610	0	250	0	0	
Non-vehicle Equipment Repair &	52620	7,481	3,665	30,000	15,000	
MATERIALS & SERVICES SUBTOTAL		1,860,949	2,077,089	2,370,500	2,736,900	15.5%
TOTAL EXPENDITURE		6,297,701	6,007,451	7,419,400	7,868,700	6.1%

RAD POSITION AND SALARY EXPENSE ▼ Administration | 8210

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	0.00	0.00	0.00	Asst Regulatory Affairs Dept Director	12	No
0.00	1.00	1.00	0.00	Compliance & Permitting Manager	10	No
0.00	0.00	1.00	1.00	Data Management Analyst	8	No
1.00	1.00	1.00	1.00	Regulatory Affairs Director	13	No
0.00	1.00	1.00	1.00	Regulatory Affairs Services Manager	12	No
1.00	1.00	1.00	1.00	Operations Analyst 1	6	No
1.00	0.00	0.00	1.00	Water Resources Prog Manager	9	No
4.00	2.00	2.00	1.00	Water Resources Analyst - Regulatory	8	No
1.00	1.00	1.00	0.00	Administrative Associate	3	No
9.00	7.00	8.00	6.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	0.00	0.00	0.00	Asst Regulatory Affairs Dept Director	12	No
0.00	1.00	1.00	0.00	Compliance & Permitting Manager	10	No
0.00	0.00	1.00	1.00	Data Management Analyst	8	No
1.00	1.00	1.00	1.00	Regulatory Affairs Director	13	No
0.00	1.00	1.00	1.00	Regulatory Affairs Services Manager	12	No
1.00	1.00	1.00	1.00	Operations Analyst 1	6	No
1.00	0.00	0.00	1.00	Water Resources Prog Manager	9	No
4.00	2.00	2.00	1.00	Water Resources Analyst - Regulatory	8	No
1.00	1.00	1.00	0.00	Administrative Associate	3	No
9.00	7.00	8.00	6.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Asst Regulatory Affairs Dept Director	12	No
0.00	0.00	0.00	0.00	Compliance & Permitting Manager	10	No
0.00	0.00	0.00	0.00	Data Management Analyst	8	No
0.00	0.00	0.00	0.00	Regulatory Affairs Director	13	No
0.00	0.00	0.00	0.00	Regulatory Affairs Services Manager	12	No
0.00	0.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Water Resources Prog Manager	9	No
0.00	0.00	0.00	0.00	Water Resources Analyst - Regulatory	8	No
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

RAD EXPENDITURE SUMMARY ▼ Administration | 8210

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
972,026	690,618	1,026,800	Wages & Other Pay	51100	840,900	840,900	840,900
293,994	3,683	0	Temporary	51130	0	0	0
1,570	29	0	Overtime	51140	0	0	0
0	0	0	Out of Class Straight Time	51170	0	0	0
359,967	229,677	323,000	Other Personnel Expenses	51600	349,200	349,200	349,200
1,905	0	10,000	Tuition Reimbursement	51761	12,500	12,500	12,500
450	0	0	Other Employee Allowances	51900	0	0	0
3,075	2,090	2,000	Mobile Computing Allowance	51915	1,200	1,200	1,200
1,632,987	926,097	1,361,800	PERSONNEL EXPENSE SUBTOTAL		1,203,800	1,203,800	1,203,800
14,131	0	0	Contracted Services	52205	0	0	0
775,758	957,912	965,000	Professional Services	52240	750,000	750,000	750,000
0	0	0	Laundry	52260	0	0	0
139	122	0	Office Supplies	52305	200	200	200
526	0	0	Operating Supplies	52310	0	0	0
20	0	0	Gas, Oil, Lubrication	52315	0	0	0
1,439	0	2,000	Tech & Scientific Supplies	52325	500	500	500
2,491	806	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
578	0	0	Small Tools	52350	0	0	0
0	0	0	Safety Equipment	52360	0	0	0
100	115	0	Postage & Freight	52375	200	200	200
0	0	0	Computer Equipment Expensed	52385	0	0	0
1,821	1,599	1,800	Dues & Memberships	52405	1,800	1,800	1,800
0	0	500	Books, Subscriptions & Publications	52410	500	500	500
4,704	6,207	0	Software Licenses & Support	52425	2,500	2,500	2,500
0	0	0	Publication Notices	52430	0	0	0
204	426	1,000	Printing	52435	500	500	500
0	0	0	Fueling Contract	52475	0	0	0
11,016	1,324	5,000	Training & Education	52480	3,500	3,500	3,500
26,017	(456)	7,500	Travel Expense	52485	6,000	6,000	6,000
0	0	0	Fleet Charges	52486	0	0	0
3,094	69	4,000	Private Mileage	52487	2,000	2,000	2,000
19,366	4,014	1,000	Other Materials & Services	52495	1,000	1,000	1,000
340,617	372,090	514,000	Permits, Licenses & Fees	52500	630,100	630,100	630,100
0	0	0	Public Information	52505	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Non-vehicle Equipment Repair & Maintenance	52620	0	0	0
1,202,021	1,344,228	1,501,800	MATERIALS & SERVICES SUBTOTAL		1,398,800	1,398,800	1,398,800
2,835,008	2,270,325	2,863,600	TOTAL EXPENDITURE		2,602,600	2,602,600	2,602,600

RAD POSITION AND SALARY EXPENSE ▼ Environmental Services | 8212

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Environmental Services Specialist 1	4	Yes
6.00	6.00	7.00	8.00	Environmental Services Specialist 2	6	Yes
1.00	1.00	1.00	0.00	Environmental Services Supervisor	7	No
0.00	0.00	0.00	1.00	Environmental Services Manager	8	No
8.00	8.00	8.00	9.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Environmental Services Specialist 1	4	Yes
6.00	6.00	7.00	8.00	Environmental Services Specialist 2	6	Yes
1.00	1.00	1.00	0.00	Environmental Services Supervisor	7	No
0.00	0.00	0.00	1.00	Environmental Services Manager	8	No
8.00	8.00	8.00	9.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Environmental Services Specialist 1	4	Yes
0.00	0.00	0.00	0.00	Environmental Services Specialist 2	6	Yes
0.00	0.00	0.00	0.00	Environmental Services Supervisor	7	No
0.00	0.00	0.00	0.00	Environmental Services Manager	8	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

RAD EXPENDITURE SUMMARY ▼ Environmental Services | 8212

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
542,748	666,874	712,700	Wages & Other Pay	51100	826,900	826,900	826,900
28,500	36,929	45,000	Temporary	51130	45,000	45,000	45,000
6,922	13,059	30,000	Overtime	51140	30,000	30,000	30,000
0	0	3,500	Out of Class Straight Time	51170	3,500	3,500	3,500
230,466	296,232	324,900	Other Personnel Expenses	51600	370,200	370,200	370,200
0	0	4,000	Tuition Reimbursement	51761	4,000	4,000	4,000
1,575	1,575	1,400	Other Employee Allowances	51900	1,600	1,600	1,600
1,800	1,785	2,000	Mobile Computing Allowance	51915	1,200	1,200	1,200
812,012	1,016,454	1,123,500	PERSONNEL EXPENSE SUBTOTAL		1,282,400	1,282,400	1,282,400
0	9,536	13,000	Contracted Services	52205	13,000	13,000	13,000
115,913	112,147	140,000	Professional Services	52240	150,000	150,000	150,000
0	0	0	Laundry	52260	0	0	0
575	709	0	Office Supplies	52305	300	300	300
2,166	367	10,000	Operating Supplies	52310	5,000	5,000	5,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	280	5,000	Tech & Scientific Supplies	52325	3,000	3,000	3,000
38	91	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
1,957	0	2,000	Small Tools	52350	1,000	1,000	1,000
0	0	0	Safety Equipment	52360	0	0	0
58	29	0	Postage & Freight	52375	1,000	1,000	1,000
2,495	0	0	Computer Equipment Expensed	52385	0	0	0
885	710	2,500	Dues & Memberships	52405	2,500	2,500	2,500
0	0	200	Books, Subscriptions & Publications	52410	0	0	0
32,423	31,077	0	Software Licenses & Support	52425	0	0	0
0	376	1,500	Publication Notices	52430	1,000	1,000	1,000
1,567	1,108	1,000	Printing	52435	1,500	1,500	1,500
3,465	2,373	4,000	Fueling Contract	52475	3,000	3,000	3,000
2,663	1,971	9,800	Training & Education	52480	9,800	9,800	9,800
1,557	10	4,900	Travel Expense	52485	4,900	4,900	4,900
4,325	3,558	4,000	Fleet Charges	52486	4,000	4,000	4,000
200	395	3,500	Private Mileage	52487	2,000	2,000	2,000
266	0	0	Other Materials & Services	52495	300	300	300
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	6,000	Public Information	52505	4,000	4,000	4,000
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Non-vehicle Equipment Repair & Maintenance	52620	0	0	0
170,552	164,738	207,400	MATERIALS & SERVICES SUBTOTAL		206,300	206,300	206,300
982,563	1,181,192	1,330,900	TOTAL EXPENDITURE		1,488,700	1,488,700	1,488,700

RAD POSITION AND SALARY EXPENSE ▼ Laboratory Services | 8232

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
2.00	2.00	0.00	0.00	Laboratory Technician	3	Yes
0.00	1.00	1.00	1.00	Laboratory Manager	9	No
13.00	10.00	13.00	12.00	Laboratory Specialist	5	Yes
1.00	0.00	0.00	0.00	Laboratory Supervisor	8	No
1.00	1.00	1.00	0.00	Lab Systems & QA/QC Coord	7	No
0.00	4.00	5.00	6.00	Senior Laboratory Specialist	6	Yes
1.00	0.00	0.00	0.00	Senior Operations Analyst	9	No
0.00	0.00	0.00	1.00	Laboratory Services Manager	8	No
18.00	18.00	20.00	20.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
2.00	2.00	0.00	0.00	Laboratory Technician	3	Yes
0.00	1.00	1.00	1.00	Laboratory Manager	9	No
13.00	10.00	13.00	12.00	Laboratory Specialist	5	Yes
1.00	0.00	0.00	0.00	Laboratory Supervisor	8	No
1.00	1.00	1.00	0.00	Lab Systems & QA/QC Coord	7	No
0.00	4.00	5.00	6.00	Senior Laboratory Specialist	6	Yes
1.00	0.00	0.00	0.00	Senior Operations Analyst	9	No
0.00	0.00	0.00	1.00	Laboratory Services Manager	8	No
18.00	18.00	20.00	20.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Laboratory Technician	3	Yes
0.00	0.00	0.00	0.00	Laboratory Manager	9	No
0.00	0.00	0.00	0.00	Laboratory Specialist	5	Yes
0.00	0.00	0.00	0.00	Laboratory Supervisor	8	No
0.00	0.00	0.00	0.00	Lab Systems & QA/QC Coord	7	No
0.00	0.00	0.00	0.00	Senior Laboratory Specialist	6	Yes
0.00	0.00	0.00	0.00	Senior Operations Analyst	9	No
0.00	0.00	0.00	0.00	Laboratory Services Manager	8	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

RAD EXPENDITURE SUMMARY ▼ Laboratory Services | 8232

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,348,512	1,270,851	1,643,600	Wages & Other Pay	51100	1,730,000	1,730,000	1,730,000
35,157	100,762	104,000	Temporary	51130	80,000	80,000	80,000
26,081	24,552	37,100	Overtime	51140	37,100	37,100	37,100
0	0	6,000	Out of Class Straight Time	51170	6,000	6,000	6,000
574,742	586,726	768,900	Other Personnel Expenses	51600	788,300	788,300	788,300
750	0	0	Tuition Reimbursement	51761	0	0	0
4,200	4,045	3,200	Other Employee Allowances	51900	3,400	3,400	3,400
2,310	875	800	Mobile Computing Allowance	51915	800	800	800
1,991,753	1,987,811	2,563,600	PERSONNEL EXPENSE SUBTOTAL		2,645,600	2,645,600	2,645,600
50	14,210	0	Contracted Services	52205	175,000	175,000	175,000
90,153	82,126	165,000	Professional Services	52240	10,000	10,000	10,000
7,740	9,845	7,000	Laundry	52260	16,500	16,500	16,500
3,335	767	2,500	Office Supplies	52305	2,500	2,500	2,500
43,879	6,563	36,000	Operating Supplies	52310	56,000	56,000	56,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
309,455	412,111	378,300	Tech & Scientific Supplies	52325	819,800	819,800	819,800
338	1,843	5,000	Repair & Maintenance Supplies	52330	3,000	3,000	3,000
39	0	0	Construction & Building Supplies	52335	0	0	0
1,185	0	3,000	Small Tools	52350	1,500	1,500	1,500
645	4,453	0	Safety Equipment	52360	0	0	0
6,322	5,341	1,000	Postage & Freight	52375	6,000	6,000	6,000
0	1,450	6,000	Computer Equipment Expensed	52385	3,000	3,000	3,000
320	330	500	Dues & Memberships	52405	500	500	500
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
4,684	6,140	5,000	Fueling Contract	52475	6,000	6,000	6,000
2,703	4,400	5,000	Training & Education	52480	6,000	6,000	6,000
2,708	0	3,500	Travel Expense	52485	3,500	3,500	3,500
5,890	13,975	5,500	Fleet Charges	52486	5,500	5,500	5,500
574	82	2,000	Private Mileage	52487	1,000	1,000	1,000
676	571	0	Other Materials & Services	52495	0	0	0
200	0	6,000	Permits, Licenses & Fees	52500	1,000	1,000	1,000
0	0	0	Public Information	52505	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	250	0	Repair & Maintenance Services	52610	0	0	0
7,481	3,665	30,000	Non-vehicle Equipment Repair & Maintenance	52620	15,000	15,000	15,000
488,377	568,124	661,300	MATERIALS & SERVICES SUBTOTAL		1,131,800	1,131,800	1,131,800
2,480,130	2,555,935	3,224,900	TOTAL EXPENDITURE		3,777,400	3,777,400	3,777,400



Utility Operations & Services

Utility Operations & Services (UOPS) is responsible for the planning, design, construction oversight, operations, and maintenance of CWS' surface water and sanitary conveyance systems. The department includes Administration, Conveyance Engineering Services, and Field Operations.

The FY 2022-23 budget has two fewer FTE as compared to the FY 2021-22 Revised Budget. There is one new Field Construction Superintendent position in the System Repair program. Three FTE will transfer to the new Administrative Services program in



Business Services as part of operational structure changes.

Administration

This group includes senior management for the department and technical support staff. Staff provides general and fiscal management for the department and interacts with external agencies on a wide variety of technical and policy issues.

Conveyance Engineering Services

Conveyance Engineering Services provides administration, planning, design, and construction management of CWS' Capital Improvement Program for both sanitary and surface water management (SWM) systems. The services provided by this group are driven by the need to comply with legal mandates, protect public health, protect beneficial uses, address development needs, and meet public demands for efficient responsive service.

Projects implemented by Conveyance Engineering Services include extending and making capacity upgrades to small diameter (21-inch and smaller) local sanitary sewer and storm and surface water systems serving the unincorporated area and the cities of Banks, Durham, Gaston, King City, and North Plains. These local projects are funded with rates and System Development Charges



and implemented through the Capital Improvement Program and local SWM Small Works Program or privately funded by benefited property owners through Local Improvement Districts and Reimbursement Districts.

The group is also responsible for administering, planning, designing, and managing construction of large diameter (24-inch and larger) regional sanitary sewer projects and regional water quality facilities with more than an acre of treatment area. The group coordinates and manages the regional inflow and infiltration abatement program; and provides regional system evaluation, computer modeling, and sanitary and storm and surface water system master planning.

Field Operations

Field Operations maintains the public storm and sanitary sewer collection systems. The division includes System Repair, System Maintenance, Local Repair & Construction, TV/Flow Monitoring, and SWM Surface Facility Maintenance programs.

The operational programs perform Local Maintenance Program activities defined under the Performance Standards on the public storm and sanitary systems serving the unincorporated area and the cities of Banks, Durham, Gaston, King City, and North Plains. These activities include emergency response, cleaning



11,145

Catch basins cleaned,
collecting material
equivalent to 329
dump truck loads

707

Catch basin retrofitted
over past five years in
partnership with
co-implementer cities

and performing TV inspection of public storm and sanitary sewer pipes, cleaning catch basins and water quality manholes, sweeping streets, maintaining water quality facilities, repairing damaged or deteriorated infrastructure, constructing short line replacements, installing catch basins and inlets, and enhancing stream corridors. The Local Program also includes handling debris collected from catch basin and street sweeping functions. Cities using the CWS-operated Materials Processing Yard pay for those services with fees set in CWS Rates and Charges. The group also maintains ditches and performs limited culvert repairs on roads within the Urban Road Maintenance District under an annual contract with Washington County.

Field Operations performs Regional Maintenance Program activities throughout the entire service area, including all cities. These activities include managing and maintaining the systemwide flow monitoring and rain gauge network, chemical root control, rehabilitating manholes to reduce inflow and infiltration, maintaining the large diameter (24-inch and larger) sanitary sewer system, and maintaining and reconstructing regional water quality facilities with a treatment area of one acre and larger.



Utility Operations & Services

Full-time employees: 92

Departmental operating budget: \$12,999,200

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Routine sanitary line cleaning (feet)	928,413	943,300	910,000
Routine sanitary line TV inspection (feet)	511,969	501,000	503,000
Routine street sweeping (miles)	13,596	12,052	12,500

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Number of sanitary sewer overflows per 100 miles of collection system (per calendar year)	1.03	1.1	<1.6
Response to customer service request	100%	100%	100%
Stormwater, sanitary collection system improvement and rehabilitation projects in planning, design, or construction	16	15	16
Percentage of Conveyance Engineering stormwater collection, sanitary collection, and rehabilitation portfolio actual or revised budget to planned capital expenditure	41%	90%	>60%

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

	Objectives	Initiative Statements	KSO
Admin	Field Operations reorganization	Implement Field Operations reorganization concepts to add resilience, career progression, and appropriate span of control with the Field Operations division.	
Conveyance Engineering	Manage East Basin and West Basin sanitary and stormwater Capital Improvement Programs	Administer, plan, design, and manage construction of the CWS Capital Improvement Program for sanitary and surface water management (SWM) systems in the East Basin (tributary to the Durham facility) and West Basin (tributary to the Forest Grove, Hillsboro, and Rock Creek facilities). Plan and deliver projects using an integrated approach that will leverage collective understanding of the project and optimize outcomes.	
	Conveyance system rehabilitation	In accordance with planning efforts, condition assessments, and flow monitoring program, rehabilitate parts of the conveyance system to reduce infiltration and inflow and preserve capacity.	
	Conduct environmental permitting and easement acquisition programs for all of CWS	Develop and staff environmental permitting and easement acquisition programs for the entire organization that will provide a consistent approach to acquisition of permits and easements and provide strategic support for project planning and development.	
Field Operations	Prepare maintenance programs for the future	Integrate FO's maintenance programs for increased connectivity across programs and cross training.	
	Maintenance program BPI	Identify and implement business process improvements to the maintenance programs workflow to increase efficiency and effectiveness.	
	Asset management approach to maintaining conveyance system assets	Refine and further develop an asset management approach to maintaining conveyance systems assets including changes to the Performance Standards and collaboration with city partners.	
	Prepare construction programs for the future	Complete planning and design of new Field Operations construction programs facility.	
	Repair and rehabilitation work flow BPI	Identify business process improvements to the construction repair and rehabilitation work flow to increase identification and planning for needed conveyance system repairs.	
	Support CWS in-house construction needs	Support all CWS departments with construction services when the work is appropriate to be performed in-house.	



UTILITY OPERATIONS & SERVICES ▼ Department Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	8,440,542	9,330,791	7,192,900	7,205,400	
Temporary	51130	218,229	89,676	202,800	115,000	
Overtime	51140	97,409	87,821	117,000	109,000	
Other Personnel Expenses	51600	3,352,436	3,632,560	3,226,600	3,077,700	
Tuition Reimbursement	51761	116	160	0	0	
Other Employee Allowances	51900	21,000	19,500	16,600	17,000	
Auto Allowance	51910	0	500	0	0	
Mobile Computing Allowance	51915	16,630	18,220	11,500	14,300	
PERSONNEL EXPENSE SUBTOTAL		12,146,362	13,179,228	10,767,400	10,538,400	-2.1%
Electricity	52110	270,193	282,354	10,300	12,900	
Water	52120	62,675	63,322	16,000	16,000	
Natural Gas	52130	54,705	56,114	0	0	
Garbage	52140	117,190	166,235	110,500	131,000	
Surface Water Management Charge	52150	33,318	33,382	0	0	
Other Utility Services	52160	2,825	2,664	0	0	
Sewer Charges	52170	34,198	32,857	0	0	
Contracted Services	52205	1,118,945	770,660	540,000	505,000	
Engineering Services	52210	38,108	6,333	20,000	20,000	
Landscape Services	52215	112,662	105,487	0	0	
Legal Services	52230	1	0	0	0	
Professional Services	52240	144,260	165,298	15,000	5,000	
Recording Fees	52250	12,650	10,938	0	0	
Laundry	52260	39,450	39,343	36,800	42,800	
Other Government Services	52270	901	819	1,000	1,000	
Office Supplies	52305	8,258	5,244	4,900	5,500	
Operating Supplies	52310	95,231	88,349	115,200	108,200	
Gas, Oil, Lubrication	52315	21,980	21,712	28,300	25,600	
Janitorial Supplies	52320	14,658	9,406	0	0	
Repair & Maintenance Supplies	52330	274,956	277,106	349,000	360,500	
Construction & Building Supplies	52335	170,514	169,156	161,000	160,500	
Small Tools	52350	35,474	30,755	41,700	41,100	
Safety Equipment	52360	24,936	15,239	24,800	0	
Postage & Freight	52375	1,467	2,008	200	1,500	
Computer Equipment Expensed	52385	9,630	1,863	1,500	1,500	
Dues & Memberships	52405	20,636	18,200	8,800	9,300	
Books, Subscriptions & Publications	52410	295	576	1,300	1,300	
Software Licenses & Support	52425	14,541	18,299	0	0	
Publication Notices	52430	2,629	3,840	0	0	
Printing	52435	6,030	28,852	3,600	3,200	
Telephone Services	52445	5,513	0	0	0	
Fueling Contract	52475	222,025	208,128	252,900	281,500	
Training & Education	52480	45,464	19,140	25,600	29,600	
Travel Expense	52485	25,319	45	14,800	16,300	
Fleet Charges	52486	513,732	426,133	498,700	508,700	
Private Mileage	52487	5,595	3,391	5,500	5,000	
Other Materials & Services	52495	12,499	22,816	13,700	11,700	
Permits, Licenses & Fees	52500	5,618	3,313	5,800	5,800	
Public Information	52505	29	0	0	0	
Taxes, Assessments & Liens	52510	31,822	35,513	0	200	
Bank Service Charge	52515	9,244	10,373	0	0	
Equipment Rental	52605	36,762	8,938	22,000	20,000	
Repair & Maintenance Services	52610	290,321	304,879	91,100	80,100	
Other Chemicals	52890	46,407	3,630	60,000	50,000	
MATERIALS & SERVICES SUBTOTAL		3,993,664	3,472,705	2,480,000	2,460,800	-0.8%
TOTAL EXPENDITURE		16,140,026	16,651,933	13,247,400	12,999,200	-1.9%

UOPS POSITION AND SALARY EXPENSE ▼ Administration | 8370

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
2.00	2.00	3.00	0.00	Administrative Associate	3	No
0.00	0.00	1.00	1.00	Field Operations Division Manager	11	No
0.00	1.00	1.00	1.00	Fleet Maintenance Technician	5	Yes
0.00	1.00	1.00	1.00	Operations Analyst 1	6	No
2.00	2.00	2.00	0.00	Operations Coordinator	5	No
1.00	1.00	1.00	1.00	Sr Management Analyst	8	No
0.00	0.00	1.00	1.00	Utility Operations & Services Manager	12	No
0.00	0.00	0.00	1.00	Engineering Division Manager	11	No
0.00	0.00	0.00	1.00	Field Construction/Maintenance Supervisor	7	No
0.00	0.00	0.00	1.00	Fleet Supervisor	7	No
0.00	0.00	0.00	1.00	Sr Operations Coordinator	6	No
5.00	7.00	10.00	9.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
2.00	2.00	3.00	0.00	Administrative Associate	3	No
0.00	0.00	1.00	1.00	Field Operations Division Manager	11	No
0.00	1.00	1.00	1.00	Fleet Maintenance Technician	5	Yes
0.00	1.00	1.00	1.00	Operations Analyst 1	6	No
2.00	2.00	2.00	0.00	Operations Coordinator	5	No
1.00	1.00	1.00	1.00	Sr Management Analyst	8	No
0.00	0.00	1.00	1.00	Utility Operations & Services Manager	12	No
0.00	0.00	0.00	1.00	Engineering Division Manager	11	No
0.00	0.00	0.00	1.00	Field Construction/Maintenance Supervisor	7	No
0.00	0.00	0.00	1.00	Fleet Supervisor	7	No
0.00	0.00	0.00	1.00	Sr Operations Coordinator	6	No
5.00	7.00	10.00	9.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Administrative Associate	3	No
0.00	0.00	0.00	0.00	Field Operations Division Manager	11	No
0.00	0.00	0.00	0.00	Fleet Maintenance Technician	5	Yes
0.00	0.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Operations Coordinator	5	No
0.00	0.00	0.00	0.00	Sr Management Analyst	8	No
0.00	0.00	0.00	0.00	Utility Operations & Services Manager	12	No
0.00	0.00	0.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	0.00	Field Construction/Maintenance Supervisor	7	No
0.00	0.00	0.00	0.00	Fleet Supervisor	7	No
0.00	0.00	0.00	0.00	Sr Operations Coordinator	6	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Administration | 8370

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
396,760	435,062	1,004,400	Wages & Other Pay	51100	1,140,700	1,140,700	1,140,700
16,402	0	0	Temporary	51130	0	0	0
2,149	3,078	6,000	Overtime	51140	2,000	2,000	2,000
0	0	0	Out of Class Straight Time	51170	0	0	0
186,464	202,586	460,600	Other Personnel Expenses	51600	478,000	478,000	478,000
0	0	0	Tuition Reimbursement	51761	0	0	0
150	375	600	Other Employee Allowances	51900	800	800	800
0	0	0	Auto Allowance	51910	0	0	0
1,680	1,680	3,500	Mobile Computing Allowance	51915	5,100	5,100	5,100
603,605	642,781	1,475,100	PERSONNEL EXPENSE SUBTOTAL		1,626,600	1,626,600	1,626,600
0	499	0	Electricity	52110	1,000	1,000	1,000
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	50	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
243,592	226,466	300,000	Contracted Services	52205	260,000	260,000	260,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Recording Fees	52250	0	0	0
1,447	1,515	2,300	Laundry	52260	2,300	2,300	2,300
0	0	0	Other Government Services	52270	0	0	0
2,664	2,928	4,500	Office Supplies	52305	4,500	4,500	4,500
77,594	62,890	92,000	Operating Supplies	52310	85,000	85,000	85,000
2,276	1,901	2,300	Gas, Oil, Lubrication	52315	2,600	2,600	2,600
0	0	0	Janitorial Supplies	52320	0	0	0
544	744	2,500	Repair & Maintenance Supplies	52330	1,000	1,000	1,000
659	0	0	Construction & Building Supplies	52335	0	0	0
944	1,524	3,000	Small Tools	52350	3,500	3,500	3,500
4,643	1,639	8,000	Safety Equipment	52360	0	0	0
0	0	200	Postage & Freight	52375	0	0	0
2,344	100	0	Computer Equipment Expensed	52385	0	0	0
1,419	1,100	1,500	Dues & Memberships	52405	1,800	1,800	1,800
0	31	800	Books, Subscriptions & Publications	52410	800	800	800
12,550	18,299	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	23,100	3,000	Printing	52435	3,000	3,000	3,000
5,513	0	0	Telephone Services	52445	0	0	0
3,503	4,590	3,400	Fueling Contract	52475	3,000	3,000	3,000
10,100	9,525	4,900	Training & Education	52480	4,900	4,900	4,900
3,520	0	3,100	Travel Expense	52485	3,100	3,100	3,100
6,539	8,708	4,000	Fleet Charges	52486	4,000	4,000	4,000
224	0	1,000	Private Mileage	52487	1,000	1,000	1,000
5,093	4,197	5,500	Other Materials & Services	52495	5,500	5,500	5,500
325	354	500	Permits, Licenses & Fees	52500	500	500	500
0	0	0	Public Information	52505	0	0	0
120	120	0	Taxes, Assessments & Liens	52510	200	200	200
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
5,874	734	0	Repair & Maintenance Services	52610	1,000	1,000	1,000
0	0	0	Other Chemicals	52890	0	0	0
391,485	371,013	442,500	MATERIALS & SERVICES SUBTOTAL		388,700	388,700	388,700
995,091	1,013,794	1,917,600	TOTAL EXPENDITURE		2,015,300	2,015,300	2,015,300

UOPS POSITION AND SALARY EXPENSE ▼ Conveyance Engineering | 8224

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
3.00	3.00	3.00	3.00	Construction Inspector 3	6	Yes
1.00	1.00	1.00	1.00	Easement Acquisition Specialist	6	No
5.00	5.00	2.00	1.00	Engineer	8	No
2.00	0.00	1.00	1.00	Engineering Project Coordinator	7	No
2.00	2.00	2.00	1.00	Engineering Technician 3	6	Yes
0.00	2.00	2.00	3.00	Principal Engineer	10	No
1.00	1.00	0.00	0.00	Program Support Specialist	5	No
3.00	3.00	2.00	3.00	Senior Engineer	9	No
1.00	1.00	1.00	0.00	Water Resources Project Manager	7	No
0.00	0.00	1.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	1.00	Water Resources Program Manager	9	No
18.00	18.00	15.00	14.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.60	0.60	0.60	0.60	Construction Inspector 3	6	Yes
0.25	0.25	0.25	0.25	Easement Acquisition Specialist	6	No
1.20	1.20	0.60	0.60	Engineer	8	No
0.70	0.00	0.50	0.50	Engineering Project Coordinator	7	No
0.60	0.60	0.60	0.60	Engineering Technician 3	6	Yes
0.00	1.00	1.00	0.75	Principal Engineer	10	No
0.70	0.70	0.00	0.00	Program Support Specialist	5	No
0.80	0.80	0.75	1.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Water Resources Project Manager	7	No
0.00	0.00	1.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	0.25	Water Resources Program Manager	9	No
4.85	5.15	5.30	4.55	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
2.40	2.40	2.40	2.40	Construction Inspector 3	6	Yes
0.75	0.75	0.75	0.75	Easement Acquisition Specialist	6	No
3.80	3.80	1.40	0.40	Engineer	8	No
1.30	0.00	0.50	0.50	Engineering Project Coordinator	7	No
1.40	1.40	1.40	0.40	Engineering Technician 3	6	Yes
0.00	1.00	1.00	2.25	Principal Engineer	10	No
0.30	0.30	0.00	0.00	Program Support Specialist	5	No
2.20	2.20	1.25	2.00	Senior Engineer	9	No
1.00	1.00	1.00	0.00	Water Resources Project Manager	7	No
0.00	0.00	1.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	0.75	Water Resources Program Manager	9	No
13.15	12.85	10.70	9.45	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Conveyance Engineering | 8224

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
545,191	558,171	966,700	Wages & Other Pay	51100	835,700	835,700	835,700
36,316	1,577	102,800	Temporary	51130	5,000	5,000	5,000
16,319	3,688	5,000	Overtime	51140	10,000	10,000	10,000
39,729	40,869	358,800	Other Personnel Expenses	51600	224,400	224,400	224,400
0	0	0	Tuition Reimbursement	51761	0	0	0
2,400	1,875	2,200	Other Employee Allowances	51900	2,400	2,400	2,400
0	0	0	Auto Allowance	51910	0	0	0
4,630	4,485	4,000	Mobile Computing Allowance	51915	5,200	5,200	5,200
644,586	610,665	1,439,500	PERSONNEL EXPENSE SUBTOTAL		1,082,700	1,082,700	1,082,700
304	312	0	Electricity	52110	400	400	400
0	0	0	Water	52120	0	0	0
0	0	0	Purchased Water	52125	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
3,000	3,000	10,000	Contracted Services	52205	5,000	5,000	5,000
38,000	6,333	20,000	Engineering Services	52210	20,000	20,000	20,000
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
1,554	0	15,000	Professional Services	52240	5,000	5,000	5,000
0	0	0	Recording Fees	52250	0	0	0
0	0	0	Laundry	52260	0	0	0
779	819	1,000	Other Government Services	52270	1,000	1,000	1,000
97	0	200	Office Supplies	52305	200	200	200
113	72	500	Operating Supplies	52310	500	500	500
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
90	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
158	37	2,100	Small Tools	52350	500	500	500
0	914	800	Safety Equipment	52360	0	0	0
549	0	0	Postage & Freight	52375	500	500	500
56	0	1,500	Computer Equipment Expensed	52385	500	500	500
5,576	2,974	5,500	Dues & Memberships	52405	5,500	5,500	5,500
178	50	500	Books, Subscriptions & Publications	52410	500	500	500
0	0	0	Software Licenses & Support	52425	0	0	0
650	1,690	0	Publication Notices	52430	0	0	0
73	0	200	Printing	52435	200	200	200
0	0	0	Telephone Services	52445	0	0	0
5,193	5,770	5,500	Fueling Contract	52475	5,500	5,500	5,500
13,723	2,864	8,900	Training & Education	52480	13,900	13,900	13,900
11,867	0	5,100	Travel Expense	52485	7,100	7,100	7,100
5,737	5,878	4,200	Fleet Charges	52486	4,200	4,200	4,200
2,829	244	3,500	Private Mileage	52487	3,500	3,500	3,500
872	26	2,400	Other Materials & Services	52495	1,000	1,000	1,000
0	754	0	Permits, Licenses & Fees	52500	0	0	0
29	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Franchise Fees	52530	0	0	0
0	0	0	Payment Adjustment to Cities	52540	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
91,425	31,737	86,900	MATERIALS & SERVICES SUBTOTAL		75,000	75,000	75,000
736,011	642,402	1,526,400	TOTAL EXPENDITURE		1,157,700	1,157,700	1,157,700

UOPS POSITION AND SALARY EXPENSE ▼ Local Repair & Construction | 8380

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
10.00	10.00	10.00	8.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Senior Field Construction Technician	6	Yes
11.00	11.00	11.00	10.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
9.00	9.00	9.00	7.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Senior Field Construction Technician	6	Yes
10.00	10.00	10.00	9.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Field Construction/Maintenance Tech 2	5	Yes
0.00	0.00	0.00	0.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Senior Field Construction Technician	6	Yes
1.00	1.00	1.00	1.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Local Repair & Construction | 8380

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
718,426	745,805	864,800	Wages & Other Pay	51100	785,800	785,800	785,800
51,803	33,091	50,000	Temporary	51130	55,000	55,000	55,000
5,807	12,652	20,000	Overtime	51140	15,000	15,000	15,000
0	0	0	Out of Class Straight Time	51170	0	0	0
329,911	325,933	403,800	Other Personnel Expenses	51600	367,900	367,900	367,900
116	0	0	Tuition Reimbursement	51761	0	0	0
2,475	2,175	2,200	Other Employee Allowances	51900	2,000	2,000	2,000
0	0	0	Auto Allowance	51910	0	0	0
840	840	800	Mobile Computing Allowance	51915	800	800	800
1,109,378	1,120,496	1,341,600	PERSONNEL EXPENSE SUBTOTAL		1,226,500	1,226,500	1,226,500
419	(35)	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
8,132	19,466	8,500	Garbage	52140	13,000	13,000	13,000
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
37,775	39,793	45,000	Contracted Services	52205	45,000	45,000	45,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Recording Fees	52250	0	0	0
5,444	5,016	4,600	Laundry	52260	5,600	5,600	5,600
0	0	0	Other Government Services	52270	0	0	0
11	60	0	Office Supplies	52305	200	200	200
733	415	2,500	Operating Supplies	52310	1,000	1,000	1,000
843	3,173	3,500	Gas, Oil, Lubrication	52315	3,500	3,500	3,500
0	0	0	Janitorial Supplies	52320	0	0	0
177,108	171,508	195,000	Repair & Maintenance Supplies	52330	195,000	195,000	195,000
5	0	1,000	Construction & Building Supplies	52335	500	500	500
11,950	9,668	9,200	Small Tools	52350	9,200	9,200	9,200
10,968	5,515	10,000	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
360	30	0	Computer Equipment Expensed	52385	0	0	0
300	160	200	Dues & Memberships	52405	400	400	400
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
30,193	26,610	34,000	Fueling Contract	52475	38,000	38,000	38,000
3,022	1,860	2,300	Training & Education	52480	2,300	2,300	2,300
649	45	1,900	Travel Expense	52485	1,900	1,900	1,900
72,850	74,071	62,500	Fleet Charges	52486	62,500	62,500	62,500
0	0	0	Private Mileage	52487	0	0	0
176	1,040	300	Other Materials & Services	52495	1,000	1,000	1,000
2,150	500	2,000	Permits, Licenses & Fees	52500	2,000	2,000	2,000
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
18,064	3,582	10,000	Equipment Rental	52605	10,000	10,000	10,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
381,152	362,478	392,500	MATERIALS & SERVICES SUBTOTAL		391,100	391,100	391,100
1,490,530	1,482,974	1,734,100	TOTAL EXPENDITURE		1,617,600	1,617,600	1,617,600

UOPS POSITION AND SALARY EXPENSE ▼ SWM Surface Facility Maintenance | 8383

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
15.00	15.00	15.00	14.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Senior Field Maintenance Technician	6	Yes
16.00	16.00	16.00	16.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
15.00	15.00	15.00	14.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Senior Field Maintenance Technician	6	Yes
16.00	16.00	16.00	16.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Field Construction/Maintenance Tech 2	5	Yes
0.00	0.00	0.00	0.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Senior Field Maintenance Technician	6	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ SWM Surface Facility Maintenance | 8383

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,094,167	1,219,986	1,277,700	Wages & Other Pay	51100	1,246,900	1,246,900	1,246,900
0	0	0	Temporary	51130	0	0	0
19,729	23,495	25,000	Overtime	51140	30,000	30,000	30,000
0	0	0	Out of Class Straight Time	51170	0	0	0
509,675	555,502	597,200	Other Personnel Expenses	51600	572,600	572,600	572,600
0	0	0	Tuition Reimbursement	51761	0	0	0
3,750	3,300	3,200	Other Employee Allowances	51900	3,200	3,200	3,200
0	0	0	Auto Allowance	51910	0	0	0
840	840	800	Mobile Computing Allowance	51915	800	800	800
1,628,162	1,803,122	1,903,900	PERSONNEL EXPENSE SUBTOTAL		1,853,500	1,853,500	1,853,500
3,696	4,016	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
32,109	50,316	40,000	Garbage	52140	50,000	50,000	50,000
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
53,928	23,714	60,000	Contracted Services	52205	60,000	60,000	60,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
1	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	2,444	0	Recording Fees	52250	0	0	0
8,601	9,290	8,000	Laundry	52260	10,000	10,000	10,000
0	0	0	Other Government Services	52270	0	0	0
0	0	0	Office Supplies	52305	0	0	0
15,419	23,344	18,000	Operating Supplies	52310	20,000	20,000	20,000
4,045	5,711	6,500	Gas, Oil, Lubrication	52315	6,500	6,500	6,500
0	0	0	Janitorial Supplies	52320	0	0	0
2,965	3,230	15,000	Repair & Maintenance Supplies	52330	12,000	12,000	12,000
49,825	42,809	60,000	Construction & Building Supplies	52335	60,000	60,000	60,000
4,465	6,101	10,000	Small Tools	52350	10,000	10,000	10,000
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
296	160	300	Dues & Memberships	52405	300	300	300
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
63,527	54,880	77,000	Fueling Contract	52475	82,000	82,000	82,000
285	177	2,500	Training & Education	52480	2,500	2,500	2,500
1,556	0	1,300	Travel Expense	52485	1,300	1,300	1,300
117,389	116,742	140,000	Fleet Charges	52486	140,000	140,000	140,000
0	0	0	Private Mileage	52487	0	0	0
267	224	5,000	Other Materials & Services	52495	3,000	3,000	3,000
115	0	300	Permits, Licenses & Fees	52500	300	300	300
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
4,134	0	5,000	Equipment Rental	52605	5,000	5,000	5,000
538	120	8,000	Repair & Maintenance Services	52610	8,000	8,000	8,000
0	0	0	Other Chemicals	52890	0	0	0
363,162	343,279	456,900	MATERIALS & SERVICES SUBTOTAL		470,900	470,900	470,900
1,991,324	2,146,402	2,360,800	TOTAL EXPENDITURE		2,324,400	2,324,400	2,324,400

UOPS POSITION AND SALARY EXPENSE ▼ System Maintenance | 8373

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
14.00	14.00	13.00	13.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	2.00	1.00	Field Constr/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Senior Field Maintenance Technician	6	Yes
15.00	15.00	15.00	15.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
14.00	14.00	13.00	13.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	2.00	1.00	Field Constr/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Senior Field Maintenance Technician	6	Yes
15.00	15.00	15.00	15.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Field Construction/Maintenance Tech 2	5	Yes
0.00	0.00	0.00	0.00	Field Constr/Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Senior Field Maintenance Technician	6	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ System Maintenance | 8373

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,043,320	1,096,927	1,189,400	Wages & Other Pay	51100	1,219,500	1,219,500	1,219,500
46,209	36,170	50,000	Temporary	51130	55,000	55,000	55,000
9,318	12,991	25,000	Overtime	51140	18,000	18,000	18,000
0	0	0	Out of Class Straight Time	51170	0	0	0
494,966	523,016	571,900	Other Personnel Expenses	51600	582,900	582,900	582,900
0	0	0	Tuition Reimbursement	51761	0	0	0
3,375	3,525	3,000	Other Employee Allowances	51900	3,000	3,000	3,000
0	0	0	Auto Allowance	51910	0	0	0
840	840	800	Mobile Computing Allowance	51915	800	800	800
1,598,029	1,673,469	1,840,100	PERSONNEL EXPENSE SUBTOTAL		1,879,200	1,879,200	1,879,200
0	0	0	Electricity	52110	0	0	0
17,394	16,729	16,000	Water	52120	16,000	16,000	16,000
0	0	0	Natural Gas	52130	0	0	0
59,716	86,906	60,000	Garbage	52140	66,000	66,000	66,000
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
108,939	149,336	100,000	Contracted Services	52205	110,000	110,000	110,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Recording Fees	52250	0	0	0
11,137	9,234	10,000	Laundry	52260	10,000	10,000	10,000
0	0	0	Other Government Services	52270	0	0	0
448	210	0	Office Supplies	52305	0	0	0
374	1,445	700	Operating Supplies	52310	700	700	700
2,851	675	4,000	Gas, Oil, Lubrication	52315	1,000	1,000	1,000
0	0	0	Janitorial Supplies	52320	0	0	0
57,338	54,652	69,000	Repair & Maintenance Supplies	52330	85,000	85,000	85,000
63	0	0	Construction & Building Supplies	52335	0	0	0
3,589	2,270	3,000	Small Tools	52350	3,500	3,500	3,500
7,505	6,333	4,000	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
332	614	0	Computer Equipment Expensed	52385	1,000	1,000	1,000
150	576	500	Dues & Memberships	52405	500	500	500
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	400	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
51,565	55,802	65,000	Fueling Contract	52475	75,000	75,000	75,000
2,835	1,193	2,000	Training & Education	52480	1,000	1,000	1,000
0	0	800	Travel Expense	52485	300	300	300
188,592	89,741	165,000	Fleet Charges	52486	175,000	175,000	175,000
74	0	0	Private Mileage	52487	0	0	0
305	25	200	Other Materials & Services	52495	200	200	200
2,380	0	2,500	Permits, Licenses & Fees	52500	2,500	2,500	2,500
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
8,482	0	2,000	Equipment Rental	52605	0	0	0
901	5,911	3,100	Repair & Maintenance Services	52610	1,100	1,100	1,100
46,407	3,630	45,000	Other Chemicals	52890	50,000	50,000	50,000
571,377	485,282	553,200	MATERIALS & SERVICES SUBTOTAL		598,800	598,800	598,800
2,169,406	2,158,750	2,393,300	TOTAL EXPENDITURE		2,478,000	2,478,000	2,478,000

UOPS POSITION AND SALARY EXPENSE ▼ System Repair | 8371

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
13.00	13.00	13.00	12.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Constr/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Field Construction/Maint Superintendent	8	No
0.00	0.00	0.00	1.00	Senior Field Construction Tech	6	Yes
14.00	14.00	14.00	15.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
5.20	5.20	5.20	5.00	Field Construction/Maintenance Tech 2	5	Yes
0.80	0.80	0.80	0.80	Field Constr/Maint Supervisor	7	No
0.00	0.00	0.00	1.00	Field Construction/Maint Superintendent	8	No
0.00	0.00	0.00	1.00	Senior Field Construction Tech	6	Yes
6.00	6.00	6.00	7.80	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
7.80	7.80	7.80	7.00	Field Construction/Maintenance Tech 2	5	Yes
0.20	0.20	0.20	0.20	Field Constr/Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Field Construction/Maint Superintendent	8	No
0.00	0.00	0.00	0.00	Senior Field Construction Tech	6	Yes
8.00	8.00	8.00	7.20	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ System Repair | 8371

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
565,080	658,195	835,200	Wages & Other Pay	51100	887,700	887,700	887,700
0	0	0	Temporary	51130	0	0	0
10,393	12,501	25,000	Overtime	51140	25,000	25,000	25,000
0	0	0	Out of Class Straight Time	51170	0	0	0
236,017	279,061	349,100	Other Personnel Expenses	51600	361,500	361,500	361,500
0	0	0	Tuition Reimbursement	51761	0	0	0
3,300	3,075	2,800	Other Employee Allowances	51900	3,000	3,000	3,000
0	0	0	Auto Allowance	51910	0	0	0
840	840	800	Mobile Computing Allowance	51915	800	800	800
815,629	953,671	1,212,900	PERSONNEL EXPENSE SUBTOTAL		1,278,000	1,278,000	1,278,000
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
182	0	2,000	Garbage	52140	2,000	2,000	2,000
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
2,753	605	10,000	Contracted Services	52205	10,000	10,000	10,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Recording Fees	52250	0	0	0
7,318	8,647	7,000	Laundry	52260	9,000	9,000	9,000
0	0	0	Other Government Services	52270	0	0	0
94	270	0	Office Supplies	52305	400	400	400
87	0	1,000	Operating Supplies	52310	500	500	500
11,966	10,252	12,000	Gas, Oil, Lubrication	52315	12,000	12,000	12,000
0	0	0	Janitorial Supplies	52320	0	0	0
20,086	25,685	45,000	Repair & Maintenance Supplies	52330	45,000	45,000	45,000
58,340	63,775	100,000	Construction & Building Supplies	52335	100,000	100,000	100,000
5,570	8,622	9,200	Small Tools	52350	9,200	9,200	9,200
1,820	0	2,000	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	720	0	Computer Equipment Expensed	52385	0	0	0
360	320	300	Dues & Memberships	52405	300	300	300
13	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
40,962	31,488	45,000	Fueling Contract	52475	55,000	55,000	55,000
3,736	465	2,700	Training & Education	52480	2,700	2,700	2,700
1,009	0	2,000	Travel Expense	52485	2,000	2,000	2,000
83,058	95,161	90,000	Fleet Charges	52486	90,000	90,000	90,000
257	0	1,000	Private Mileage	52487	500	500	500
939	2,174	300	Other Materials & Services	52495	800	800	800
250	132	500	Permits, Licenses & Fees	52500	500	500	500
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
5,533	2,233	5,000	Equipment Rental	52605	5,000	5,000	5,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
244,332	250,549	335,000	MATERIALS & SERVICES SUBTOTAL		344,900	344,900	344,900
1,059,961	1,204,220	1,547,900	TOTAL EXPENDITURE		1,622,900	1,622,900	1,622,900

UOPS POSITION AND SALARY EXPENSE ▼ TV/Flow Monitoring | 8375

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
13.00	12.00	12.00	10.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	2.00	Senior Field Maintenance Technician	6	Yes
14.00	13.00	13.00	13.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
13.00	12.00	12.00	10.00	Field Construction/Maintenance Tech 2	5	Yes
1.00	1.00	1.00	1.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	2.00	Senior Field Maintenance Technician	6	Yes
14.00	13.00	13.00	13.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Field Construction/Maintenance Tech 2	5	Yes
0.00	0.00	0.00	0.00	Field Construction/Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Senior Field Maintenance Technician	6	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ TV/Flow Monitoring | 8375

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,073,146	1,066,882	1,054,700	Wages & Other Pay	51100	1,089,100	1,089,100	1,089,100
0	0	0	Temporary	51130	0	0	0
6,447	11,177	11,000	Overtime	51140	9,000	9,000	9,000
0	0	0	Out of Class Straight Time	51170	0	0	0
492,439	479,311	485,200	Other Personnel Expenses	51600	490,400	490,400	490,400
0	160	0	Tuition Reimbursement	51761	0	0	0
3,075	2,850	2,600	Other Employee Allowances	51900	2,600	2,600	2,600
0	0	0	Auto Allowance	51910	0	0	0
840	840	800	Mobile Computing Allowance	51915	800	800	800
1,575,946	1,561,219	1,554,300	PERSONNEL EXPENSE SUBTOTAL		1,591,900	1,591,900	1,591,900
11,177	11,334	10,300	Electricity	52110	11,500	11,500	11,500
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
145,529	1,226	15,000	Contracted Services	52205	15,000	15,000	15,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Recording Fees	52250	0	0	0
5,502	5,491	4,900	Laundry	52260	5,900	5,900	5,900
0	0	0	Other Government Services	52270	0	0	0
47	305	200	Office Supplies	52305	200	200	200
10	95	500	Operating Supplies	52310	500	500	500
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
16,825	17,596	22,500	Repair & Maintenance Supplies	52330	22,500	22,500	22,500
0	0	0	Construction & Building Supplies	52335	0	0	0
4,319	2,466	5,200	Small Tools	52350	5,200	5,200	5,200
0	0	0	Safety Equipment	52360	0	0	0
899	1,985	0	Postage & Freight	52375	1,000	1,000	1,000
0	0	0	Computer Equipment Expensed	52385	0	0	0
240	0	500	Dues & Memberships	52405	500	500	500
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
15,524	14,958	23,000	Fueling Contract	52475	23,000	23,000	23,000
1,780	0	2,300	Training & Education	52480	2,300	2,300	2,300
565	0	600	Travel Expense	52485	600	600	600
29,215	22,557	33,000	Fleet Charges	52486	33,000	33,000	33,000
206	0	0	Private Mileage	52487	0	0	0
0	196	0	Other Materials & Services	52495	200	200	200
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
46,768	54,888	80,000	Repair & Maintenance Services	52610	70,000	70,000	70,000
0	0	15,000	Other Chemicals	52890	0	0	0
278,607	133,096	213,000	MATERIALS & SERVICES SUBTOTAL		191,400	191,400	191,400
1,854,553	1,694,315	1,767,300	TOTAL EXPENDITURE		1,783,300	1,783,300	1,783,300

UOPS POSITION AND SALARY EXPENSE ▼ Utility Operations & Services Administration | 8201

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Managing Director - Utility Operations & Services	14	No
1.00	1.00	0.00	0.00	Building & Facilities Services Manager	10	No
1.00	1.00	0.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	0.00	Conveyance Sys Dept Director LT	13	No
1.00	1.00	0.00	0.00	Field Operations Division Manager	11	No
1.00	1.00	0.00	0.00	Planning & Development Svcs Division Mgr	11	No
0.00	1.00	0.00	0.00	Utility Operations Services Manager	12	No
5.00	6.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.85	0.85	0.00	0.00	Managing Director - Utility Operations & Services	14	No
1.00	1.00	0.00	0.00	Building & Facilities Services Manager	10	No
0.85	0.85	0.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	0.00	Conveyance Sys Dept Director LT	13	No
0.85	0.85	0.00	0.00	Field Operations Division Manager	11	No
0.85	0.85	0.00	0.00	Planning & Development Svcs Division Mgr	11	No
0.00	0.85	0.00	0.00	Utility Operations Services Manager	12	No
4.40	5.25	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.15	0.15	0.00	0.00	Managing Director - Utility Operations & Services	14	No
0.00	0.00	0.00	0.00	Building & Facilities Services Manager	10	No
0.15	0.15	0.00	0.00	Engineering Division Manager	11	No
0.00	0.00	0.00	0.00	Conveyance Sys Dept Director LT	13	No
0.15	0.15	0.00	0.00	Field Operations Division Manager	11	No
0.15	0.15	0.00	0.00	Planning & Development Svcs Division Mgr	11	No
0.00	0.15	0.00	0.00	Utility Operations Services Manager	12	No
0.60	0.75	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Utility Operations & Services Administration | 8201

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
789,681	856,829	0	0 Wages & Other Pay	51100	0	0	0
42,825	18,838	0	0 Temporary	51130	0	0	0
6,935	2,031	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
239,834	249,439	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
300	0	0	0 Other Employee Allowances	51900	0	0	0
0	500	0	0 Auto Allowance	51910	0	0	0
4,200	4,325	0	0 Mobile Computing Allowance	51915	0	0	0
1,083,775	1,131,962	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	0	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
2,428	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
1,175	829	0	0 Office Supplies	52305	0	0	0
9	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
434	0	0	0 Construction & Building Supplies	52335	0	0	0
304	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
20	3	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
9,719	11,360	0	0 Dues & Memberships	52405	0	0	0
104	325	0	0 Books, Subscriptions & Publications	52410	0	0	0
375	0	0	0 Software Licenses & Support	52425	0	0	0
0	771	0	0 Publication Notices	52430	0	0	0
651	221	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
3,819	637	0	0 Training & Education	52480	0	0	0
3,940	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
1,339	514	0	0 Private Mileage	52487	0	0	0
2,389	87	0	0 Other Materials & Services	52495	0	0	0
15	162	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
26,719	14,908	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
1,110,494	1,146,870	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Development Related Services | 8225

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	0.00	0.00	0.00	Construction Inspection Supervisor	8	No
5.00	0.00	0.00	0.00	Construction Inspector 2	5	Yes
1.00	0.00	0.00	0.00	Construction Inspector 3	6	Yes
1.00	1.00	0.00	0.00	Development Services Supervisor	9	No
1.00	1.00	0.00	0.00	Engineering Technician 2	5	Yes
2.00	2.00	0.00	0.00	Engineering Technician 3	6	Yes
1.00	1.00	0.00	0.00	GIS Analyst	7	No
1.00	1.00	0.00	0.00	GIS Specialist	6	No
2.00	2.00	0.00	0.00	Permits Technician 2	3	Yes
1.00	1.00	0.00	0.00	Permit/Mapping Supervisor	8	No
2.00	3.00	0.00	0.00	Plan Reviewer	7	No
1.00	1.00	0.00	0.00	Senior Water Resources Program Manager	10	No
0.00	1.00	0.00	0.00	Senior Plan Reviewer	8	No
2.00	2.00	0.00	0.00	Water Resources Program Manager	9	No
1.00	1.00	0.00	0.00	Business Systems Analyst 2	8	No
22.00	17.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 PROPOSED	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	0.00	0.00	0.00	Construction Inspection Supervisor	8	No
5.00	0.00	0.00	0.00	Construction Inspector 2	5	Yes
1.00	0.00	0.00	0.00	Construction Inspector 3	6	Yes
0.90	0.90	0.00	0.00	Development Services Supervisor	9	No
1.00	1.00	0.00	0.00	Engineering Technician 2	5	Yes
1.90	1.90	0.00	0.00	Engineering Technician 3	6	Yes
1.00	1.00	0.00	0.00	GIS Analyst	7	No
1.00	1.00	0.00	0.00	GIS Specialist	6	No
2.00	2.00	0.00	0.00	Permits Technician 2	3	Yes
1.00	1.00	0.00	0.00	Permit/Mapping Supervisor	8	No
2.00	3.00	0.00	0.00	Plan Reviewer	7	No
1.00	1.00	0.00	0.00	Senior Water Resources Program Manager	10	No
0.00	1.00	0.00	0.00	Senior Plan Reviewer	8	No
1.70	1.70	0.00	0.00	Water Resources Program Manager	9	No
1.00	1.00	0.00	0.00	Business Systems Analyst 2	8	No
21.50	16.50	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Construction Inspection Supervisor	8	No
0.00	0.00	0.00	0.00	Construction Inspector 2	5	Yes
0.00	0.00	0.00	0.00	Construction Inspector 3	6	Yes
0.10	0.10	0.00	0.00	Development Services Supervisor	9	No
0.00	0.00	0.00	0.00	Engineering Technician 2	5	Yes
0.10	0.10	0.00	0.00	Engineering Technician 3	6	Yes
0.00	0.00	0.00	0.00	GIS Analyst	7	No
0.00	0.00	0.00	0.00	GIS Specialist	6	No
0.00	0.00	0.00	0.00	Permits Technician 2	3	Yes
0.00	0.00	0.00	0.00	Permit/Mapping Supervisor	8	No
0.00	0.00	0.00	0.00	Plan Reviewer	7	No
0.00	0.00	0.00	0.00	Senior Water Resources Program Manager	10	No
0.00	0.00	0.00	0.00	Senior Plan Reviewer	8	No
0.30	0.30	0.00	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	0.00	Business Systems Analyst 2	8	No
0.50	0.50	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Development Related Services | 8225

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,856,784	1,621,921	0	0 Wages & Other Pay	51100	0	0	0
24,675	0	0	0 Temporary	51130	0	0	0
20,233	4,913	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
699,199	555,320	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
1,800	1,725	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
1,560	1,215	0	0 Mobile Computing Allowance	51915	0	0	0
2,604,251	2,185,093	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	35,475	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
140,278	165,298	0	0 Professional Services	52240	0	0	0
12,650	8,494	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
122	0	0	0 Other Government Services	52270	0	0	0
1,939	402	0	0 Office Supplies	52305	0	0	0
875	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
30	0	0	0 Construction & Building Supplies	52335	0	0	0
1,161	66	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	21	0	0 Postage & Freight	52375	0	0	0
4,319	0	0	0 Computer Equipment Expensed	52385	0	0	0
2,432	1,393	0	0 Dues & Memberships	52405	0	0	0
0	96	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
1,654	1,054	0	0 Publication Notices	52430	0	0	0
4,011	3,351	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
10,121	1,512	0	0 Fueling Contract	52475	0	0	0
4,634	535	0	0 Training & Education	52480	0	0	0
1,763	0	0	0 Travel Expense	52485	0	0	0
5,554	0	0	0 Fleet Charges	52486	0	0	0
337	19	0	0 Private Mileage	52487	0	0	0
870	192	0	0 Other Materials & Services	52495	0	0	0
140	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
9,244	10,373	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
1,370	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
203,501	228,280	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
2,807,752	2,413,373	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Systems Delivery Planning | 8226

Total						
FY 2020 ACTUAL	2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	0.00	0.00	Construction Inspection Supervisor	8	No
0.00	5.00	0.00	0.00	Construction Inspector 2	5	Yes
0.00	1.00	0.00	0.00	Construction Inspector 3	6	Yes
1.00	1.00	0.00	0.00	Development Services Supervisor	9	No
1.00	1.00	0.00	0.00	Engineering Technician 2	5	Yes
1.00	1.00	0.00	0.00	Inspection Program Manager	7	No
1.00	0.00	0.00	0.00	Plan Reviewer	7	No
0.00	1.00	0.00	0.00	Technical Services Specialist 3	6	Yes
4.00	11.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	0.00	0.00	Construction Inspection Supervisor	8	No
0.00	5.00	0.00	0.00	Construction Inspector 2	5	Yes
0.00	1.00	0.00	0.00	Construction Inspector 3	6	Yes
1.00	1.00	0.00	0.00	Development Services Supervisor	9	No
1.00	1.00	0.00	0.00	Engineering Technician 2	5	Yes
1.00	1.00	0.00	0.00	Inspection Program Manager	7	No
1.00	0.00	0.00	0.00	Plan Reviewer	7	No
0.00	1.00	0.00	0.00	Technical Services Specialist 3	6	Yes
4.00	11.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Construction Inspection Supervisor	8	No
0.00	0.00	0.00	0.00	Construction Inspector 2	5	Yes
0.00	0.00	0.00	0.00	Construction Inspector 3	6	Yes
0.00	0.00	0.00	0.00	Development Services Supervisor	9	No
0.00	0.00	0.00	0.00	Engineering Technician 2	5	Yes
0.00	0.00	0.00	0.00	Inspection Program Manager	7	No
0.00	0.00	0.00	0.00	Plan Reviewer	7	No
0.00	0.00	0.00	0.00	Technical Services Specialist 3	6	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Systems Delivery Planning | 8226

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
355,050	944,326	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
123,955	381,197	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
375	225	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
360	705	0	0 Mobile Computing Allowance	51915	0	0	0
479,740	1,326,453	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	0	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
12	0	0	0 Office Supplies	52305	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
460	0	0	0 Small Tools	52350	0	0	0
0	427	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
2,220	0	0	0 Computer Equipment Expensed	52385	0	0	0
146	158	0	0 Dues & Memberships	52405	0	0	0
0	74	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
325	325	0	0 Publication Notices	52430	0	0	0
0	824	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
283	11,279	0	0 Fueling Contract	52475	0	0	0
1,530	1,385	0	0 Training & Education	52480	0	0	0
450	0	0	0 Travel Expense	52485	0	0	0
308	12,316	0	0 Fleet Charges	52486	0	0	0
213	0	0	0 Private Mileage	52487	0	0	0
0	772	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
5,948	27,559	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
485,688	1,354,012	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Building Maintenance - ABC | 8507

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Facilities Maintenance Technician	3	Yes
1.00	1.00	0.00	0.00	Operations Coordinator - Facilities	5	No
2.00	2.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Facilities Maintenance Technician	3	Yes
1.00	1.00	0.00	0.00	Operations Coordinator - Facilities	5	No
2.00	2.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Facilities Maintenance Technician	3	Yes
0.00	0.00	0.00	0.00	Operations Coordinator - Facilities	5	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Building Maintenance - ABC | 8507

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
2,937	126,688	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
78	1,295	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
247	40,327	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
0	375	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	1,610	0	0 Mobile Computing Allowance	51915	0	0	0
3,262	170,296	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
138,409	151,485	0	0 Electricity	52110	0	0	0
13,871	17,436	0	0 Water	52120	0	0	0
37,668	39,375	0	0 Natural Gas	52130	0	0	0
5,035	4,950	0	0 Garbage	52140	0	0	0
6,195	6,489	0	0 Surface Water Management Charge	52150	0	0	0
1,992	1,964	0	0 Other Utility Services	52160	0	0	0
14,833	15,431	0	0 Sewer Charges	52170	0	0	0
437,413	205,152	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
55,216	44,560	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	150	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
1,770	240	0	0 Office Supplies	52305	0	0	0
0	88	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
9,821	5,937	0	0 Janitorial Supplies	52320	0	0	0
0	2,837	0	0 Repair & Maintenance Supplies	52330	0	0	0
50,716	34,196	0	0 Construction & Building Supplies	52335	0	0	0
2,554	0	0	0 Small Tools	52350	0	0	0
0	410	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	399	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
1,616	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
1,295	1,355	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
1,153	1,238	0	0 Fueling Contract	52475	0	0	0
0	500	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
4,489	960	0	0 Fleet Charges	52486	0	0	0
116	2,613	0	0 Private Mileage	52487	0	0	0
433	9,653	0	0 Other Materials & Services	52495	0	0	0
20	1,091	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
549	0	0	0 Equipment Rental	52605	0	0	0
143,029	131,969	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
928,192	680,476	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
931,454	850,771	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Building Maintenance - Fernhill Research Center | 8511

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	No FTE in this program		
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Building Maintenance - Fernhill Research Center | 8511

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
75,731	71,889	0	0 Electricity	52110	0	0	0
8,038	4,858	0	0 Water	52120	0	0	0
6,320	5,968	0	0 Natural Gas	52130	0	0	0
2,095	2,356	0	0 Garbage	52140	0	0	0
7,482	4,786	0	0 Surface Water Management Charge	52150	0	0	0
183	108	0	0 Other Utility Services	52160	0	0	0
10,896	5,203	0	0 Sewer Charges	52170	0	0	0
4,307	29,945	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
28,650	31,679	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
0	0	0	0 Office Supplies	52305	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
13	12,417	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
0	2,091	0	0 Other Materials & Services	52495	0	0	0
120	197	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
31,702	35,393	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	231	0	0 Equipment Rental	52605	0	0	0
37,244	51,587	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
212,782	258,708	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
212,782	258,708	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Building Maintenance - Field Operations Facility | 8508

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	No FTE in this program		
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Building Maintenance - Field Operations Facility | 8508

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
35,358	33,952	0	0 Electricity	52110	0	0	0
17,830	12,130	0	0 Water	52120	0	0	0
10,718	10,771	0	0 Natural Gas	52130	0	0	0
2,702	2,880	0	0 Garbage	52140	0	0	0
4,770	5,049	0	0 Surface Water Management Charge	52150	0	0	0
71	0	0	0 Other Utility Services	52160	0	0	0
7,803	11,422	0	0 Sewer Charges	52170	0	0	0
78,262	50,768	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
14,254	16,476	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
0	0	0	0 Office Supplies	52305	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
4,717	3,371	0	0 Janitorial Supplies	52320	0	0	0
0	772	0	0 Repair & Maintenance Supplies	52330	0	0	0
9,216	10,232	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
540	1,515	0	0 Other Materials & Services	52495	0	0	0
103	123	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
45,017	44,239	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
231,359	203,701	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
231,359	203,701	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Building Maintenance - Materials Handling Yard | 8509

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	No FTE in this program		
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Building Maintenance - Materials Handling Yard | 8509

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
4,397	7,445	0	0 Electricity	52110	0	0	0
5,542	12,169	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
121	886	0	0 Garbage	52140	0	0	0
14,872	17,059	0	0 Surface Water Management Charge	52150	0	0	0
579	592	0	0 Other Utility Services	52160	0	0	0
666	801	0	0 Sewer Charges	52170	0	0	0
1,667	3,353	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
14,542	12,771	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
0	0	0	0 Office Supplies	52305	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
120	98	0	0 Janitorial Supplies	52320	0	0	0
0	82	0	0 Repair & Maintenance Supplies	52330	0	0	0
1,214	2,893	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
0	56	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	1,391	0	0 Equipment Rental	52605	0	0	0
5,353	9,104	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
49,074	68,699	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
49,074	68,699	0	TOTAL EXPENDITURE		0	0	0

UOPS POSITION AND SALARY EXPENSE ▼ Building Maintenance - Tualatin River Farm | 8510

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	No FTE in this program		
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00			
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

UOPS EXPENDITURE SUMMARY ▼ Building Maintenance - Tualatin River Farm | 8510

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	0	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	0	0	0 Out of Class Straight Time	51170	0	0	0
0	0	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	0	0	0 Mobile Computing Allowance	51915	0	0	0
0	0	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
702	1,459	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
7,097	(1,576)	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
1,779	1,828	0	0 Contracted Services	52205	0	0	0
108	0	0	0 Engineering Services	52210	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Recording Fees	52250	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Other Government Services	52270	0	0	0
0	0	0	0 Office Supplies	52305	0	0	0
18	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	2,834	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	0	0	0 Private Mileage	52487	0	0	0
616	568	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	1,500	0	0 Equipment Rental	52605	0	0	0
4,227	6,327	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
14,547	12,941	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
14,547	12,941	0	TOTAL EXPENDITURE		0	0	0



Water Resource Recovery Operations & Services

Water Resource Recovery Operations & Services (WRRD) provides operation, maintenance, and engineering for the four CWS water resource recovery facilities and 43 pump stations. More than 66 million gallons of wastewater per day, on average, are pumped and treated to some of the highest standards in the nation. The water is then returned to the environment in the Tualatin River or reused for irrigation on golf courses, parks, and sports fields. Solids removed from the wastewater are processed and used as soil amendments on farmland and nutrients are recovered and sold as a premium



663

Tons of phosphorus
recovered at the
Durham and Rock
Creek water resource
recovery facilities

14,931

Pieces of equipment
maintained

fertilizer. Digester gas produced in processing the solids is the fuel for cogeneration systems that offset approximately 47% of the electrical energy and 70% of the natural gas energy used by the facilities.

The department is organized into five operating programs that deliver on the core functions of conveying and treating wastewater: Durham; Rock Creek; Hillsboro/Forest Grove; Pump Stations; and Biosolids, Reuse & Fernhill. Two programs support the operating groups: Treatment Plant Services and Administration.

The FY 2022-23 budget includes an increase of one FTE as compared to the FY 2021-22 Revised Budget. There are three new FTE — one Engineer in Treatment Plant Services, one Plant Operator 2 in Rock Creek Operations, and one Utility Worker in Forest Grove Operations. Two FTE will transfer into the Administrative Services program in Business Services as part of operational structure changes.

Durham

Durham is a tertiary wastewater treatment plant that treats an average annual flow of 21.4 mgd (million gallons per day). This program is responsible for day-to-day operation of the Durham Water Resource Recovery Facility, including process control, and mechanical, electrical, and instrumentation maintenance.

Rock Creek

Rock Creek is a tertiary wastewater treatment plant that treats an average annual flow of 36.2 mgd. This program is responsible for day-to-day operation of the Rock Creek Water Resource Recovery Facility, including process control, and mechanical, electrical, and instrumentation maintenance.

Hillsboro and Forest Grove

Hillsboro and Forest Grove are secondary treatment plants that treat an average of 4.4 mgd and 3.9 mgd, respectively. This program is responsible for day-to-day operation of the Hillsboro and Forest Grove water resource recovery facilities, including process control, and mechanical, electrical, and instrumentation maintenance.

Pump Stations

The majority of flow to the water resource recovery facilities is conveyed by gravity pipelines. However, due to topography or distance, pump stations are required to either lift the flow to gravity lines that can transport the flow to the water resource recovery facilities or to directly feed them via force mains. This program

is responsible for the day-to-day operation of the pump stations, including mechanical, electrical, and instrumentation maintenance.

Biosolids, Reuse & Fernhill

This program provides resource recovery of outputs from the treatment plants. Solids removed from the treatment plants are stabilized and converted to Class B biosolids, which are land applied as a beneficial agricultural soil amendment. During the summer, approximately 57 million gallons of effluent are utilized for urban irrigation. The Fernhill Natural Treatment System cools the effluent from the Forest Grove Water Resource Recovery Facility before discharge to the Tualatin River, while enhancing valuable wetland habitat in the process.

Treatment Plant Services

This program provides engineering for project delivery and for technology development and research. Project delivery includes facility planning, project design, and construction management. Technology development and research includes evaluating and piloting new, innovative treatment processes, sensor technologies, and process control strategies to determine what should be implemented full scale.

Administration

This program includes senior management who provide policy and strategic planning for growth and regulatory compliance, as well as technical and fiscal management of the department's operating programs.

80

Million gallons annually
used for irrigation

10,100

Dry tons of biosolids
applied annually




Water Resource Recovery Operations & Services
Full-time employees: 124
Departmental operating budget: \$27,642,700

Department Service Levels	20-21 Actuals	21-22 Estim.	22-23 Targets
Total water treated (million gallons - MG)	23,877	24,300	25,000
Biogas flared (Ghg equivalent)	55,664,700	55,600,000	55,600,000
Natural gas consumed (therms)	24,847,000	25,000,000	25,000,000
FOG revenue	\$587,950	\$457,225	\$664,380
Power produced (kWh)	12,260,016	14,836,400	15,051,800
Phosphorus recovered (tons)	844	663	850
Septic haulers revenue	\$1,512,326	\$1,326,000	\$1,339,300
Struvite recovery revenue	\$291,042	\$107,100	\$111,400
Pieces of equipment maintained	14,931	14,931	14,000
Work orders completed	2,561	2,600	2,600
Total gallons used for irrigation (MG)	81.14	80	90
Biosolids applied (dry tons)	10,240	10,100	10,200

Effectiveness & Efficiency Measures	20-21 Actual	21-22 Estim.	22-23 Target
Phosphorus recovered Crystal Green	65%	65%	65%
Million gallons treated per Operations & Maintenance staff	162	197	201
Cost per million gallons treated	\$1,172	\$1,005	\$1,105
Power produced per MG (kWh)	513	611	602
Phosphorus recovered per MG (lb)	70.70	54.57	68.00

TBD (to be determined / developed): Refers to estimates that are not yet completed in the current fiscal year or new metrics that will be tracked and collected in the upcoming fiscal year.

N/A (not applicable): Refers to metric data that may not be readily available or outside CWS' control, such as metrics related to external factors and demands for services.

	Objectives	Initiative Statements	KSO
Treatment Fac. O&M	Enhance succession planning, workforce development, and career path development	Implement an electrical and instrumentation apprenticeship program to enhance succession planning, workforce development, and career path development for positions requiring specialized skills.	
		Develop internship from trainee to career programs for the PMT2 and Operator 2 program.	
		Develop staff for leadership roles and career development at CWS.	
Pump Stations	Improve operational planning and response to emergency events	Develop and document standard operating procedures in the event of emergency overflows, pump failures, power failures, and other natural disasters.	
	Better coordination among work groups to improve project deliveries	Implement just-in-time project delivery for pump stations by coordinating with Conveyance, Field Operations, Pump Stations team, and Development Services.	
Biosolids, Reuse, & Fernhill	Urban Phase I	Initiatives include expanding urban reuse to The Reserve Golf Course and Rood Bridge Park.	
	Agricultural Phase II	Initiatives include supporting agricultural demand to Jackson Bottom, Davis Tool, Zurcher, and Elsberry-Terehorst.	
	Fernhill Master Plan	Develop final design of Fernhill north landscape area	
	Biosolids land application - agricultural partnerships	Develop GIS agronomy program to coordinate land application rates with farmers	



	Objectives	Initiative Statements	KSO
Technology Development & Research	Support CIP projects	Develop and deploy a capital planning tool for the East and West Basins during the West Basin Master Plan effort.	
	Increase understanding of biological phosphorus removal stability	Develop and conduct BPR stability monitoring using instrumentation, bioassays, and laboratory analysis.	
	Define current and future WRRD instrumentation needs	Evaluate existing instrumentation resources and maintenance needs and develop implementation plan for future instrumentation additions.	
	Increase understanding and monitoring of digester stability	Develop metrics and instrumentation to prevent digester instability and to properly load digestion processes for maximum benefit.	
	Develop copper treatment strategy for Forest Grove compliance	Project effluent copper concentration based on options including primary treatment, chemical addition, and source management.	
Treatment Plant Services	Efficient and effective construction CIP projects	Anticipate potential changes early in the project and resolve as quickly as possible to minimize cost implication.	
		Engage plant staff and incorporate their suggestions to maximize the value and utility of all improvements.	
	Utilize advanced analysis and design modeling tools	Leverage advances in 3D-scanning to develop accurate models of each WRRF. design CIP projects as 3D models.	
		Develop tools to document treatment capacities. Provide liquid stream process (e.g SUMO) and hydraulic (e.g., visual hydraulics, Fathom) models that document and inform treatment capacities and limitations.	
	Enhance infrastructure resilience	Continue to expand our understanding of seismic resilience and climate change and apply that knowledge develop an appropriate level of risk mitigation.	
	Maximize project value by obtaining staff Input	Obtain input for O&M and EATS staff during design of capital projects to optimize process efficiency and minimize construction changes.	
Administration	Improve customer relationship	Investing in odor reduction projects.	
	Program anagement	Provides general and fiscal management of programs.	



WATER RESOURCE RECOVERY OPERATIONS & SERVICES ▼ Dept Expenditure Summary

OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 ADOPTED	Change from FY22 Budget
Wages & Other Pay	51100	9,243,005	10,647,966	9,891,600	10,070,500	
Temporary	51130	654,195	676,325	289,000	229,000	
Overtime	51140	277,070	265,501	224,000	239,000	
Other Personnel Expenses	51600	3,115,051	3,542,616	3,853,600	3,883,000	
Tuition Reimbursement	51761	939	5,045	0	7,000	
Other Employee Allowances	51900	22,725	19,786	21,100	21,500	
Auto Allowance	51910	7,440	5,890	3,700	3,700	
Mobile Computing Allowance	51915	45,845	49,146	36,300	37,100	
PERSONNEL EXPENSE SUBTOTAL		13,366,270	15,212,275	14,319,300	14,490,800	1.2%
Electricity	52110	2,562,027	2,918,365	3,000,500	3,056,800	
Water	52120	201,324	188,655	212,900	176,900	
Natural Gas	52130	180,031	192,361	187,000	187,000	
Garbage	52140	268,381	351,548	275,000	285,000	
Surface Water Management Charge	52150	24,535	27,114	20,400	24,400	
Other Utility Services	52160	2,606	2,577	4,000	3,100	
Sewer Charges	52170	19,518	19,058	0	20,000	
Contracted Services	52205	1,826,869	2,136,864	1,934,500	1,907,500	
Engineering Services	52210	25,346	0	0	0	
Landscape Services	52215	564,286	561,713	594,000	611,000	
Legal Services	52230	261	0	0	0	
Professional Services	52240	133,957	67,001	115,000	110,000	
Laundry	52260	44,551	46,013	0	0	
Office Supplies	52305	12,978	16,855	16,800	14,500	
Operating Supplies	52310	427,324	485,807	186,100	201,300	
Gas, Oil, Lubrication	52315	75,246	68,667	109,000	112,300	
Janitorial Supplies	52320	12,668	13,898	0	0	
Tech & Scientific Supplies	52325	3,843	5,988	5,000	5,000	
Repair & Maintenance Supplies	52330	1,352,442	1,375,883	1,360,000	1,404,500	
Construction & Building Supplies	52335	20,257	18,428	0	10,500	
Small Tools	52350	49,922	46,157	67,500	69,900	
Safety Equipment	52360	35,765	18,067	20,000	0	
Postage & Freight	52375	3,656	7,485	4,800	5,600	
Software Expensed	52380	20	404	500	0	
Computer Equipment Expensed	52385	9,386	495	5,000	4,500	
Inventory Adjustments	52395	39,731	54,257	0	0	
Dues & Memberships	52405	14,224	11,942	15,800	15,300	
Books, Subscriptions & Publications	52410	4,642	3,944	8,800	7,600	
Software Licenses & Support	52425	69,450	79,778	2,700	27,200	
Publication Notices	52430	200	765	500	0	
Printing	52435	1,985	527	1,500	500	
Telephone Services	52445	0	0	200	0	
Fueling Contract	52475	288,049	251,672	323,700	324,500	
Training & Education	52480	50,424	25,784	42,600	48,100	
Travel Expense	52485	40,352	0	32,500	30,900	
Fleet Charges	52486	50,647	58,060	41,600	42,300	
Private Mileage	52487	24,290	11,164	33,400	23,700	
Other Materials & Services	52495	44,247	37,316	37,000	37,000	
Permits, Licenses & Fees	52500	8,104	10,428	31,800	12,300	
Public Information	52505	0	2,401	0	0	
Taxes, Assessments & Liens	52510	2,913	3,045	3,100	3,100	
Bank Service Charge	52515	2,374	4,522	0	4,000	
Equipment Rental	52605	24,140	56,818	54,600	53,600	
Repair & Maintenance Services	52610	6,769	6,327	0	4,000	
Polymers - Dewatering	52810	1,024,035	1,068,954	1,201,000	1,230,000	
Polymers - Tertiary	52815	(130)	0	0	0	
Ferric Chloride	52820	261,976	289,545	308,000	298,000	
Alum	52825	518,284	284,252	445,000	365,000	
Sodium Hydroxide	52835	272,009	293,812	368,000	368,000	
Sodium Hypochlorite	52840	599,910	557,469	818,000	657,000	
Lime	52845	667,566	602,277	570,000	560,000	
Sodium Bisulfite	52850	277,081	241,043	300,000	266,000	
Liquid Ammonium Sulfate	52855	0	0	0	95,000	
Sulfuric Acid	52860	74,408	67,780	80,000	84,000	
Magnesium Chloride	52865	0	91,444	275,000	265,000	
Other Chemicals	52890	55,957	84,559	170,500	120,000	
MATERIALS & SERVICES SUBTOTAL		12,280,834	12,769,287	13,283,300	13,151,900	-1.0%
TOTAL EXPENDITURE		25,647,104	27,981,562	27,602,600	27,642,700	0.1%

WRRD POSITION AND SALARY EXPENSE ▼ Administration | 8301

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Administrative Assistant	4	No
2.00	3.00	2.00	0.00	Administrative Associate	3	No
1.00	1.00	0.00	0.00	Business Opportunities Manager	11	No
0.00	1.00	0.00	0.00	Chief Operating Officer	16	No
0.00	1.00	0.00	0.00	Enterprise Asset Services Manager	11	No
1.00	1.00	1.00	1.00	Plant Superintendent 2	10	No
2.00	3.00	3.00	3.00	Plant Superintendent 3	11	No
1.00	1.00	0.00	0.00	Program Support Specialist	5	No
2.00	1.00	1.00	1.00	Treatment Plant Services Manager	12	No
0.00	1.00	1.00	1.00	Water Resource Recovery Services Manager	12	No
1.00	1.00	1.00	1.00	Reuse Manager	9	No
1.00	0.00	0.00	0.00	Managing Director - Water Resource Recovery Operations & Services	14	No
12.00	15.00	9.00	7.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Administrative Assistant	4	No
1.00	1.50	1.00	0.00	Administrative Associate	3	No
0.50	0.50	0.00	0.00	Business Opportunities Manager	11	No
0.00	1.00	0.00	0.00	Chief Operating Officer	16	No
0.00	0.50	0.00	0.00	Enterprise Asset Services Manager	11	No
1.00	1.00	1.00	1.00	Plant Superintendent 2	10	No
2.00	3.00	3.00	3.00	Plant Superintendent 3	11	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
1.00	0.00	0.00	0.20	Treatment Plant Services Manager	12	No
0.00	1.00	1.00	1.00	Water Resource Recovery Services Manager	12	No
1.00	1.00	1.00	1.00	Reuse Manager	9	No
1.00	0.00	0.00	0.00	Managing Director - Water Resource Recovery Operations & Services	14	No
7.50	9.50	7.00	6.20	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Administrative Assistant	4	No
1.00	1.50	1.00	0.00	Administrative Associate	3	No
0.50	0.50	0.00	0.00	Business Opportunities Manager	11	No
0.00	0.00	0.00	0.00	Chief Operating Officer	16	No
0.00	0.50	0.00	0.00	Enterprise Asset Services Manager	11	No
0.00	0.00	0.00	0.00	Plant Superintendent 2	10	No
0.00	0.00	0.00	0.00	Plant Superintendent 3	11	No
1.00	1.00	0.00	0.00	Program Support Specialist	5	No
1.00	1.00	1.00	0.80	Treatment Plant Services Manager	12	No
0.00	0.00	0.00	0.00	Reuse Manager	9	No
0.00	0.00	0.00	0.00	Water Resource Recovery Services Manager	12	No
0.00	0.00	0.00	0.00	Managing Director - Water Resource Recovery Operations & Services	14	No
4.50	5.50	2.00	0.80	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Administration | 8301

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,165,647	1,633,828	1,001,300	Wages & Other Pay	51100	1,000,100	1,000,100	1,000,100
33,871	47,681	55,000	Temporary	51130	0	0	0
108	0	2,000	Overtime	51140	0	0	0
306,193	480,899	325,900	Other Personnel Expenses	51600	329,700	329,700	329,700
0	0	0	Tuition Reimbursement	51761	0	0	0
450	150	600	Other Employee Allowances	51900	600	600	600
7,440	5,890	3,700	Auto Allowance	51910	3,700	3,700	3,700
5,215	8,215	4,000	Mobile Computing Allowance	51915	4,000	4,000	4,000
1,518,924	2,176,664	1,392,500	PERSONNEL EXPENSE SUBTOTAL		1,338,100	1,338,100	1,338,100
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
7,209	7,552	15,000	Contracted Services	52205	8,000	8,000	8,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
22,949	24,120	15,000	Professional Services	52240	10,000	10,000	10,000
0	0	0	Laundry	52260	0	0	0
9,144	15,604	10,000	Office Supplies	52305	10,000	10,000	10,000
5,491	2,722	7,000	Operating Supplies	52310	7,000	7,000	7,000
50	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
273	3,536	0	Repair & Maintenance Supplies	52330	500	500	500
0	1,252	0	Construction & Building Supplies	52335	500	500	500
2,788	240	500	Small Tools	52350	500	500	500
33,190	16,219	20,000	Safety Equipment	52360	0	0	0
85	54	300	Postage & Freight	52375	300	300	300
0	395	500	Software Expensed	52380	0	0	0
1,964	51	2,000	Computer Equipment Expensed	52385	1,500	1,500	1,500
0	0	0	Inventory Adjustments	52395	0	0	0
2,835	2,792	3,200	Dues & Memberships	52405	3,200	3,200	3,200
2,193	2,333	2,000	Books, Subscriptions & Publications	52410	2,000	2,000	2,000
548	5,080	500	Software Licenses & Support	52425	0	0	0
200	0	0	Publication Notices	52430	0	0	0
476	517	1,000	Printing	52435	500	500	500
0	0	0	Telephone Services	52445	0	0	0
1,551	2,013	800	Fueling Contract	52475	800	800	800
8,881	4,898	3,000	Training & Education	52480	5,600	5,600	5,600
11,833	0	6,000	Travel Expense	52485	3,000	3,000	3,000
653	1,180	0	Fleet Charges	52486	0	0	0
1,622	821	3,000	Private Mileage	52487	3,000	3,000	3,000
34,509	26,604	27,000	Other Materials & Services	52495	27,000	27,000	27,000
1,217	1,567	1,000	Permits, Licenses & Fees	52500	1,000	1,000	1,000
0	7	0	Public Information	52505	0	0	0
2,839	2,975	3,000	Taxes, Assessments & Liens	52510	3,000	3,000	3,000
0	0	0	Bank Service Charge	52515	0	0	0
11	0	0	Equipment Rental	52605	0	0	0
1,465	1,202	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
153,974	123,732	120,800	MATERIALS & SERVICES SUBTOTAL		87,400	87,400	87,400
1,672,898	2,300,397	1,513,300	TOTAL EXPENDITURE		1,425,500	1,425,500	1,425,500

WRRD POSITION AND SALARY EXPENSE ▼ Biosolids/Reuse/Fernhill | 8331

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	2.00	2.00	Landscape Specialist	4	Yes
1.00	1.00	1.00	1.00	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Sr Landscape Specialist	6	Yes
2.00	3.00	4.00	4.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	2.00	2.00	Landscape Specialist	4	Yes
1.00	1.00	1.00	1.00	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Sr Landscape Specialist	6	Yes
2.00	3.00	4.00	4.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Landscape Specialist	4	Yes
0.00	0.00	0.00	0.00	Operations Analyst 2	8	No
0.00	0.00	0.00	0.00	Sr Landscape Specialist	6	Yes
0.50	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Biosolids/Reuse/Fernhill | 8331

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
113,622	182,237	299,000	Wages & Other Pay	51100	250,100	250,100	250,100
95,838	78,238	50,000	Temporary	51130	0	0	0
820	2,079	0	Overtime	51140	2,000	2,000	2,000
52,343	76,549	142,300	Other Personnel Expenses	51600	103,100	103,100	103,100
0	3,469	0	Tuition Reimbursement	51761	0	0	0
450	600	800	Other Employee Allowances	51900	800	800	800
0	0	0	Auto Allowance	51910	0	0	0
1,715	1,680	1,600	Mobile Computing Allowance	51915	1,600	1,600	1,600
264,789	344,852	493,700	PERSONNEL EXPENSE SUBTOTAL		357,600	357,600	357,600
654	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	888	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
1,251,635	1,259,032	1,400,000	Contracted Services	52205	1,400,000	1,400,000	1,400,000
0	0	0	Engineering Services	52210	0	0	0
69,227	42,031	75,000	Landscape Services	52215	75,000	75,000	75,000
0	0	0	Legal Services	52230	0	0	0
60,528	14,149	60,000	Professional Services	52240	60,000	60,000	60,000
0	0	0	Laundry	52260	0	0	0
0	362	0	Office Supplies	52305	500	500	500
265	2,493	0	Operating Supplies	52310	3,000	3,000	3,000
0	37	0	Gas, Oil, Lubrication	52315	0	0	0
0	99	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
18,289	5,756	0	Repair & Maintenance Supplies	52330	4,000	4,000	4,000
17,169	17,091	0	Construction & Building Supplies	52335	10,000	10,000	10,000
5,065	4,658	6,000	Small Tools	52350	6,000	6,000	6,000
71	384	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
2,813	120	2,000	Dues & Memberships	52405	1,500	1,500	1,500
0	0	500	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
838	0	0	Printing	52435	0	0	0
0	0	200	Telephone Services	52445	0	0	0
266,557	228,495	300,000	Fueling Contract	52475	300,000	300,000	300,000
5,394	375	3,000	Training & Education	52480	3,000	3,000	3,000
2,350	0	2,000	Travel Expense	52485	2,000	2,000	2,000
5,499	7,747	4,500	Fleet Charges	52486	4,500	4,500	4,500
3,113	2,496	2,000	Private Mileage	52487	2,000	2,000	2,000
81	493	500	Other Materials & Services	52495	500	500	500
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	2,394	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
8,327	6,950	2,000	Equipment Rental	52605	2,000	2,000	2,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
1,717,876	1,596,049	1,857,700	MATERIALS & SERVICES SUBTOTAL		1,874,000	1,874,000	1,874,000
1,982,665	1,940,901	2,351,400	TOTAL EXPENDITURE		2,231,600	2,231,600	2,231,600

WRRD POSITION AND SALARY EXPENSE ▼ Durham Operations | 8311

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	1.00	1.00	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Operations Supervisor	8	No
1.00	1.00	1.00	1.00	Sr Operations Analyst	9	No
1.00	1.00	1.00	1.00	Senior Operator	6	Yes
13.00	13.00	13.00	13.00	Wastewater Plant Operator 2	5	Yes
16.00	17.00	17.00	17.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	1.00	1.00	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Operations Supervisor	8	No
1.00	1.00	1.00	1.00	Sr Operations Analyst	9	No
1.00	1.00	1.00	1.00	Senior Operator	6	Yes
13.00	13.00	13.00	13.00	Wastewater Plant Operator 2	5	Yes
16.00	17.00	17.00	17.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Operations Analyst 2	8	No
0.00	0.00	0.00	0.00	Operations Supervisor	8	No
0.00	0.00	0.00	0.00	Sr Operations Analyst	9	No
0.00	0.00	0.00	0.00	Senior Operator	6	Yes
0.00	0.00	0.00	0.00	Wastewater Plant Operator 2	5	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Durham Operations | 8311

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,341,820	1,442,294	1,505,200	Wages & Other Pay	51100	1,541,200	1,541,200	1,541,200
40,303	70,143	50,000	Temporary	51130	75,000	75,000	75,000
68,600	48,464	50,000	Overtime	51140	50,000	50,000	50,000
580,703	605,594	642,600	Other Personnel Expenses	51600	682,500	682,500	682,500
0	0	0	Tuition Reimbursement	51761	0	0	0
3,600	3,150	3,200	Other Employee Allowances	51900	3,200	3,200	3,200
0	0	0	Auto Allowance	51910	0	0	0
2,520	2,520	2,400	Mobile Computing Allowance	51915	3,200	3,200	3,200
2,037,546	2,172,166	2,253,400	PERSONNEL EXPENSE SUBTOTAL		2,355,100	2,355,100	2,355,100
686,729	773,377	754,500	Electricity	52110	754,500	754,500	754,500
55,639	37,360	55,000	Water	52120	40,000	40,000	40,000
57,776	38,902	46,000	Natural Gas	52130	46,000	46,000	46,000
108,023	148,284	132,000	Garbage	52140	110,000	110,000	110,000
15,279	18,010	14,000	Surface Water Management Charge	52150	18,000	18,000	18,000
1,295	1,335	3,000	Other Utility Services	52160	1,500	1,500	1,500
15,730	14,063	0	Sewer Charges	52170	15,000	15,000	15,000
48,061	98,186	70,000	Contracted Services	52205	70,000	70,000	70,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	5,015	5,000	Professional Services	52240	5,000	5,000	5,000
2,157	1,209	0	Laundry	52260	0	0	0
2,415	109	0	Office Supplies	52305	500	500	500
51,332	69,704	60,000	Operating Supplies	52310	60,000	60,000	60,000
166	164	0	Gas, Oil, Lubrication	52315	300	300	300
0	0	0	Janitorial Supplies	52320	0	0	0
945	0	0	Tech & Scientific Supplies	52325	0	0	0
11,491	0	5,000	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
1,767	63	2,500	Small Tools	52350	2,500	2,500	2,500
356	0	0	Safety Equipment	52360	0	0	0
157	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
33,394	7,770	0	Inventory Adjustments	52395	0	0	0
1,110	1,420	1,600	Dues & Memberships	52405	1,600	1,600	1,600
108	0	1,500	Books, Subscriptions & Publications	52410	1,000	1,000	1,000
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
533	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	100	Fueling Contract	52475	100	100	100
3,164	4,412	3,600	Training & Education	52480	3,600	3,600	3,600
5,790	0	3,000	Travel Expense	52485	1,000	1,000	1,000
0	206	200	Fleet Charges	52486	200	200	200
856	0	2,000	Private Mileage	52487	1,000	1,000	1,000
3,061	1,778	500	Other Materials & Services	52495	500	500	500
439	235	5,000	Permits, Licenses & Fees	52500	1,000	1,000	1,000
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
280	3,333	0	Bank Service Charge	52515	2,000	2,000	2,000
1,500	3,000	1,800	Equipment Rental	52605	1,800	1,800	1,800
0	0	0	Repair & Maintenance Services	52610	0	0	0
468,070	366,487	561,000	Polymers - Dewatering	52810	460,000	460,000	460,000
(130)	0	0	Polymers - Tertiary	52815	0	0	0
85,137	103,154	108,000	Ferric Chloride	52820	122,000	122,000	122,000
156,192	141,707	195,000	Alum	52825	165,000	165,000	165,000
123,170	111,259	123,000	Sodium Hydroxide	52835	123,000	123,000	123,000
269,930	260,221	435,000	Sodium Hypochlorite	52840	345,000	345,000	345,000
235,321	218,798	270,000	Lime	52845	260,000	260,000	260,000
92,158	71,410	90,000	Sodium Bisulfite	52850	86,000	86,000	86,000
0	0	0	Liquid Ammonium Sulfate	52855	30,000	30,000	30,000
33,107	25,356	35,000	Sulfuric Acid	52860	35,000	35,000	35,000
0	58,317	125,000	Magnesium Chloride	52865	115,000	115,000	115,000
16,917	25,310	31,000	Other Chemicals	52890	10,000	10,000	10,000
2,589,423	2,609,956	3,139,300	MATERIALS & SERVICES SUBTOTAL		2,888,100	2,888,100	2,888,100
4,626,969	4,782,121	5,392,700	TOTAL EXPENDITURE		5,243,200	5,243,200	5,243,200

WRRD POSITION AND SALARY EXPENSE ▼ Durham E&I Maintenance | 8351

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
3.00	3.00	3.00	3.00	Electrician 2	7	Yes
3.00	3.00	3.00	3.00	Instrument Technician 2	7	Yes
0.00	0.00	1.00	0.00	Instrument Technician Trainee	1	Yes
1.00	1.00	1.00	1.00	Electrical & Instrumentation Supervisor	8	No
0.50	1.00	0.00	0.00	Field Engineer - Electrical	8	No
0.50	0.00	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.50	0.00	0.00	Principal Engineer	10	No
0.50	0.00	0.00	0.00	Senior Engineer - Electrical	9	No
0.00	0.00	0.00	1.00	Instrumentation Technician Apprenticeship	A	Yes
8.50	8.50	8.00	8.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
3.00	3.00	3.00	3.00	Electrician 2	7	Yes
3.00	3.00	3.00	3.00	Instrument Technician 2	7	Yes
0.00	0.00	1.00	0.00	Instrument Technician Trainee	1	Yes
1.00	1.00	1.00	1.00	Electrical & Instrumentation Supervisor	8	No
0.50	0.50	0.00	0.00	Field Engineer - Electrical	8	No
0.00	0.00	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.00	0.00	0.00	Principal Engineer	10	No
0.00	0.00	0.00	0.00	Senior Engineer - Electrical	9	No
0.00	0.00	0.00	1.00	Instrumentation Technician Apprenticeship	A	Yes
7.50	7.50	8.00	8.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Electrician 2	7	Yes
0.00	0.00	0.00	0.00	Instrument Technician 2	7	Yes
0.00	0.00	0.00	0.00	Instrument Technician Trainee	1	Yes
0.00	0.00	0.00	0.00	Electrical & Instrumentation Supervisor	8	No
0.00	0.50	0.00	0.00	Field Engineer - Electrical	8	No
0.50	0.00	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.50	0.00	0.00	Principal Engineer	10	No
0.50	0.00	0.00	0.00	Senior Engineer - Electrical	9	No
0.00	0.00	0.00	0.00	Instrumentation Technician Apprenticeship	A	Yes
1.00	1.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Durham E&I Maintenance | 8351

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
402,435	561,866	586,900	Wages & Other Pay	51100	696,800	696,800	696,800
67,696	37,125	0	Temporary	51130	0	0	0
21,975	43,040	20,000	Overtime	51140	35,000	35,000	35,000
143,576	187,476	223,500	Other Personnel Expenses	51600	258,800	258,800	258,800
0	0	0	Tuition Reimbursement	51761	0	0	0
1,350	1,575	1,600	Other Employee Allowances	51900	1,600	1,600	1,600
0	0	0	Auto Allowance	51910	0	0	0
2,393	2,585	2,000	Mobile Computing Allowance	51915	800	800	800
639,425	833,667	834,000	PERSONNEL EXPENSE SUBTOTAL		993,000	993,000	993,000
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
29,831	36,345	34,500	Contracted Services	52205	34,500	34,500	34,500
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
1,117	374	300	Office Supplies	52305	300	300	300
638	366	4,000	Operating Supplies	52310	3,000	3,000	3,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
158,220	201,940	205,000	Repair & Maintenance Supplies	52330	205,000	205,000	205,000
187	0	0	Construction & Building Supplies	52335	0	0	0
4,188	4,952	7,500	Small Tools	52350	7,500	7,500	7,500
504	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
191	250	500	Dues & Memberships	52405	500	500	500
984	0	500	Books, Subscriptions & Publications	52410	1,500	1,500	1,500
2,606	2,394	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
2,143	3,646	2,500	Fueling Contract	52475	500	500	500
495	1,500	1,000	Training & Education	52480	2,900	2,900	2,900
0	0	500	Travel Expense	52485	500	500	500
278	2,117	2,500	Fleet Charges	52486	1,200	1,200	1,200
29	22	500	Private Mileage	52487	500	500	500
753	429	500	Other Materials & Services	52495	500	500	500
423	282	3,500	Permits, Licenses & Fees	52500	500	500	500
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	1,303	2,500	Equipment Rental	52605	2,500	2,500	2,500
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
202,586	255,919	265,800	MATERIALS & SERVICES SUBTOTAL		261,400	261,400	261,400
842,011	1,089,587	1,099,800	TOTAL EXPENDITURE		1,254,400	1,254,400	1,254,400

WRRD POSITION AND SALARY EXPENSE ▼ Durham Mechanical Maintenance | 8361

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Engineering Project Coordinator	7	No
1.00	1.00	1.00	1.00	Mechanical Maint Supervisor	7	No
8.00	7.00	8.00	8.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	1.00	1.00	Plant Maintenance Technician Trainee	1	Yes
0.50	0.00	0.00	0.00	Sr Engineer - Mechanical	9	No
1.00	1.00	1.00	1.00	Sr Plant Maintenance Technician	6	Yes
11.50	10.00	11.00	11.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Engineering Project Coordinator	7	No
1.00	1.00	1.00	1.00	Mechanical Maint Supervisor	7	No
8.00	7.00	8.00	8.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	1.00	1.00	Plant Maintenance Technician Trainee	1	Yes
0.25	0.00	0.00	0.00	Sr Engineer - Mechanical	9	No
1.00	1.00	1.00	1.00	Sr Plant Maintenance Technician	6	Yes
10.25	10.00	11.00	11.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Engineering Project Coordinator	7	No
0.00	0.00	0.00	0.00	Mechanical Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	0.00	0.00	Plant Maintenance Technician Trainee	1	Yes
0.25	0.00	0.00	0.00	Sr Engineer - Mechanical	9	No
0.00	0.00	0.00	0.00	Sr Plant Maintenance Technician	6	Yes
0.25	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Durham Mechanical Maintenance | 8361

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
847,484	783,087	934,400	Wages & Other Pay	51100	914,900	914,900	914,900
20,641	74,147	0	Temporary	51130	0	0	0
38,344	47,953	10,000	Overtime	51140	10,000	10,000	10,000
344,605	300,045	407,600	Other Personnel Expenses	51600	389,500	389,500	389,500
0	0	0	Tuition Reimbursement	51761	0	0	0
2,250	2,175	2,000	Other Employee Allowances	51900	2,000	2,000	2,000
0	0	0	Auto Allowance	51910	0	0	0
2,940	2,363	1,600	Mobile Computing Allowance	51915	1,600	1,600	1,600
1,256,264	1,209,769	1,355,600	PERSONNEL EXPENSE SUBTOTAL		1,318,000	1,318,000	1,318,000
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
5,018	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
63,843	115,242	90,000	Contracted Services	52205	90,000	90,000	90,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Office Supplies	52305	0	0	0
297	962	0	Operating Supplies	52310	1,000	1,000	1,000
43,364	30,525	54,000	Gas, Oil, Lubrication	52315	54,000	54,000	54,000
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
337,579	321,773	275,000	Repair & Maintenance Supplies	52330	300,000	300,000	300,000
0	0	0	Construction & Building Supplies	52335	0	0	0
10,483	13,872	15,000	Small Tools	52350	15,000	15,000	15,000
516	0	0	Safety Equipment	52360	0	0	0
1,912	2,957	2,000	Postage & Freight	52375	2,000	2,000	2,000
0	0	0	Software Expensed	52380	0	0	0
0	0	1,000	Computer Equipment Expensed	52385	1,000	1,000	1,000
0	0	0	Inventory Adjustments	52395	0	0	0
0	0	0	Dues & Memberships	52405	0	0	0
79	266	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
350	503	1,000	Fueling Contract	52475	1,000	1,000	1,000
7,084	2,975	10,000	Training & Education	52480	5,000	5,000	5,000
0	0	1,200	Travel Expense	52485	1,200	1,200	1,200
98	672	800	Fleet Charges	52486	800	800	800
433	440	1,000	Private Mileage	52487	1,000	1,000	1,000
0	107	0	Other Materials & Services	52495	0	0	0
0	1,469	1,500	Permits, Licenses & Fees	52500	1,500	1,500	1,500
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
4,750	11,748	5,500	Equipment Rental	52605	5,500	5,500	5,500
1,990	5,125	0	Repair & Maintenance Services	52610	1,000	1,000	1,000
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
477,796	508,636	458,000	MATERIALS & SERVICES SUBTOTAL		480,000	480,000	480,000
1,734,060	1,718,405	1,813,600	TOTAL EXPENDITURE		1,798,000	1,798,000	1,798,000

WRRD POSITION AND SALARY EXPENSE ▼ Forest Grove Operations & Maintenance | 8315

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.50	1.50	1.00	1.00	Electrical & Instrumentation Tech	7	Yes
0.50	0.50	0.50	0.50	Operations Analyst 2	8	No
1.00	2.00	2.00	2.00	Plant Maintenance Technician 2	5	Yes
0.50	0.00	0.00	0.00	Plant Superintendent 1	8	No
0.50	0.50	0.50	0.50	Senior Operator	6	Yes
3.00	3.50	2.50	2.50	Wastewater Plant Operator 2	5	Yes
0.00	0.00	0.00	1.00	Planner/Scheduler	9	No
6.00	8.00	6.50	7.50	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.50	1.50	1.00	1.00	Electrical & Instrumentation Tech	7	Yes
0.50	0.50	0.50	0.50	Operations Analyst 2	8	No
1.00	2.00	2.00	2.00	Plant Maintenance Technician 2	5	Yes
0.50	0.00	0.00	0.00	Plant Superintendent 1	8	No
0.50	0.50	0.50	0.50	Senior Operator	6	Yes
3.00	3.50	2.50	2.50	Wastewater Plant Operator 2	5	Yes
0.00	0.00	0.00	1.00	Planner/Scheduler	9	No
6.00	8.00	6.50	7.50	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Electrical & Instrumentation Tech	7	Yes
0.00	0.00	0.00	0.00	Operations Analyst 2	8	No
0.00	0.00	0.00	0.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	0.00	0.00	Plant Superintendent 1	8	No
0.00	0.00	0.00	0.00	Senior Operator	6	Yes
0.00	0.00	0.00	0.00	Wastewater Plant Operator 2	5	Yes
0.00	0.00	0.00	0.00	Planner/Scheduler	9	No
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Forest Grove Operations & Maintenance | 8315

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
510,643	631,498	582,200	Wages & Other Pay	51100	724,400	724,400	724,400
18,258	32,439	52,000	Temporary	51130	25,000	25,000	25,000
13,572	11,641	17,000	Overtime	51140	17,000	17,000	17,000
208,196	261,864	260,400	Other Personnel Expenses	51600	328,100	328,100	328,100
230	835	0	Tuition Reimbursement	51761	0	0	0
1,050	1,411	1,000	Other Employee Allowances	51900	1,000	1,000	1,000
0	0	0	Auto Allowance	51910	0	0	0
1,260	880	1,600	Mobile Computing Allowance	51915	1,800	1,800	1,800
753,210	940,568	914,200	PERSONNEL EXPENSE SUBTOTAL		1,097,300	1,097,300	1,097,300
362,337	268,785	323,500	Electricity	52110	334,800	334,800	334,800
71,763	45,633	80,000	Water	52120	50,000	50,000	50,000
8,546	5,179	8,000	Natural Gas	52130	8,000	8,000	8,000
12,928	17,811	15,000	Garbage	52140	17,000	17,000	17,000
1,961	1,461	2,200	Surface Water Management Charge	52150	2,200	2,200	2,200
414	378	0	Other Utility Services	52160	400	400	400
3,788	4,995	0	Sewer Charges	52170	5,000	5,000	5,000
35,732	46,340	40,000	Contracted Services	52205	40,000	40,000	40,000
0	0	0	Engineering Services	52210	0	0	0
800	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
25	0	500	Office Supplies	52305	500	500	500
44,297	39,610	20,100	Operating Supplies	52310	30,100	30,100	30,100
0	4,237	1,000	Gas, Oil, Lubrication	52315	3,500	3,500	3,500
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
112,094	89,376	100,000	Repair & Maintenance Supplies	52330	120,000	120,000	120,000
0	85	0	Construction & Building Supplies	52335	0	0	0
1,595	2,046	1,500	Small Tools	52350	1,500	1,500	1,500
865	223	0	Safety Equipment	52360	0	0	0
0	476	0	Postage & Freight	52375	500	500	500
0	0	0	Software Expensed	52380	0	0	0
425	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
660	660	1,000	Dues & Memberships	52405	1,000	1,000	1,000
0	344	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
63	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
418	161	400	Fueling Contract	52475	600	600	600
3,147	784	2,000	Training & Education	52480	2,500	2,500	2,500
2,538	0	1,500	Travel Expense	52485	1,500	1,500	1,500
1,072	2,976	1,200	Fleet Charges	52486	1,200	1,200	1,200
1,975	0	4,000	Private Mileage	52487	3,500	3,500	3,500
848	3,690	1,500	Other Materials & Services	52495	1,500	1,500	1,500
134	45	1,500	Permits, Licenses & Fees	52500	1,000	1,000	1,000
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
5,810	1,087	5,000	Equipment Rental	52605	5,000	5,000	5,000
158	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
9,626	12,293	30,000	Sodium Hydroxide	52835	20,000	20,000	20,000
6,722	(228)	20,000	Sodium Hypochlorite	52840	10,000	10,000	10,000
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	10,000	Other Chemicals	52890	10,000	10,000	10,000
690,741	548,446	669,900	MATERIALS & SERVICES SUBTOTAL		671,300	671,300	671,300
1,443,950	1,489,013	1,584,100	TOTAL EXPENDITURE		1,768,600	1,768,600	1,768,600

WRRD POSITION AND SALARY EXPENSE ▼ Hillsboro Operations & Maintenance | 8314

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.50	0.50	1.00	1.00	Electrical & Instrumentation Tech	7	Yes
0.50	0.50	0.50	0.50	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Plant Maintenance Technician 2	5	Yes
0.50	0.00	0.00	0.00	Plant Superintendent 1	8	No
0.50	0.50	0.50	0.50	Senior Operator	6	Yes
2.00	1.50	2.50	2.50	Wastewater Plant Operator 2	5	Yes
4.50	4.00	5.50	5.50	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.50	0.50	1.00	1.00	Electrical & Instrumentation Tech	7	Yes
0.50	0.50	0.50	0.50	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Plant Maintenance Technician 2	5	Yes
0.50	0.00	0.00	0.00	Plant Superintendent 1	8	No
0.50	0.50	0.50	0.50	Senior Operator	6	Yes
2.00	1.50	2.50	2.50	Wastewater Plant Operator 2	5	Yes
4.50	4.00	5.50	5.50	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Electrical & Instrumentation Tech	7	Yes
0.00	0.00	0.00	0.00	Operations Analyst 2	8	No
0.00	0.00	0.00	0.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	0.00	0.00	Plant Superintendent 1	8	No
0.00	0.00	0.00	0.00	Senior Operator	6	Yes
0.00	0.00	0.00	0.00	Wastewater Plant Operator 2	5	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Hillsboro Operations & Maintenance | 8314

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
309,357	274,061	486,000	Wages & Other Pay	51100	513,800	513,800	513,800
0	0	0	Temporary	51130	0	0	0
10,192	3,611	12,000	Overtime	51140	12,000	12,000	12,000
124,774	102,961	203,400	Other Personnel Expenses	51600	210,000	210,000	210,000
0	0	0	Tuition Reimbursement	51761	0	0	0
1,275	450	1,100	Other Employee Allowances	51900	1,100	1,100	1,100
0	0	0	Auto Allowance	51910	0	0	0
1,260	880	800	Mobile Computing Allowance	51915	1,000	1,000	1,000
446,858	381,963	703,300	PERSONNEL EXPENSE SUBTOTAL		737,900	737,900	737,900
164,024	175,748	204,500	Electricity	52110	204,500	204,500	204,500
34,506	60,638	31,000	Water	52120	40,000	40,000	40,000
3,686	3,871	5,000	Natural Gas	52130	5,000	5,000	5,000
12,632	26,395	18,000	Garbage	52140	23,000	23,000	23,000
5,297	5,554	2,700	Surface Water Management Charge	52150	2,700	2,700	2,700
257	235	0	Other Utility Services	52160	200	200	200
0	0	0	Sewer Charges	52170	0	0	0
17,363	20,613	20,000	Contracted Services	52205	20,000	20,000	20,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Office Supplies	52305	0	0	0
5,478	15,492	5,000	Operating Supplies	52310	5,500	5,500	5,500
880	0	1,000	Gas, Oil, Lubrication	52315	1,500	1,500	1,500
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
58,172	84,773	70,000	Repair & Maintenance Supplies	52330	70,000	70,000	70,000
0	0	0	Construction & Building Supplies	52335	0	0	0
524	1,411	1,500	Small Tools	52350	1,500	1,500	1,500
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
98	0	200	Dues & Memberships	52405	200	200	200
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
76	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
943	1,581	1,500	Fueling Contract	52475	1,500	1,500	1,500
(388)	0	1,000	Training & Education	52480	1,000	1,000	1,000
0	0	300	Travel Expense	52485	300	300	300
773	496	1,500	Fleet Charges	52486	1,500	1,500	1,500
0	0	1,000	Private Mileage	52487	1,000	1,000	1,000
1,000	23	0	Other Materials & Services	52495	0	0	0
0	0	1,000	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	5,000	Equipment Rental	52605	5,000	5,000	5,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
8,277	11,412	15,000	Sodium Hydroxide	52835	15,000	15,000	15,000
0	0	2,000	Sodium Hypochlorite	52840	2,000	2,000	2,000
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	10,000	Other Chemicals	52890	10,000	10,000	10,000
313,597	408,241	397,200	MATERIALS & SERVICES SUBTOTAL		411,400	411,400	411,400
760,455	790,204	1,100,500	TOTAL EXPENDITURE		1,149,300	1,149,300	1,149,300

WRRD POSITION AND SALARY EXPENSE ▼ Pump Stations | 8343

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Electrical & Instrumentation Technician	7	Yes
1.00	1.00	1.00	1.00	Landscape Program Supervisor	7	No
1.00	1.00	1.00	1.00	Mechanical Maint Supervisor	7	No
4.00	4.00	4.00	4.00	Plant Maintenance Technician 2	5	Yes
1.00	1.00	1.00	1.00	Sr Plant Maintenance Technician	6	Yes
8.00	8.00	8.00	8.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Electrical & Instrumentation Technician	7	Yes
0.50	0.50	0.50	0.50	Landscape Program Supervisor	7	No
1.00	1.00	1.00	1.00	Mechanical Maint Supervisor	7	No
4.00	4.00	4.00	4.00	Plant Maintenance Technician 2	5	Yes
1.00	1.00	1.00	1.00	Sr Plant Maintenance Technician	6	Yes
7.50	7.50	7.50	7.50	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Electrical & Instrumentation Technician	7	Yes
0.50	0.50	0.50	0.50	Landscape Program Supervisor	7	No
0.00	0.00	0.00	0.00	Mechanical Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	0.00	0.00	Sr Plant Maintenance Technician	6	Yes
0.50	0.50	0.50	0.50	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Pump Stations | 8343

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
638,536	692,524	706,700	Wages & Other Pay	51100	750,700	750,700	750,700
0	0	0	Temporary	51130	0	0	0
24,733	26,930	30,000	Overtime	51140	30,000	30,000	30,000
237,629	259,856	297,200	Other Personnel Expenses	51600	308,200	308,200	308,200
0	150	0	Tuition Reimbursement	51761	0	0	0
1,650	1,500	1,600	Other Employee Allowances	51900	1,600	1,600	1,600
0	0	0	Auto Allowance	51910	0	0	0
3,290	3,360	3,200	Mobile Computing Allowance	51915	3,200	3,200	3,200
905,838	984,320	1,038,700	PERSONNEL EXPENSE SUBTOTAL		1,093,700	1,093,700	1,093,700
293,077	318,159	375,000	Electricity	52110	380,000	380,000	380,000
25,567	27,154	30,000	Water	52120	30,000	30,000	30,000
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
1,999	2,089	1,500	Surface Water Management Charge	52150	1,500	1,500	1,500
640	629	1,000	Other Utility Services	52160	1,000	1,000	1,000
0	0	0	Sewer Charges	52170	0	0	0
45,250	89,925	110,000	Contracted Services	52205	110,000	110,000	110,000
0	0	0	Engineering Services	52210	0	0	0
493,648	518,290	519,000	Landscape Services	52215	536,000	536,000	536,000
261	0	0	Legal Services	52230	0	0	0
0	6,500	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
179	0	0	Office Supplies	52305	200	200	200
633	3,040	0	Operating Supplies	52310	1,000	1,000	1,000
6,072	8,382	17,000	Gas, Oil, Lubrication	52315	17,000	17,000	17,000
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
110,414	79,235	130,000	Repair & Maintenance Supplies	52330	130,000	130,000	130,000
2,900	0	0	Construction & Building Supplies	52335	0	0	0
6,301	4,813	7,000	Small Tools	52350	7,000	7,000	7,000
0	480	0	Safety Equipment	52360	0	0	0
0	196	0	Postage & Freight	52375	500	500	500
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
42	305	800	Dues & Memberships	52405	800	800	800
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
24,963	23,257	0	Software Licenses & Support	52425	25,000	25,000	25,000
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
10,778	11,205	13,000	Fueling Contract	52475	16,000	16,000	16,000
1,519	1,272	2,000	Training & Education	52480	2,000	2,000	2,000
0	0	200	Travel Expense	52485	200	200	200
35,506	34,808	25,000	Fleet Charges	52486	27,000	27,000	27,000
109	324	2,200	Private Mileage	52487	1,500	1,500	1,500
886	413	0	Other Materials & Services	52495	500	500	500
5,389	5,389	5,500	Permits, Licenses & Fees	52500	5,500	5,500	5,500
0	0	0	Public Information	52505	0	0	0
74	70	100	Taxes, Assessments & Liens	52510	100	100	100
0	0	0	Bank Service Charge	52515	0	0	0
329	23,483	15,000	Equipment Rental	52605	15,000	15,000	15,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
39,039	49,006	65,000	Other Chemicals	52890	75,000	75,000	75,000
1,105,575	1,208,425	1,319,300	MATERIALS & SERVICES SUBTOTAL		1,382,800	1,382,800	1,382,800
2,011,413	2,192,745	2,358,000	TOTAL EXPENDITURE		2,476,500	2,476,500	2,476,500

WRRD POSITION AND SALARY EXPENSE ▼ Rock Creek Operations | 8312

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Operations Supervisor	8	No
1.00	1.00	1.00	1.00	Senior Operator	6	Yes
13.00	13.00	13.00	14.00	Wastewater Plant Operator 2	5	Yes
16.00	16.00	16.00	17.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Operations Analyst 2	8	No
1.00	1.00	1.00	1.00	Operations Supervisor	8	No
1.00	1.00	1.00	1.00	Senior Operator	6	Yes
13.00	13.00	13.00	14.00	Wastewater Plant Operator 2	5	Yes
16.00	16.00	16.00	17.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Operations Analyst 2	8	No
0.00	0.00	0.00	0.00	Operations Supervisor	8	No
0.00	0.00	0.00	0.00	Senior Operator	6	Yes
0.00	0.00	0.00	0.00	Wastewater Plant Operator 2	5	Yes
0.00	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Rock Creek Operations | 8312

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
1,206,902	1,285,184	1,320,600	Wages & Other Pay	51100	1,431,000	1,431,000	1,431,000
41,526	56,566	52,000	Temporary	51130	99,000	99,000	99,000
66,042	57,617	60,000	Overtime	51140	60,000	60,000	60,000
529,192	559,245	602,300	Other Personnel Expenses	51600	659,100	659,100	659,100
262	490	0	Tuition Reimbursement	51761	7,000	7,000	7,000
3,300	3,525	3,200	Other Employee Allowances	51900	3,400	3,400	3,400
0	0	0	Auto Allowance	51910	0	0	0
1,330	1,680	1,600	Mobile Computing Allowance	51915	1,600	1,600	1,600
1,848,554	1,964,307	2,039,700	PERSONNEL EXPENSE SUBTOTAL		2,261,100	2,261,100	2,261,100
1,041,652	1,369,531	1,327,000	Electricity	52110	1,367,000	1,367,000	1,367,000
13,850	17,870	16,900	Water	52120	16,900	16,900	16,900
108,152	142,578	125,000	Natural Gas	52130	125,000	125,000	125,000
129,781	158,171	110,000	Garbage	52140	135,000	135,000	135,000
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
839	39,538	25,000	Contracted Services	52205	5,000	5,000	5,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
4,416	0	5,000	Professional Services	52240	5,000	5,000	5,000
0	0	0	Laundry	52260	0	0	0
0	0	0	Office Supplies	52305	0	0	0
52,401	69,298	58,000	Operating Supplies	52310	64,000	64,000	64,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
0	4,982	5,000	Repair & Maintenance Supplies	52330	5,000	5,000	5,000
0	0	0	Construction & Building Supplies	52335	0	0	0
1,303	1,321	1,000	Small Tools	52350	1,000	1,000	1,000
0	0	0	Safety Equipment	52360	0	0	0
4	881	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
2,249	0	0	Computer Equipment Expensed	52385	0	0	0
5,693	46,628	0	Inventory Adjustments	52395	0	0	0
1,955	1,010	1,600	Dues & Memberships	52405	1,600	1,600	1,600
237	481	1,500	Books, Subscriptions & Publications	52410	1,500	1,500	1,500
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
3,271	3,547	3,600	Training & Education	52480	3,600	3,600	3,600
497	0	3,000	Travel Expense	52485	3,000	3,000	3,000
0	0	0	Fleet Charges	52486	0	0	0
176	67	1,200	Private Mileage	52487	1,200	1,200	1,200
638	1,535	500	Other Materials & Services	52495	500	500	500
168	168	10,000	Permits, Licenses & Fees	52500	1,000	1,000	1,000
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
2,094	1,189	0	Bank Service Charge	52515	2,000	2,000	2,000
1,838	1,800	1,800	Equipment Rental	52605	1,800	1,800	1,800
257	0	0	Repair & Maintenance Services	52610	0	0	0
555,965	702,467	640,000	Polymers - Dewatering	52810	770,000	770,000	770,000
0	0	0	Polymers - Tertiary	52815	0	0	0
176,839	186,391	200,000	Ferric Chloride	52820	176,000	176,000	176,000
362,092	142,545	250,000	Alum	52825	200,000	200,000	200,000
130,936	158,848	200,000	Sodium Hydroxide	52835	210,000	210,000	210,000
323,258	297,477	361,000	Sodium Hypochlorite	52840	300,000	300,000	300,000
432,245	383,478	300,000	Lime	52845	300,000	300,000	300,000
184,923	169,633	210,000	Sodium Bisulfite	52850	180,000	180,000	180,000
0	0	0	Liquid Ammonium Sulfate	52855	65,000	65,000	65,000
41,300	42,424	45,000	Sulfuric Acid	52860	49,000	49,000	49,000
0	33,128	150,000	Magnesium Chloride	52865	150,000	150,000	150,000
0	10,243	54,500	Other Chemicals	52890	15,000	15,000	15,000
3,579,028	3,987,228	4,106,600	MATERIALS & SERVICES SUBTOTAL		4,155,100	4,155,100	4,155,100
5,427,582	5,951,535	6,146,300	TOTAL EXPENDITURE		6,416,200	6,416,200	6,416,200

WRRD POSITION AND SALARY EXPENSE ▼ Rock Creek E&I Maintenance | 8352

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
3.00	3.00	3.00	3.00	Electrician 2	7	Yes
3.00	3.00	3.00	3.00	Instrument Technician 2	7	Yes
1.00	1.00	1.00	1.00	Electrical & Instrumentation Supervisor	8	No
0.50	0.50	0.00	0.00	Field Engineer - Electrical	8	No
0.50	0.50	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.00	1.00	0.00	Instrumentation Technician Trainee	1	Yes
0.50	0.50	0.00	0.00	Senior Engineer - Electrical	9	No
0.00	0.00	0.00	1.00	Instrument Technician Apprenticeship	A	Yes
8.50	8.50	8.00	8.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
3.00	3.00	3.00	3.00	Electrician 2	7	Yes
3.00	3.00	3.00	3.00	Instrument Technician 2	7	Yes
1.00	1.00	1.00	1.00	Electrical & Instrumentation Supervisor	8	No
0.50	0.50	0.00	0.00	Field Engineer - Electrical	8	No
0.00	0.00	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.00	1.00	0.00	Instrumentation Technician Trainee	1	Yes
0.00	0.00	0.00	0.00	Senior Engineer - Electrical	9	No
0.00	0.00	0.00	1.00	Instrument Technician Apprenticeship	A	Yes
7.50	7.50	8.00	8.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Electrician 2	7	Yes
0.00	0.00	0.00	0.00	Instrument Technician 2	7	Yes
0.00	0.00	0.00	0.00	Electrical & Instrumentation Supervisor	8	No
0.00	0.00	0.00	0.00	Field Engineer - Electrical	8	No
0.50	0.50	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.00	0.00	0.00	Instrumentation Technician Trainee	1	Yes
0.50	0.50	0.00	0.00	Senior Engineer - Electrical	9	No
0.00	0.00	0.00	0.00	Instrument Technician Apprenticeship	A	Yes
1.00	1.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Rock Creek E&I Maintenance | 8352

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
621,834	708,926	702,600	Wages & Other Pay	51100	741,200	741,200	741,200
0	0	0	Temporary	51130	0	0	0
15,708	5,755	8,000	Overtime	51140	8,000	8,000	8,000
227,943	245,302	279,800	Other Personnel Expenses	51600	287,200	287,200	287,200
0	0	0	Tuition Reimbursement	51761	0	0	0
1,650	1,425	1,600	Other Employee Allowances	51900	1,600	1,600	1,600
0	0	0	Auto Allowance	51910	0	0	0
3,308	3,960	3,600	Mobile Computing Allowance	51915	2,800	2,800	2,800
870,442	965,368	995,600	PERSONNEL EXPENSE SUBTOTAL		1,040,800	1,040,800	1,040,800
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
11,124	5,260	25,000	Contracted Services	52205	25,000	25,000	25,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Office Supplies	52305	0	0	0
1,720	2,015	4,000	Operating Supplies	52310	3,500	3,500	3,500
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
172,256	222,065	220,000	Repair & Maintenance Supplies	52330	220,000	220,000	220,000
0	0	0	Construction & Building Supplies	52335	0	0	0
3,125	3,641	4,000	Small Tools	52350	4,000	4,000	4,000
84	0	0	Safety Equipment	52360	0	0	0
0	162	0	Postage & Freight	52375	0	0	0
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
449	450	500	Dues & Memberships	52405	500	500	500
0	0	500	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
1,505	1,178	1,900	Fueling Contract	52475	1,800	1,800	1,800
1,440	1,748	1,000	Training & Education	52480	2,900	2,900	2,900
1,679	0	300	Travel Expense	52485	300	300	300
3,906	1,651	4,300	Fleet Charges	52486	4,300	4,300	4,300
518	101	500	Private Mileage	52487	500	500	500
55	70	500	Other Materials & Services	52495	500	500	500
0	0	2,000	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
(7)	0	6,000	Equipment Rental	52605	5,000	5,000	5,000
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
197,853	238,340	270,500	MATERIALS & SERVICES SUBTOTAL		268,300	268,300	268,300
1,068,295	1,203,708	1,266,100	TOTAL EXPENDITURE		1,309,100	1,309,100	1,309,100

WRRD POSITION AND SALARY EXPENSE ▼ Rock Creek Mechanical Maintenance | 8344

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Mechanical Maint Supervisor	7	No
7.00	7.00	8.00	8.00	Plant Maintenance Technician 2	5	Yes
0.00	1.00	1.00	1.00	Plant Maintenance Technician Trainee	1	Yes
0.50	0.00	0.00	0.00	Sr Engineer - Mechanical	9	No
1.00	1.00	1.00	1.00	Sr Plant Maintenance Technician	6	Yes
9.50	10.00	11.00	11.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	1.00	1.00	Mechanical Maint Supervisor	7	No
7.00	7.00	8.00	8.00	Plant Maintenance Technician 2	5	Yes
0.00	1.00	1.00	1.00	Plant Maintenance Technician Trainee	1	Yes
0.25	0.00	0.00	0.00	Sr Engineer - Mechanical	9	No
1.00	1.00	1.00	1.00	Sr Plant Maintenance Technician	6	Yes
9.25	10.00	11.00	11.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Mechanical Maint Supervisor	7	No
0.00	0.00	0.00	0.00	Plant Maintenance Technician 2	5	Yes
0.00	0.00	0.00	0.00	Plant Maintenance Technician Trainee	1	Yes
0.25	0.00	0.00	0.00	Sr Engineer - Mechanical	9	No
0.00	0.00	0.00	0.00	Sr Plant Maintenance Technician	6	Yes
0.25	0.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Rock Creek Mechanical Maintenance | 8344

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
720,122	685,002	846,100	Wages & Other Pay	51100	857,600	857,600	857,600
32,587	33,193	0	Temporary	51130	0	0	0
15,861	17,209	10,000	Overtime	51140	10,000	10,000	10,000
302,726	301,864	367,200	Other Personnel Expenses	51600	368,300	368,300	368,300
0	0	0	Tuition Reimbursement	51761	0	0	0
1,875	1,800	2,000	Other Employee Allowances	51900	2,000	2,000	2,000
0	0	0	Auto Allowance	51910	0	0	0
1,260	858	800	Mobile Computing Allowance	51915	800	800	800
1,074,431	1,039,925	1,226,100	PERSONNEL EXPENSE SUBTOTAL		1,238,700	1,238,700	1,238,700
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
54,805	132,122	100,000	Contracted Services	52205	100,000	100,000	100,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
0	0	0	Professional Services	52240	0	0	0
0	0	0	Laundry	52260	0	0	0
0	0	0	Office Supplies	52305	0	0	0
32	1,195	0	Operating Supplies	52310	200	200	200
23,322	23,781	36,000	Gas, Oil, Lubrication	52315	36,000	36,000	36,000
0	0	0	Janitorial Supplies	52320	0	0	0
0	0	0	Tech & Scientific Supplies	52325	0	0	0
340,060	358,674	350,000	Repair & Maintenance Supplies	52330	350,000	350,000	350,000
0	0	0	Construction & Building Supplies	52335	0	0	0
11,696	9,140	20,000	Small Tools	52350	22,400	22,400	22,400
178	0	0	Safety Equipment	52360	0	0	0
1,498	2,693	2,000	Postage & Freight	52375	2,000	2,000	2,000
0	0	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
285	1,280	0	Dues & Memberships	52405	0	0	0
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	11	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
978	772	1,400	Fueling Contract	52475	1,400	1,400	1,400
5,910	1,208	3,000	Training & Education	52480	4,500	4,500	4,500
0	0	500	Travel Expense	52485	500	500	500
36	1,728	500	Fleet Charges	52486	500	500	500
1,299	33	1,000	Private Mileage	52487	1,000	1,000	1,000
321	438	0	Other Materials & Services	52495	500	500	500
93	45	800	Permits, Licenses & Fees	52500	800	800	800
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
1,582	7,447	10,000	Equipment Rental	52605	10,000	10,000	10,000
2,900	0	0	Repair & Maintenance Services	52610	3,000	3,000	3,000
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
444,995	540,565	525,200	MATERIALS & SERVICES SUBTOTAL		532,800	532,800	532,800
1,519,426	1,580,491	1,751,300	TOTAL EXPENDITURE		1,771,500	1,771,500	1,771,500

WRRD POSITION AND SALARY EXPENSE ▼ Technology Development & Research | 8316

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	1.00	1.00	Operations Analyst 1	6	No
1.00	1.00	1.00	1.00	Operations Analyst 2	8	No
2.00	2.00	2.00	2.00	Principal Engineer	10	No
1.00	1.00	1.00	1.00	Sr Operations Analyst	9	No
0.00	1.00	1.00	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	1.00	Water Resources Analyst	8	No
4.00	6.00	6.00	6.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.75	0.75	0.75	Operations Analyst 1	6	No
0.90	0.90	0.90	0.90	Operations Analyst 2	8	No
0.70	0.70	0.70	0.70	Principal Engineer	10	No
1.00	1.00	1.00	1.00	Sr Operations Analyst	9	No
0.00	0.50	0.50	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	1.00	Water Resources Analyst	8	No
2.60	3.85	3.85	4.35	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.25	0.25	0.25	Operations Analyst 1	6	No
0.10	0.10	0.10	0.10	Operations Analyst 2	8	No
1.30	1.30	1.30	1.30	Principal Engineer	10	No
0.00	0.00	0.00	0.00	Sr Operations Analyst	9	No
0.00	0.50	0.50	0.00	Water Resources Program Manager	9	No
0.00	0.00	0.00	0.00	Water Resources Analyst	8	No
1.40	1.90	2.15	1.65	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Technology Development & Research | 8316

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
114,587	161,968	358,300	Wages & Other Pay	51100	222,100	222,100	222,100
107,291	106,852	30,000	Temporary	51130	30,000	30,000	30,000
0	0	0	Overtime	51140	0	0	0
(47,480)	(65,131)	55,100	Other Personnel Expenses	51600	9,200	9,200	9,200
0	0	0	Tuition Reimbursement	51761	0	0	0
450	150	400	Other Employee Allowances	51900	400	400	400
0	0	0	Auto Allowance	51910	0	0	0
3,325	3,360	5,100	Mobile Computing Allowance	51915	5,100	5,100	5,100
178,174	207,199	448,900	PERSONNEL EXPENSE SUBTOTAL		266,800	266,800	266,800
0	0	0	Electricity	52110	0	0	0
0	0	0	Water	52120	0	0	0
0	0	0	Natural Gas	52130	0	0	0
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	0	Contracted Services	52205	0	0	0
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
24,100	15,400	15,000	Professional Services	52240	15,000	15,000	15,000
0	0	0	Laundry	52260	0	0	0
0	32	0	Office Supplies	52305	0	0	0
20,501	18,333	20,000	Operating Supplies	52310	20,000	20,000	20,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
2,743	5,762	5,000	Tech & Scientific Supplies	52325	5,000	5,000	5,000
0	0	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
451	0	500	Small Tools	52350	500	500	500
0	0	0	Safety Equipment	52360	0	0	0
0	0	0	Postage & Freight	52375	0	0	0
20	9	0	Software Expensed	52380	0	0	0
0	0	0	Computer Equipment Expensed	52385	0	0	0
0	0	0	Inventory Adjustments	52395	0	0	0
924	1,136	1,400	Dues & Memberships	52405	1,400	1,400	1,400
0	0	0	Books, Subscriptions & Publications	52410	0	0	0
0	0	0	Software Licenses & Support	52425	0	0	0
0	0	0	Publication Notices	52430	0	0	0
0	0	0	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
0	0	0	Fueling Contract	52475	0	0	0
3,636	1,811	5,500	Training & Education	52480	5,200	5,200	5,200
9,276	0	8,000	Travel Expense	52485	8,900	8,900	8,900
0	0	0	Fleet Charges	52486	0	0	0
2,402	90	5,000	Private Mileage	52487	2,500	2,500	2,500
0	0	0	Other Materials & Services	52495	0	0	0
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
64,054	42,572	60,400	MATERIALS & SERVICES SUBTOTAL		58,500	58,500	58,500
242,228	249,771	509,300	TOTAL EXPENDITURE		325,300	325,300	325,300

WRRD POSITION AND SALARY EXPENSE ▼ TPS Engineering | 8211

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
4.00	4.00	3.00	2.00	Construction Coordinator	8	No
0.00	0.00	1.00	3.00	Engineer	8	No
1.00	1.00	1.00	1.00	Engineering Technician 3	6	Yes
1.00	1.00	1.00	1.00	Engineering Project Coordinator	7	No
5.00	5.00	5.00	6.00	Principal Engineer	10	No
2.00	2.00	2.00	1.00	Senior Engineer	9	No
13.00	13.00	13.00	14.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.20	Construction Coordinator	8	No
0.00	0.00	0.00	2.00	Engineer	8	No
0.50	0.50	0.50	0.50	Engineering Technician 3	6	Yes
0.00	0.00	0.00	0.20	Engineering Project Coordinator	7	No
0.00	0.00	0.00	1.00	Principal Engineer	10	No
0.00	0.00	0.00	0.20	Senior Engineer	9	No
0.50	0.50	0.50	4.10	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
4.00	4.00	3.00	1.80	Construction Coordinator	8	No
0.00	0.00	1.00	1.00	Engineer	8	No
0.50	0.50	0.50	0.50	Engineering Technician 3	6	Yes
1.00	1.00	1.00	0.80	Engineering Project Coordinator	7	No
5.00	5.00	5.00	5.00	Principal Engineer	10	No
2.00	2.00	2.00	0.80	Senior Engineer	9	No
12.50	12.50	12.50	9.90	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ TPS Engineering | 8211

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
53,672	225,746	562,300	Wages & Other Pay	51100	426,600	426,600	426,600
196,184	139,941	0	Temporary	51130	0	0	0
969	859	5,000	Overtime	51140	5,000	5,000	5,000
(272,599)	(203,860)	46,300	Other Personnel Expenses	51600	(50,700)	(50,700)	(50,700)
0	0	0	Tuition Reimbursement	51761	0	0	0
1,575	1,125	2,000	Other Employee Allowances	51900	2,200	2,200	2,200
0	0	0	Auto Allowance	51910	0	0	0
7,880	8,081	8,000	Mobile Computing Allowance	51915	9,600	9,600	9,600
(12,318)	171,892	623,600	PERSONNEL EXPENSE SUBTOTAL		392,700	392,700	392,700
13,553	12,765	16,000	Electricity	52110	16,000	16,000	16,000
0	0	0	Water	52120	0	0	0
1,870	1,832	3,000	Natural Gas	52130	3,000	3,000	3,000
0	0	0	Garbage	52140	0	0	0
0	0	0	Surface Water Management Charge	52150	0	0	0
0	0	0	Other Utility Services	52160	0	0	0
0	0	0	Sewer Charges	52170	0	0	0
0	0	5,000	Contracted Services	52205	5,000	5,000	5,000
0	0	0	Engineering Services	52210	0	0	0
0	0	0	Landscape Services	52215	0	0	0
0	0	0	Legal Services	52230	0	0	0
8,554	0	15,000	Professional Services	52240	15,000	15,000	15,000
0	0	0	Laundry	52260	0	0	0
17	374	6,000	Office Supplies	52305	2,500	2,500	2,500
1,377	1,384	8,000	Operating Supplies	52310	3,000	3,000	3,000
0	0	0	Gas, Oil, Lubrication	52315	0	0	0
0	0	0	Janitorial Supplies	52320	0	0	0
0	47	0	Tech & Scientific Supplies	52325	0	0	0
38	149	0	Repair & Maintenance Supplies	52330	0	0	0
0	0	0	Construction & Building Supplies	52335	0	0	0
560	0	500	Small Tools	52350	500	500	500
0	0	0	Safety Equipment	52360	0	0	0
0	31	500	Postage & Freight	52375	300	300	300
0	0	0	Software Expensed	52380	0	0	0
2,404	444	2,000	Computer Equipment Expensed	52385	2,000	2,000	2,000
0	0	0	Inventory Adjustments	52395	0	0	0
2,344	1,549	3,000	Dues & Memberships	52405	3,000	3,000	3,000
357	177	2,300	Books, Subscriptions & Publications	52410	1,600	1,600	1,600
1,200	0	2,200	Software Licenses & Support	52425	2,200	2,200	2,200
0	0	500	Publication Notices	52430	0	0	0
0	0	500	Printing	52435	0	0	0
0	0	0	Telephone Services	52445	0	0	0
699	582	1,100	Fueling Contract	52475	800	800	800
6,550	1,254	3,900	Training & Education	52480	6,300	6,300	6,300
4,696	0	6,000	Travel Expense	52485	8,500	8,500	8,500
698	1,046	1,100	Fleet Charges	52486	1,100	1,100	1,100
9,028	4,893	10,000	Private Mileage	52487	5,000	5,000	5,000
1,554	239	6,000	Other Materials & Services	52495	5,000	5,000	5,000
0	0	0	Permits, Licenses & Fees	52500	0	0	0
0	0	0	Public Information	52505	0	0	0
0	0	0	Taxes, Assessments & Liens	52510	0	0	0
0	0	0	Bank Service Charge	52515	0	0	0
0	0	0	Equipment Rental	52605	0	0	0
0	0	0	Repair & Maintenance Services	52610	0	0	0
0	0	0	Polymers - Dewatering	52810	0	0	0
0	0	0	Polymers - Tertiary	52815	0	0	0
0	0	0	Ferric Chloride	52820	0	0	0
0	0	0	Alum	52825	0	0	0
0	0	0	Sodium Hydroxide	52835	0	0	0
0	0	0	Sodium Hypochlorite	52840	0	0	0
0	0	0	Lime	52845	0	0	0
0	0	0	Sodium Bisulfite	52850	0	0	0
0	0	0	Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	Sulfuric Acid	52860	0	0	0
0	0	0	Magnesium Chloride	52865	0	0	0
0	0	0	Other Chemicals	52890	0	0	0
55,501	26,767	92,600	MATERIALS & SERVICES SUBTOTAL		80,800	80,800	80,800
43,183	198,659	716,200	TOTAL EXPENDITURE		473,500	473,500	473,500

WRRD POSITION AND SALARY EXPENSE ▼ Asset Management | 8362

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Asset Manager	8	No
1.00	1.00	0.00	0.00	Asset Management Systems Analyst	8	No
0.00	0.00	0.00	0.00	Building & Facilities Supervisor	8	No
1.00	1.00	0.00	0.00	Engineer	8	No
1.00	1.00	0.00	0.00	Engineering Tech 3	6	Yes
0.00	0.00	0.00	0.00	Landscape Program Supervisor	7	No
2.00	2.00	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
1.00	1.00	0.00	0.00	Sr Operations Analyst	9	No
2.00	2.00	0.00	0.00	Storekeeper 2	5	Yes
1.00	1.00	0.00	0.00	Wastewater Treatment Support Supervisor	7	No
9.00	9.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Asset Manager	8	No
0.50	0.50	0.00	0.00	Asset Management Systems Analyst	8	No
0.00	0.00	0.00	0.00	Building & Facilities Supervisor	8	No
1.00	1.00	0.00	0.00	Engineer	8	No
1.00	1.00	0.00	0.00	Engineering Tech 3	6	Yes
0.00	0.00	0.00	0.00	Landscape Program Supervisor	7	No
0.50	0.50	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
0.00	0.00	0.00	0.00	Sr Operations Analyst	9	No
2.00	2.00	0.00	0.00	Storekeeper 2	5	Yes
1.00	1.00	0.00	0.00	Wastewater Treatment Support Supervisor	7	No
6.00	6.00	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Asset Manager	8	No
0.50	0.50	0.00	0.00	Asset Management Systems Analyst	8	No
0.00	0.00	0.00	0.00	Building & Facilities Supervisor	8	No
0.00	0.00	0.00	0.00	Engineer	8	No
0.00	0.00	0.00	0.00	Engineering Tech 3	6	Yes
0.00	0.00	0.00	0.00	Landscape Program Supervisor	7	No
1.50	1.50	0.00	0.00	Operations Analyst 1	6	No
0.00	0.00	0.00	0.00	Program Support Specialist	5	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
1.00	1.00	0.00	0.00	Sr Operations Analyst	9	No
0.00	0.00	0.00	0.00	Storekeeper 2	5	Yes
0.00	0.00	0.00	0.00	Wastewater Treatment Support Supervisor	7	No
3.00	3.00	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Asset Management | 8362

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
601,844	516,499	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
146	155	0	0 Overtime	51140	0	0	0
204,413	197,744	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
1,350	600	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
5,095	3,395	0	0 Mobile Computing Allowance	51915	0	0	0
812,848	718,393	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
261,176	286,710	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
610	1,392	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
2,971	0	0	0 Professional Services	52240	0	0	0
42,395	44,804	0	0 Laundry	52260	0	0	0
81	0	0	0 Office Supplies	52305	0	0	0
238,697	255,740	0	0 Operating Supplies	52310	0	0	0
1,393	1,541	0	0 Gas, Oil, Lubrication	52315	0	0	0
12,668	13,799	0	0 Janitorial Supplies	52320	0	0	0
154	179	0	0 Tech & Scientific Supplies	52325	0	0	0
33,557	3,606	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
75	0	0	0 Small Tools	52350	0	0	0
0	760	0	0 Safety Equipment	52360	0	0	0
0	35	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Software Expensed	52380	0	0	0
2,344	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Inventory Adjustments	52395	0	0	0
419	540	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	765	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
2,127	1,537	0	0 Fueling Contract	52475	0	0	0
320	0	0	0 Training & Education	52480	0	0	0
1,694	0	0	0 Travel Expense	52485	0	0	0
2,128	3,434	0	0 Fleet Charges	52486	0	0	0
2,026	136	0	0 Private Mileage	52487	0	0	0
458	1,496	0	0 Other Materials & Services	52495	0	0	0
240	1,228	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Polymers - Dewatering	52810	0	0	0
0	0	0	0 Polymers - Tertiary	52815	0	0	0
0	0	0	0 Ferric Chloride	52820	0	0	0
0	0	0	0 Alum	52825	0	0	0
0	0	0	0 Sodium Hydroxide	52835	0	0	0
0	0	0	0 Sodium Hypochlorite	52840	0	0	0
0	0	0	0 Lime	52845	0	0	0
0	0	0	0 Sodium Bisulfite	52850	0	0	0
0	0	0	0 Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	0 Sulfuric Acid	52860	0	0	0
0	0	0	0 Magnesium Chloride	52865	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
605,533	617,702	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
1,418,381	1,336,095	0	TOTAL EXPENDITURE		0	0	0

WRRD POSITION AND SALARY EXPENSE ▼ Control Systems | 8353

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
3.00	2.00	0.00	0.00	Field Engineer - Automations & Controls	8	No
1.00	1.00	0.00	0.00	Field Engineer - Commissioning & Startup	8	No
1.00	0.00	0.00	0.00	Principal Engineer - I&C/Automation	10	No
1.00	1.00	0.00	0.00	Software Engineer	9	No
0.00	1.00	0.00	0.00	Senior Field Engineer - A&C	9	No
1.00	1.00	0.00	0.00	Sr Engineer - I&C	9	No
7.00	6.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
1.00	1.00	0.00	0.00	Field Engineer - Automations & Controls	8	No
0.50	0.50	0.00	0.00	Field Engineer - Commissioning & Startup	8	No
0.50	0.00	0.00	0.00	Principal Engineer - I&C/Automation	10	No
1.00	1.00	0.00	0.00	Software Engineer	9	No
0.00	0.50	0.00	0.00	Senior Field Engineer - A&C	9	No
0.50	0.50	0.00	0.00	Sr Engineer - I&C	9	No
3.50	3.50	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
2.00	1.00	0.00	0.00	Field Engineer - Automations & Controls	8	No
0.50	0.50	0.00	0.00	Field Engineer - Commissioning & Startup	8	No
0.50	0.00	0.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	0.00	0.00	0.00	Software Engineer	9	No
0.00	0.50	0.00	0.00	Senior Field Engineer - A&C	9	No
0.50	0.50	0.00	0.00	Sr Engineer - I&C	9	No
3.50	2.50	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Control Systems | 8353

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
594,500	662,899	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	188	0	0 Overtime	51140	0	0	0
172,835	196,323	0	0 Other Personnel Expenses	51600	0	0	0
447	102	0	0 Tuition Reimbursement	51761	0	0	0
450	150	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
3,055	3,720	0	0 Mobile Computing Allowance	51915	0	0	0
771,287	863,382	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	0	0	0 Contracted Services	52205	0	0	0
25,346	0	0	0 Engineering Services	52210	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
10,440	1,817	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Office Supplies	52305	0	0	0
4,167	3,453	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Tech & Scientific Supplies	52325	0	0	0
0	18	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Software Expensed	52380	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Inventory Adjustments	52395	0	0	0
100	240	0	0 Dues & Memberships	52405	0	0	0
684	342	0	0 Books, Subscriptions & Publications	52410	0	0	0
40,134	49,046	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
704	0	0	0 Private Mileage	52487	0	0	0
82	0	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Polymers - Dewatering	52810	0	0	0
0	0	0	0 Polymers - Tertiary	52815	0	0	0
0	0	0	0 Ferric Chloride	52820	0	0	0
0	0	0	0 Alum	52825	0	0	0
0	0	0	0 Sodium Hydroxide	52835	0	0	0
0	0	0	0 Sodium Hypochlorite	52840	0	0	0
0	0	0	0 Lime	52845	0	0	0
0	0	0	0 Sodium Bisulfite	52850	0	0	0
0	0	0	0 Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	0 Sulfuric Acid	52860	0	0	0
0	0	0	0 Magnesium Chloride	52865	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
81,657	54,917	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
852,944	918,299	0	TOTAL EXPENDITURE		0	0	0

WRRD POSITION AND SALARY EXPENSE ▼ Technical Support | 8363

Total						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	0.00	0.00	Engineering Technician 3	6	Yes
0.00	1.00	0.00	0.00	Field Engineer - Inspection	8	No
0.00	1.00	0.00	0.00	Operations Analyst 1	6	No
0.00	1.00	0.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	1.00	0.00	0.00	Senior Engineer	9	No
0.00	5.00	0.00	0.00	TOTAL PERSONNEL		
Operating						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	1.00	0.00	0.00	Engineering Technician 3	6	Yes
0.00	0.50	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.50	0.00	0.00	Operations Analyst 1	6	No
0.00	0.50	0.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	1.00	0.00	0.00	Senior Engineer	9	No
0.00	3.50	0.00	0.00	TOTAL PERSONNEL		
Capital						
FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED	FY 2023 BUDGET	CLASSIFICATION TITLE	SALARY GRADE	REPRESENTED
0.00	0.00	0.00	0.00	Engineering Technician 3	6	Yes
0.00	0.50	0.00	0.00	Field Engineer - Inspection	8	No
0.00	0.50	0.00	0.00	Operations Analyst 1	6	No
0.00	0.50	0.00	0.00	Principal Engineer - I&C/Automation	10	No
0.00	0.00	0.00	0.00	Senior Engineer	9	No
0.00	1.50	0.00	0.00	TOTAL PERSONNEL		

WRRD EXPENDITURE SUMMARY ▼ Technical Support | 8363

FY 2020 ACTUAL	FY 2021 ACTUAL	FY 2022 REVISED BUDGET	OBJECT CODE DESCRIPTION	OBJECT CODE	FY 2023 PROPOSED	FY 2023 APPROVED	FY 2023 ADOPTED
0	200,346	0	0 Wages & Other Pay	51100	0	0	0
0	0	0	0 Temporary	51130	0	0	0
0	0	0	0 Overtime	51140	0	0	0
0	35,884	0	0 Other Personnel Expenses	51600	0	0	0
0	0	0	0 Tuition Reimbursement	51761	0	0	0
0	0	0	0 Other Employee Allowances	51900	0	0	0
0	0	0	0 Auto Allowance	51910	0	0	0
0	1,610	0	0 Mobile Computing Allowance	51915	0	0	0
0	237,840	0	PERSONNEL EXPENSE SUBTOTAL		0	0	0
0	0	0	0 Electricity	52110	0	0	0
0	0	0	0 Water	52120	0	0	0
0	0	0	0 Natural Gas	52130	0	0	0
0	0	0	0 Garbage	52140	0	0	0
0	0	0	0 Surface Water Management Charge	52150	0	0	0
0	0	0	0 Other Utility Services	52160	0	0	0
0	0	0	0 Sewer Charges	52170	0	0	0
0	0	0	0 Contracted Services	52205	0	0	0
0	0	0	0 Engineering Services	52210	0	0	0
0	0	0	0 Landscape Services	52215	0	0	0
0	0	0	0 Legal Services	52230	0	0	0
0	0	0	0 Professional Services	52240	0	0	0
0	0	0	0 Laundry	52260	0	0	0
0	0	0	0 Office Supplies	52305	0	0	0
0	0	0	0 Operating Supplies	52310	0	0	0
0	0	0	0 Gas, Oil, Lubrication	52315	0	0	0
0	0	0	0 Janitorial Supplies	52320	0	0	0
0	0	0	0 Tech & Scientific Supplies	52325	0	0	0
0	0	0	0 Repair & Maintenance Supplies	52330	0	0	0
0	0	0	0 Construction & Building Supplies	52335	0	0	0
0	0	0	0 Small Tools	52350	0	0	0
0	0	0	0 Safety Equipment	52360	0	0	0
0	0	0	0 Postage & Freight	52375	0	0	0
0	0	0	0 Software Expensed	52380	0	0	0
0	0	0	0 Computer Equipment Expensed	52385	0	0	0
0	0	0	0 Inventory Adjustments	52395	0	0	0
0	190	0	0 Dues & Memberships	52405	0	0	0
0	0	0	0 Books, Subscriptions & Publications	52410	0	0	0
0	0	0	0 Software Licenses & Support	52425	0	0	0
0	0	0	0 Publication Notices	52430	0	0	0
0	0	0	0 Printing	52435	0	0	0
0	0	0	0 Telephone Services	52445	0	0	0
0	0	0	0 Fueling Contract	52475	0	0	0
0	0	0	0 Training & Education	52480	0	0	0
0	0	0	0 Travel Expense	52485	0	0	0
0	0	0	0 Fleet Charges	52486	0	0	0
0	1,743	0	0 Private Mileage	52487	0	0	0
0	0	0	0 Other Materials & Services	52495	0	0	0
0	0	0	0 Permits, Licenses & Fees	52500	0	0	0
0	0	0	0 Public Information	52505	0	0	0
0	0	0	0 Taxes, Assessments & Liens	52510	0	0	0
0	0	0	0 Bank Service Charge	52515	0	0	0
0	0	0	0 Equipment Rental	52605	0	0	0
0	0	0	0 Repair & Maintenance Services	52610	0	0	0
0	0	0	0 Polymers - Dewatering	52810	0	0	0
0	0	0	0 Polymers - Tertiary	52815	0	0	0
0	0	0	0 Ferric Chloride	52820	0	0	0
0	0	0	0 Alum	52825	0	0	0
0	0	0	0 Sodium Hydroxide	52835	0	0	0
0	0	0	0 Sodium Hypochlorite	52840	0	0	0
0	0	0	0 Lime	52845	0	0	0
0	0	0	0 Sodium Bisulfite	52850	0	0	0
0	0	0	0 Liquid Ammonium Sulfate	52855	0	0	0
0	0	0	0 Sulfuric Acid	52860	0	0	0
0	0	0	0 Magnesium Chloride	52865	0	0	0
0	0	0	0 Other Chemicals	52890	0	0	0
0	1,933	0	MATERIALS & SERVICES SUBTOTAL		0	0	0
0	239,773	0	TOTAL EXPENDITURE		0	0	0



Appendix



CHART OF ACCOUNTS

Personnel Services

51110 Full Time Regular Salaries
51130 Temporary
51140 Overtime
51600 Other Personnel Expense
(OPE)
51900 Other Employee
Allowances
51910 Automobile Allowance

Materials and Services

52110 Electricity
52120 Water
52130 Natural Gas
52140 Garbage
52150 Surface Water
Management
52160 Other Utility Services
52170 Sewer Utility Services
52205 Contract Services Other
52210 Engineering Services
52215 Landscape Services
52240 Professional Services
52220 Audit and Accounting
Services
52230 Legal Services
52250 Recording Fees
52260 Laundry Services
52270 Other Governmental
Services

52305 Office Supplies
52310 Operating Supplies
52315 Gas, oil, lubrication
52320 Janitorial Supplies
52325 Tech & Scientific Supplies
52375 Postage and Freight
52330 Repair & Maintenance
Supplies
52335 Construction & Building
Supplies
52340 Parts Equipment
52350 Small Tools
52360 Safety Equipment
52380 Software Expensed
52385 Computer Equipment

52405 Dues, Memberships,
Certifications
52410 Books, Subsc. &
Publications
52425 Software Licenses
& Support
52430 Publication Notices
52435 Printing & Duplicating
52440 Telecom Internal
52445 Telephone Service
52470 Building & Land Rental
52475 Fuel Contract

52480 Training & Education
52485 Travel Expense
52486 Fleet Charges
52487 Private Mileage
52495 Other Materials and
Services
52500 Permits, Licenses & Fees
52505 Public Information
52510 Taxes, Assessment, Liens
52515 Bank Service Charge
52525 Finance Petty Cash Short

52605 Equipment Rental
52610 Repair & Maintenance
Services
52630 Computer R&M
52705 Insurance
52720 Property Damage
52735 General Liability

52805 Polymers
52820 Ferric Chloride
52825 Alum
52810 Polymers
52815 Liquid Oxygen
52835 Sodium Hydroxide
52840 Sodium Hypochlorite
52845 Lime
52850 Sodium Bisulfite
52890 Other Chemicals

Capital Outlay - 55000

55200 Land Purchase
55220 Easements
55300 Buildings and Structures
55400 Machinery and
55130 Office Equipment
55120 Data Processing
Equipment
55500 Trucks and Autos
55600 Plant Equipment
55700 Construction & Maint.
Equip.

Other Expenditures

52905 Bad Debt Expense
56200 Principal-Long Term
56205 Interest – Long Term
Contracts
57102 Transfer to Fund 102
57106 Transfer to Fund 106
57111 Transfer to Fund 111
57112 Transfer to Fund 112
57115 Transfer to Fund 115
57206 Transfer to Fund 206
57212 Transfer to Fund 212
58100 Operating Contingency

SANITARY SEWER CAPITAL PROJECT LIST

Home Portfolio	FY 2021 Actual	FY 2022 Budget	FY 2022 Revised	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected	FY 2027 Projected	FY 2023-2027 Projected
Active Projects									
Business Svcs - Finance - Business Applications									
6905 UTILITY BILLING CUSTOMER INFORMATION SYSTEM REPLACEMENT	\$1,003,815	\$3,000,000	\$3,500,000	\$400,000	\$0	\$0	\$0	\$0	\$400,000
7083 ACCOUNTS PAYABLE AUTOMATION SOFTWARE	\$7,200	\$0	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$10,000
	\$1,011,015	\$3,000,000	\$3,510,000	\$410,000	\$0	\$0	\$0	\$0	\$410,000
Business Svcs - Finance - Finance									
CAPITAL OUTLAY FY 2022-23	\$0	\$0	\$0	\$197,000	\$0	\$0	\$0	\$0	\$197,000
CAPITAL OUTLAY FY 2022-23 - REPLACEMENTS	\$0	\$0	\$0	\$337,500	\$0	\$0	\$0	\$0	\$337,500
UTILITY BILLING SOFTWARE PHASE 2	\$0	\$0	\$0	\$500,000	\$0	\$0	\$0	\$0	\$500,000
	\$0	\$0	\$0	\$1,034,500	\$0	\$0	\$0	\$0	\$1,034,500
Digital Solutions - Business Applications									
DIGITAL SOLUTIONS SECURITY ASSESSMENT	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
Digital Solutions - Infrastructure - Replacement									
R&I ANALYSIS SERVER	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
SECURITY - PHYSICAL & CYBER	\$0	\$0	\$0	\$300,000	\$110,000	\$80,000	\$110,000	\$110,000	\$710,000
7027 IT COMMUNICATIONS ASSET LIFE-CYCLE COSTS	\$58,349	\$120,000	\$0	\$230,000	\$220,000	\$120,000	\$120,000	\$870,000	\$1,560,000
7028 IT END USER DEVICE ASSET LIFE CYCLE	\$19,776	\$60,000	\$0	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
7029 IT SERVER ASSET LIFE CYCLE COSTS	\$87,078	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
7030 IT STORAGE ASSET LIFE CYCLE COSTS	\$61,141	\$70,000	\$70,000	\$70,000	\$300,000	\$70,000	\$70,000	\$70,000	\$580,000
7082 SECURITY CAMERA LIFE CYCLE	\$13,894	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
7121 CONFERENCE ROOM AV EQUIPMENT	\$14,077	\$0	\$0	\$60,000	\$50,000	\$40,000	\$30,000	\$20,000	\$200,000
	\$254,315	\$375,000	\$195,000	\$870,000	\$840,000	\$470,000	\$490,000	\$1,230,000	\$3,900,000
Digital Solutions - Infrastructure - Support									
7110 FIBER OPTIC OPPORTUNITIES	\$0	\$80,000	\$0	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
	\$0	\$80,000	\$0	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
EATS - Durham									
DURHAM CHEMICAL BUILDING LOWER ROOF REPLACEMENT	\$0	\$0	\$0	\$375,000	\$50,000	\$225,000	\$0	\$0	\$650,000
DURHAM FACILITY RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$265,000	\$100,000	\$100,000	\$100,000	\$100,000	\$665,000
DURHAM IPS MV VFD 1 - CONTROL UPGRADE	\$0	\$50,000	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$300,000
DURHAM LIQUIDS AND SOLIDS POWER DISTRIBUTION UPGRADE	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected
	DURHAM PLANT ROAD REPAIR & REPLACEMENT	\$0	\$0	\$0	\$315,000	\$160,000	\$0	\$0	\$0	\$475,000
	DURHAM SOLIDS BUILDING ELEVATOR MODERNIZATION	\$0	\$0	\$0	\$275,000	\$250,000	\$0	\$0	\$0	\$525,000
7096	DURHAM COGENERATION & FOG SECOND POWER TRANSFORMER UNIT	\$27,917	\$335,000	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0
7144	DURHAM REPLACEMENT & RENEWAL	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
7152	DURHAM REPLACE HEADWORKS MAKE UP AIR UNITS	\$0	\$135,000	\$135,000	\$0	\$0	\$0	\$0	\$0	\$0
		\$27,917	\$1,620,000	\$985,000	\$1,880,000	\$1,210,000	\$825,000	\$600,000	\$600,000	\$5,115,000
EATS - Electrical & Instrumentation										
	DURHAM PLC UPGRADE TO ALLEN-BRADLEY	\$0	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
		\$0	\$0	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
EATS - Facilities Management Projects										
	ABC 2nd FLOOR SPACE MODIFICATIONS	\$0	\$150,000	\$150,000	\$215,000	\$0	\$0	\$0	\$0	\$215,000
	ABC FACILITY RENEWAL & REPLACEMENT	\$0	\$0	\$0	\$125,000	\$0	\$0	\$0	\$0	\$125,000
	ABC HVAC BOILER REPLACEMENT	\$0	\$100,000	\$0	\$0	\$400,000	\$0	\$0	\$0	\$400,000
	ABC IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$300,000	\$1,000,000	\$7,200,000	\$8,500,000
	ABC PARKING LOT SECURITY GATES	\$0	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	CEDAR STREET PUMP STATION UPGRADE	\$0	\$135,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DURHAM FACILITY UPGRADES	\$0	\$0	\$0	\$100,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
	DURHAM O&M SHOP ROOF REPLACEMENT	\$0	\$0	\$0	\$250,000	\$0	\$0	\$0	\$0	\$250,000
	FIELD OPERATIONS MERLO COURT FACILITY UPGRADES	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$75,000
	FIELD OPERATIONS MERLO FACILITY RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$50,000	\$0	\$0	\$0	\$0	\$50,000
	FIELD OPERATIONS MERLO REPLACE VEHICLE GATES	\$0	\$0	\$0	\$0	\$0	\$100,000	\$0	\$0	\$100,000
	FIELD OPERATIONS ROOF REPLACEMENT	\$0	\$50,000	\$0	\$0	\$0	\$200,000	\$0	\$0	\$200,000
	FOREST GROVE FACILITY RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$165,000	\$25,000	\$25,000	\$25,000	\$25,000	\$265,000
	FOREST GROVE FACILITY UPGRADES	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
	HILLSBORO FACILITY RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$127,000	\$25,000	\$25,000	\$25,000	\$25,000	\$227,000
	HILLSBORO FACILITY UPGRADES	\$0	\$0	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
	MERIWETHER	\$0	\$0	\$0	\$7,200,000	\$4,500,000	\$1,300,000	\$0	\$0	\$13,000,000
	MERLO FACILITY IMPROVEMENTS	\$0	\$0	\$0	\$200,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,200,000
	PUMP STATION FACILITIES RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$70,000	\$20,000	\$20,000	\$20,000	\$20,000	\$150,000
	PUMP STATION FACILITY UPGRADES	\$0	\$0	\$0	\$80,000	\$20,000	\$20,000	\$20,000	\$20,000	\$160,000
	RIPL FACILITY RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
	RIPL FACILITY UPGRADES	\$0	\$0	\$0	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$300,000
	ROCK CREEK FACILITY RENEWAL AND REPLACEMENT	\$0	\$0	\$0	\$55,000	\$25,000	\$25,000	\$25,000	\$25,000	\$155,000
	ROCK CREEK FACILITY UPGRADES	\$0	\$0	\$0	\$75,000	\$50,000	\$50,000	\$50,000	\$50,000	\$275,000

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
7146	HILLSBORO REPLACEMENT & RENEWAL	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
7147	PUMP STATIONS REPLACEMENT & RENEWAL	\$0	\$350,000	\$450,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$2,000,000
		\$18,473	\$3,075,000	\$2,198,300	\$3,010,000	\$3,575,000	\$2,470,000	\$2,225,000	\$1,675,000	\$12,955,000	
Government & Public Affairs - Office of the CEO											
	WEBSITE REDEVELOPMENT	\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Laboratory - Regulatory Affairs											
7015	LAB INSTRUMENTS REPLACEMENT	\$0	\$220,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$220,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NSES - CWS Property Improvements											
	TUALATIN RIVER FARM-DEMONSTRATION SITE IMPROVEMENTS	\$0	\$0	\$0	\$150,000	\$75,000	\$50,000	\$50,000	\$50,000	\$50,000	\$375,000
6465	Forest Grove Property Enhancements	\$121,253	\$100,000	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$300,000
6678	NATURAL SYSTEM RESOURCE PARTNERSHIPS	\$0	\$250,000	\$100,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$750,000
7037	JACKSON BOTTOM - DAVIS TOOL WETLANDS & REUSE IMPROVEMENTS	\$127,821	\$150,000	\$165,000	\$113,000	\$77,000	\$77,000	\$165,000	\$165,000	\$165,000	\$597,000
7129	JB- COYOTE HILL WETLANDS & REFUSE IMPROVEMENTS	\$0	\$200,000	\$150,000	\$160,000	\$300,000	\$150,000	\$0	\$0	\$0	\$610,000
		\$249,074	\$700,000	\$415,000	\$773,000	\$802,000	\$627,000	\$215,000	\$215,000	\$215,000	\$2,632,000
NSES - Flow Restoration and Reuse											
6483	LONG RANGE WATER SUPPLY PLAN	\$1,166,535	\$1,500,000	\$300,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
		\$1,166,535	\$1,500,000	\$300,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000
NSES - NSES Enhancement											
	NATURAL SYSTEM IMPROVEMENTS - SANI	\$0	\$100,000	\$100,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000
4943	WETLAND MITIGATION MONITORING (SANITARY)	\$151,253	\$167,200	\$167,200	\$149,900	\$253,800	\$221,000	\$199,500	\$188,500	\$188,500	\$1,012,700
6529	NATURAL SYSTEM REGIONAL SERVICES	\$655,907	\$652,300	\$764,500	\$760,100	\$703,400	\$703,300	\$643,300	\$690,000	\$690,000	\$3,500,100
6530	COLLABORATIVE REGIONAL RESTORATION	\$516,101	\$610,000	\$586,300	\$594,000	\$355,400	\$244,300	\$112,200	\$93,500	\$93,500	\$1,399,400
6555	SPRINGVILLE TRIB, ROCK CREEK - 185TH TO KAISER - SANI	\$38,636	\$60,000	\$61,000	\$65,500	\$60,500	\$60,500	\$60,500	\$60,500	\$60,500	\$307,500
6683	RESTORATION MANAGEMENT SYSTEMS	\$269,601	\$75,000	\$180,000	\$160,000	\$0	\$0	\$0	\$0	\$0	\$160,000
6855	LOCAL RESTORATION PARTNERSHIPS	\$1,710,872	\$832,700	\$793,200	\$940,700	\$1,170,700	\$1,376,100	\$459,300	\$327,800	\$327,800	\$4,274,600
6856	TUALATIN RIVER REFUGE RESTORATION	\$723,226	\$1,509,200	\$1,820,000	\$217,800	\$159,500	\$148,500	\$126,500	\$115,500	\$115,500	\$767,800
6864	WAPATO LAKE REFUGE RESTORATION	\$335,360	\$550,000	\$607,200	\$474,100	\$467,500	\$467,500	\$0	\$0	\$0	\$1,409,100
7033	COLLABORATIVE RESTORATION PHASE 2	\$193,354	\$278,300	\$273,900	\$345,000	\$290,400	\$289,300	\$244,200	\$232,100	\$232,100	\$1,401,000
7039	TUALATIN SOIL AND WATER CONSERVATION PARTNERSHIP	\$109,324	\$500,000	\$500,000	\$725,000	\$1,100,000	\$500,000	\$400,000	\$400,000	\$400,000	\$3,125,000
7097	FANNO CREEK TRAIL IMPROVEMENTS	\$53,745	\$20,000	\$10,000	\$221,000	\$0	\$0	\$0	\$0	\$0	\$221,000
7114	TUALATIN RIVER FLOODPLAIN RESTORATION	\$7,577	\$100,000	\$250,000	\$150,000	\$550,000	\$1,150,000	\$2,050,000	\$1,300,000	\$1,300,000	\$5,200,000
7122	GALES CREEK - BALM GROVE RESTORATION	\$0	\$75,000	\$68,200	\$364,200	\$478,500	\$24,200	\$24,200	\$24,200	\$0	\$891,100

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected
7127	TANNER CREEK ENHANCEMENT	\$0	\$0	\$22,000	\$82,500	\$82,500	\$82,500	\$82,500	\$82,500	\$412,500
		\$4,764,956	\$5,529,700	\$6,203,500	\$5,449,800	\$5,872,200	\$5,467,200	\$4,602,200	\$3,690,400	\$25,081,800
NSES - Plans and Studies										
	PERFORMANCE MANAGEMENT SYSTEM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Office of CEO - Admin - Office of the CEO										
7046	HAZARD MITIGATION	\$0	\$25,000	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000
		\$0	\$25,000	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000
Office of CEO - Legal - Business Applications										
	RECORDS MANAGEMENT SOFTWARE	\$0	\$40,000	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
		\$0	\$40,000	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
Regional Utility Services - City-Managed Projects										
	1911/1936 SANITARY SEWER I&I ABATEMENT PROJECT No. 6	\$0	\$0	\$20,000	\$515,000	\$1,260,000	\$250,000	\$0	\$0	\$2,025,000
	ERICKSON TRUNK BASIN I/I REDUCTION PROJECT, CIP 6105	\$0	\$0	\$74,000	\$200,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,200,000
	NORTH MARTINAZZI TRUNK: SEMINOLE TR TO SAGERT ST (PRIORITY 2)	\$0	\$0	\$200,000	\$1,575,000	\$0	\$0	\$0	\$0	\$1,575,000
	ROCK CREEK SANITARY TRUNKLINE UPGRADE - PHASE 2	\$0	\$0	\$500,000	\$1,000,000	\$2,075,000	\$0	\$0	\$0	\$3,075,000
	SOUTH MARTINAZZI TRUNK: IROQUOIS DR TO CHELAN ST (PRIORITY 4)	\$0	\$0	\$0	\$140,000	\$1,200,000	\$0	\$0	\$0	\$1,340,000
	SOUTH MARTINAZZI TRUNK: SAUM CRK TR TO BLAKE ST; MAKAH CT TO IROQUOIS DR (PRIORITY 3)	\$0	\$0	\$0	\$190,000	\$1,215,000	\$0	\$0	\$0	\$1,405,000
	SW 103RD SANITARY SEWER UPSIZING (PH.1)	\$0	\$0	\$0	\$100,700	\$774,000	\$0	\$0	\$0	\$874,700
6922	HALL BLVD LATERAL (R-110)	\$0	\$1,429,000	\$3,376,100	\$0	\$0	\$0	\$0	\$0	\$0
7068	WATSON AND MILLIKAN SANITARY IMPROVEMENTS	\$0	\$410,000	\$35,000	\$375,000	\$0	\$0	\$0	\$0	\$375,000
7104	BENDEMEER TRUNK SEWER UPGRADE	\$10,341	\$0	\$600,000	\$2,900,000	\$0	\$0	\$0	\$0	\$2,900,000
7106	MARTINAZZI SANITARY SEWER UPSIZING PHASE 1	\$0	\$626,800	\$1,016,300	\$0	\$0	\$0	\$0	\$0	\$0
7115	MINTER BRIDGE SANITARY SEWER UPGRADE	\$0	\$0	\$84,000	\$231,000	\$231,000	\$0	\$0	\$0	\$462,000
7140	HILLSBORO THIRD AVENUE SANITARY SEWER UPGRADE	\$0	\$0	\$75,000	\$1,080,000	\$0	\$0	\$0	\$0	\$1,080,000
		\$10,341	\$2,465,800	\$5,980,400	\$8,306,700	\$7,755,000	\$1,250,000	\$0	\$0	\$17,311,700
Regional Utility Services - LID										
	NW 110th AVENUE AT CORNELL SANITARY SEWER LID	\$0	\$50,000	\$2,000	\$25,000	\$0	\$0	\$0	\$0	\$25,000
6273	LOCAL IMPROVEMENT DISTRICT SUPPORT	\$0	\$50,000	\$3,000	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$200,000
6974	NW CORNELL RD AT NW 107TH AVENUE RD/LID	\$227,432	\$750,000	\$125,000	\$875,000	\$0	\$0	\$0	\$0	\$875,000
		\$227,432	\$850,000	\$130,000	\$950,000	\$50,000	\$50,000	\$50,000	\$0	\$1,100,000
Regional Utility Services - RUSD Managed Projects										
	PLAN REVIEW APPLICANT PORTAL	\$0	\$0	\$0	\$180,000	\$50,000	\$0	\$0	\$0	\$230,000

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
6283	UTILITY RELOCATION	\$82,866	\$75,000	\$120,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
6996	MIDDLEBROOK-BROOKMAN SEWER EXTENSION	\$262,231	\$500,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$344,897	\$575,000	\$720,000	\$280,000	\$150,000	\$100,000	\$100,000	\$100,000	\$100,000	\$730,000
Regulatory Affairs - Regulatory Affairs											
7107	LAB EQUIPMENT	\$0	\$70,000	\$0	\$75,900	\$0	\$0	\$0	\$0	\$0	\$75,900
		\$0	\$70,000	\$0	\$75,900	\$0	\$0	\$0	\$0	\$0	\$75,900
UOPS - Conveyance Engr - City-Managed Projects											
	DEVELOPMENT RELATED PROJECTS	\$0	\$3,000,000	\$0	\$750,000	\$1,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$11,250,000
	DISTRICT SHARE OF CITY PROJECTS	\$1,592,903	\$3,000,000	\$100,000	\$750,000	\$1,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$10,750,000
6924	1911/1936 AND TURNER CREEK SANITARY SEWER I/I ABATEMENT	\$0	\$0	\$90,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7059	ROCK CREEK TRUNK PHASE 1	\$0	\$0	\$968,900	\$980,200	\$0	\$0	\$0	\$0	\$0	\$980,200
7067	NYBERG SANI TRUNK REHAB	\$0	\$311,000	\$158,600	\$690,000	\$0	\$0	\$0	\$0	\$0	\$690,000
7069	SW 105TH AVENUE SANITARY SEWER UPSIZING	\$0	\$90,000	\$78,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$1,592,903	\$6,401,000	\$1,395,600	\$3,170,200	\$2,500,000	\$6,000,000	\$6,000,000	\$6,000,000	\$6,000,000	\$23,670,200
UOPS - Conveyance Engr - Rehabilitation											
	BECKER DRIVE REHABILITATION	\$0	\$10,000	\$0	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000
	BOHMANN AT 87TH SANITARY SEWER REMEDIATION	\$0	\$75,000	\$0	\$25,000	\$550,000	\$0	\$0	\$0	\$0	\$575,000
	EAST BASIN I/I ABATEMENT	\$0	\$0	\$0	\$200,000	\$1,000,000	\$2,700,000	\$2,700,000	\$2,700,000	\$2,700,000	\$9,300,000
	FAIRWAY DRIVE EXPOSED SEWER REMEDIATION	\$0	\$10,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
	FANNO CREEK INTERCEPTOR REHAB	\$0	\$0	\$0	\$200,000	\$1,000,000	\$4,900,000	\$4,900,000	\$4,900,000	\$4,900,000	\$15,900,000
	GRACE LANE EXPOSED SEWER REMEDIATION	\$0	\$75,000	\$0	\$25,000	\$50,000	\$500,000	\$0	\$0	\$0	\$575,000
	HIGH PRIORITY STRUCTURAL REPAIR PROGRAM	\$0	\$50,000	\$50,000	\$50,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,250,000
	MH 14457 NW 102nd EXPOSED SEWER REMEDIATION	\$0	\$20,000	\$0	\$10,000	\$55,000	\$0	\$0	\$0	\$0	\$65,000
	SCENIC DRIVE @ #2200 EXPOSED SEWER REMEDIATION	\$0	\$20,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
	SPRINGVILLE CREEK AT MEADOWLAND EXPOSED SEWER REMEDIATION	\$0	\$10,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
	WEST BASIN I/I	\$0	\$40,000	\$40,000	\$150,000	\$100,000	\$100,000	\$1,000,000	\$1,000,000	\$1,000,000	\$2,350,000
6298	LARGE TRUNKLINE I/I	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6332	REHABILITATION MASTER PLANNING	\$89,085	\$70,000	\$70,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000
6653	EXPOSED LATERALS PROGRAM	\$10,700	\$70,000	\$10,000	\$25,000	\$430,000	\$760,000	\$715,000	\$715,000	\$715,000	\$2,645,000
6767	BROADMOOR SANITARY SEWER REPLACEMENT	\$0	\$250,000	\$150,000	\$250,000	\$150,000	\$0	\$0	\$0	\$0	\$400,000
6918	ALOHA I/I	\$0	\$5,000	\$2,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$5,000
6977	CANYON CREEK SEWER IMPROVEMENTS	\$0	\$0	\$0	\$0	\$50,000	\$210,000	\$0	\$0	\$0	\$260,000
6981	MONTCLAIR AREA SEWER REPAIR	\$1,853	\$20,000	\$10,000	\$50,000	\$650,000	\$2,100,000	\$0	\$0	\$0	\$2,800,000
6982	GARDEN HOME SEWER REHABILITATION PHASE 2	\$74,284	\$600,000	\$700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected
6994	RYAN STREET SWALE EXPOSED SEWER	\$444	\$115,000	\$0	\$0	\$110,000	\$0	\$0	\$0	\$110,000
7041	B STREET PUMP STATION 1&I ABATEMENT	\$0	\$2,500	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0
7048	CEDAR HILLS REHABILITATION PHASE 3	\$210,235	\$570,000	\$570,000	\$4,600,000	\$0	\$0	\$0	\$0	\$4,600,000
7049	MAIN AND 23rd I/I REHAB	\$98,545	\$750,000	\$900,000	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
7153	FOREST GROVE REHABILITATION PHASE 3 -	\$0	\$150,000	\$20,000	\$300,000	\$1,075,000	\$5,375,000	\$0	\$0	\$6,750,000
7157	PACIFIC AVENUE & BIRCH STREET GASTON I/I REDUCTION	\$0	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
		\$485,146	\$3,037,500	\$2,549,500	\$7,230,000	\$5,635,000	\$17,060,000	\$9,705,000	\$9,705,000	\$49,335,000
UOPS - Conveyance Engr - RUSD Managed Projects										
6763	SANITARY SEWER MASTER PLANS FOR EXPANSION AREAS	\$9,819	\$10,000	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
		\$9,819	\$10,000	\$20,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
UOPS - Conveyance Engr - Sanitary Collection System										
	192nd AVE SANITARY SEWER UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	BARNES ROAD SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	BEAVERTON TRUNK SANITARY UPGRADE	\$0	\$250,000	\$10,000	\$0	\$250,000	\$100,000	\$0	\$0	\$350,000
	BUTTERNUT CREEK SCHOOL SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	CABERNET STREET SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	CROSS CREEK TRUNK SOUTH R-140	\$0	\$0	\$0	\$170,000	\$500,000	\$1,500,000	\$0	\$0	\$2,170,000
	FAIRFIELD ST SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
	FANNO CK CONVEYANCE REHAB IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	FOOTHILL DR (COMMONWEALTH LAKE) SANITARY UPGRADE	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
	HELVETIA PUMP STATION GRAVITY SEWER EXTENSION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ICM-TECH IMPROVEMENTS	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
	LARGE DIAMETER CONVEYANCE CAPACITY UPGRADES	\$0	\$0	\$0	\$1,000,000	\$6,000,000	\$7,500,000	\$8,000,000	\$10,000,000	\$32,500,000
	ROCK CREEK - RELOCATION AT BETHANY LAKE	\$0	\$0	\$0	\$0	\$40,000	\$400,000	\$0	\$0	\$440,000
	SANITARY ADJUSTMENTS FOR HIGHWAY 217 WIDENING	\$0	\$75,000	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0
	SHAW ST & 198th SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	SHERWOOD TRUNK IMP -CHICKEN CK - SO. OF WASHINGTON ST	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000
	SHERWOOD TRUNK IMPROVEMENTS-ROY ROGERS RD TO WASHINGTON ST	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$0	\$500,000
	WASHINGTON STREET SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	WEST UNION SANITARY UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6399	LOCAL SANITARY SEWER UPGRADES	\$13,634	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
6826	CEDAR MILL TRUNK RELOCATION AT MURRAY/WALKER	\$21,056	\$485,000	\$10,000	\$485,000	\$0	\$0	\$0	\$0	\$485,000
6882	CEDAR MILL TRUNK UPGRADE JENKINS TO BEAVERTON INTERCEPTOR	\$1,668,610	\$8,000,000	\$9,700,000	\$3,200,000	\$0	\$0	\$0	\$0	\$3,200,000
6966	BROOKMAN TRUNK SEWER EXTENSION	\$42,990	\$700,000	\$200,000	\$700,000	\$5,200,000	\$3,050,000	\$1,020,000	\$0	\$9,970,000

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
6985	NORTH HILLSBORO INDUSTRIAL WEIBEL CREEK GRAVITY	\$170	\$25,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7009	DAWSON TRUNK SITE D CONNECTION	\$5,188	\$50,000	\$230,000	\$370,000	\$0	\$0	\$0	\$0	\$0	\$0	\$370,000
7023	UPPER TUALATIN INTERCEPTOR CAPACITY IMPROVEMENTS AT 99W	\$142,400	\$1,625,000	\$1,150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7032	BRIGHTON PUMP STATION DECOMMISSIONING	\$0	\$0	\$0	\$150,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$275,000
7131	OREGON HWY 217 SEWER REALIGNMENT at DENNEY ROAD	\$0	\$0	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7137	KING CITY ANNEXATION AREA E-W TRUNK	\$0	\$150,000	\$150,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
7138	METZGER/FANNO INTERCEPTOR UNDER RRX (D-340)	\$0	\$0	\$0	\$500,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$800,000
	UOPS - Field Ops - Field Operations	\$1,894,048	\$11,560,000	\$11,845,000	\$6,975,000	\$12,515,000	\$12,650,000	\$9,870,000	\$10,250,000	\$52,260,000		
	CASCADIA I&I REDUCTION	\$0	\$0	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
	CONVEYANCE STRUCTURES FALL PROTECTION IMPROVEMENTS	\$0	\$55,000	\$7,500	\$47,500	\$0	\$0	\$0	\$0	\$0	\$0	\$47,500
	FIELD OPERATIONS SAFETY EQUIPMENT	\$0	\$70,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	UOPS ASSET MANAGEMENT STUDY	\$0	\$100,000	\$0	\$100,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$150,000
6377	FLOW MONITORING EQUIPMENT RENEWAL PROGRAM	\$0	\$110,000	\$110,000	\$110,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$580,000
6777	ROOT LIST REDUCTION	\$0	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$600,000
7042	MATERIAL PROCESSING YARD PHASE 2	\$4,947	\$55,000	\$55,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7086	COMMUNICATION MODERNIZATION AND UPGRADES	\$82,487	\$190,000	\$190,000	\$110,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$150,000
7113	FIELD OPERATIONS EQUIPMENT REPLACEMENTS	\$78,318	\$200,000	\$185,000	\$97,500	\$60,000	\$0	\$0	\$0	\$0	\$0	\$157,500
	UOPS - Field Ops - Fleet	\$165,752	\$900,000	\$737,500	\$735,000	\$380,000	\$240,000	\$240,000	\$240,000	\$1,835,000		
6221	SANITARY LIGHT & MEDIUM DUTY VEHICLE ADDITIONS	\$0	\$27,500	\$0	\$162,500	\$0	\$0	\$0	\$0	\$0	\$0	\$162,500
6303	SANITARY HEAVY DUTY TRUCK/EQUIPMENT ADDITIONS	\$27,517	\$0	\$0	\$109,500	\$0	\$0	\$0	\$0	\$0	\$0	\$109,500
	UOPS - Field Ops - Replacement and Renewal (Fleet)	\$27,517	\$27,500	\$0	\$272,000	\$0	\$0	\$0	\$0	\$272,000		
6840	SANITARY LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT	\$84,608	\$336,000	\$91,950	\$407,100	\$271,000	\$282,800	\$323,500	\$381,100	\$1,665,500		
6841	SANITARY HEAVY DUTY VEHICLE REPLACEMENT	\$538,134	\$650,000	\$294,000	\$1,009,500	\$642,000	\$699,500	\$232,500	\$427,000	\$3,010,500		
	WRRD - CWS Property Improvements	\$622,742	\$986,000	\$385,950	\$1,416,600	\$913,000	\$982,300	\$556,000	\$808,100	\$4,676,000		
	FOREST GROVE WEST AG LANDS DEVELOPMENT	\$0	\$220,000	\$0	\$230,000	\$750,000	\$750,000	\$1,000,000	\$0	\$2,730,000		
	WRRD - Durham	\$0	\$220,000	\$0	\$230,000	\$750,000	\$750,000	\$1,000,000	\$0	\$2,730,000		
	DURHAM CHEMICAL BUILDING MUA REPLACEMENTS	\$0	\$0	\$0	\$160,000	\$0	\$0	\$0	\$0	\$160,000		
	DURHAM IPS HVAC REPAIRS	\$0	\$250,000	\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000		

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
	DURHAM LIQUIDS CONTROL BUILDING UPGRADE	\$0	\$250,000	\$0	\$250,000	\$0	\$2,250,000	\$0	\$0	\$0	\$2,500,000
	DURHAM ODOR CONTROL PHASE 3	\$0	\$0	\$0	\$100,000	\$100,000	\$900,000	\$4,950,000	\$4,950,000	\$0	\$10,900,000
	DURHAM PHASE 6B - New Digester	\$0	\$100,000	\$50,000	\$350,000	\$350,000	\$800,000	\$0	\$0	\$0	\$1,150,000
	DURHAM PRIMARY SLUDGE PS REHAB	\$0	\$85,000	\$0	\$0	\$0	\$110,000	\$0	\$0	\$0	\$110,000
	DURHAM REPLACE BACK-UP AIR COMPRESSOR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DURHAM SLUDGE SCREENING	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DURHAM THIRD BOILER AT DC-2	\$0	\$0	\$0	\$0	\$0	\$175,000	\$0	\$0	\$0	\$175,000
	DURHAM TRUCK SCALE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DURHAM UNISON BACK-UP CHILLER	\$0	\$150,000	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
6368	DURHAM MISCELLANEOUS UPGRADES	\$442,880	\$300,000	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$0	\$0	\$750,000
6757	DURHAM PHASE 5B3 - Secondary Capacity Expansion	\$7,270,168	\$0	\$1,210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6789	DURHAM PHASE 5C - Tertiary Clarification Improvements	\$38,330	\$0	\$0	\$0	\$0	\$0	\$600,000	\$6,325,000	\$600,000	\$7,525,000
6834	DURHAM UFAT EXPANSION	\$342,954	\$750,000	\$1,100,000	\$7,000,000	\$7,000,000	\$3,000,000	\$0	\$0	\$0	\$10,000,000
6844	DURHAM ENGINE REBUILD	\$162,545	\$175,000	\$175,000	\$850,000	\$850,000	\$180,000	\$180,000	\$180,000	\$180,000	\$1,570,000
6893	DURHAM PHASE 6C - Sludge Dewatering Replacement/Rebuild	\$79,489	\$130,000	\$202,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6941	DURHAM OSTARA DRYER REPLACEMENT & HVAC IMPROVEMENTS	\$729,634	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6946	DURHAM BACKWASH PUMPING MODIFICATIONS	\$311,714	\$582,000	\$383,000	\$275,000	\$275,000	\$0	\$0	\$0	\$0	\$275,000
6980	DURHAM LIME SYSTEM MODIFICATIONS	\$762,629	\$1,000,000	\$1,496,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6992	DURHAM FOG TANK RETROFIT	\$773,049	\$1,550,000	\$2,535,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7019	DURHAM O&M PARKING LOT & MAINTENANCE STORAGE	\$54,103	\$355,000	\$820,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7045	DURHAM WASSTRIP IMPROVEMENTS	\$1,739,209	\$2,000,000	\$2,828,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7070	DURHAM SOLIDS BUILDING DRAIN SYSTEM REHAB	\$63,385	\$550,000	\$580,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7071	DURHAM GRIT SYSTEM REHABILITATION	\$53,007	\$1,270,000	\$955,000	\$1,390,000	\$1,390,000	\$0	\$0	\$0	\$0	\$1,390,000
7116	DURHAM WAREHOUSING & LOGISTICAL SUPPORT BUILDING	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7118	OSTARA Process Controls Migration	\$9,421	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7126	DURHAM CHEM LAB HVAC REPLACEMENT	\$0	\$125,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7141	DURHAM RAS PUMP VALVES AND PIPING REPLACEMENT	\$0	\$220,000	\$120,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$100,000
7142	DURHAM SOLIDS BUILDING UPPER DRAIN REPAIR	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7148	DURHAM WOMENS LOCKER ROOM IMPROVEMENTS	\$0	\$200,000	\$300,000	\$75,000	\$75,000	\$0	\$0	\$0	\$0	\$75,000
		\$12,832,517	\$10,292,000	\$13,130,400	\$10,950,000	\$10,950,000	\$7,915,000	\$6,205,000	\$11,455,000	\$780,000	\$37,305,000
WRRD - Facilities Management Projects											
	ROCK CREEK MECHANICAL STORAGE BUILDING	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
	ROCK CREEK O&M BUILDING PRESSURE WASHER AREA IMPROVEMENTS	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
7036	LANDSCAPE IMPROVEMENTS AND UPGRADES	\$335,487	\$750,000	\$350,000	\$650,000	\$550,000	\$550,000	\$480,000	\$675,000	\$650,000	\$3,005,000
	WRRD - Forest Grove	\$335,487	\$975,000	\$500,000	\$800,000	\$550,000	\$550,000	\$480,000	\$675,000	\$650,000	\$3,155,000
	FERNHILL INTERACTIVE VIEWING PLATFORM	\$0	\$0	\$0	\$150,000	\$750,000	\$750,000	\$0	\$0	\$0	\$900,000
	FERNHILL NORTH	\$0	\$0	\$0	\$500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$250,000	\$0	\$3,750,000
	FOREST GROVE INFLUENT SCREENINGS IMPROVEMENT	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$1,100,000	\$1,100,000	\$0	\$2,300,000
	FOREST GROVE PCI WATER LOOP MODS	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$0	\$0	\$0	\$50,000
	FOREST GROVE PRIMARY TREATMENT	\$0	\$0	\$0	\$500,000	\$5,100,000	\$5,100,000	\$5,500,000	\$0	\$0	\$11,100,000
	FOREST GROVE RECYCLED WATER FACILITY	\$0	\$0	\$0	\$50,000	\$500,000	\$500,000	\$0	\$0	\$0	\$550,000
6374	FOREST GROVE MISCELLANEOUS UPGRADES	\$38,010	\$100,000	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
6792	FOREST GROVE EFFLUENT PUMP STATION	\$879,988	\$9,100,000	\$6,700,000	\$2,150,000	\$0	\$0	\$0	\$0	\$0	\$2,150,000
6849	FERNHILL MISCELLANEOUS IMPROVEMENTS	\$307,870	\$300,000	\$186,400	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
6866	FOREST GROVE AERATION BASIN MODIFICATIONS	\$0	\$0	\$0	\$0	\$100,000	\$100,000	\$700,000	\$0	\$0	\$800,000
6896	FOREST GROVE SOLIDS TREATMENT ALTERNATIVES PROJECT	\$8,056	\$0	\$0	\$0	\$400,000	\$3,200,000	\$2,200,000	\$2,200,000	\$0	\$5,800,000
6925	FOREST GROVE SECONDARY CLARIFIERS	\$7,629,132	\$1,100,000	\$2,475,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7066	FERNHILL INTERACTIVE NATURE LEARNING PROJECT	\$45,973	\$0	\$0	\$415,000	\$0	\$0	\$0	\$0	\$0	\$415,000
	WRRD - Hillsboro	\$8,909,029	\$10,600,000	\$9,411,400	\$4,165,000	\$8,900,000	\$12,400,000	\$3,950,000	\$400,000	\$29,815,000	
	DAVIS TOOL AND JACKSON BOTTOM IRRIGATION IMPROVEMENTS	\$0	\$0	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$450,000
	HILLSBORO ADMINISTRATION BUILDING IMPROVEMENTS	\$0	\$0	\$0	\$0	\$50,000	\$800,000	\$2,200,000	\$2,200,000	\$0	\$3,050,000
	HILLSBORO NATURAL TREATMENT SYSTEM	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000	\$1,700,000
6373	HILLSBORO MISCELLANEOUS UPGRADES	\$81,360	\$100,000	\$215,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
7047	HILLSBORO HIGH HEAD PUMP STATION AND CONTROL GATE MODIFICATIONS	\$67,466	\$650,000	\$450,000	\$3,400,000	\$1,100,000	\$0	\$0	\$0	\$0	\$4,500,000
7075	HILLSBORO ENTRY GATE	\$477,157	\$0	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7128	HILLSBORO CAUSTIC TANK ADDITION	\$0	\$250,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	WRRD - Miscellaneous (Treatment)	\$625,983	\$1,000,000	\$985,000	\$3,950,000	\$1,250,000	\$900,000	\$2,300,000	\$1,800,000	\$10,200,000	
	RECYCLED WATER MISCELLANEOUS UPGRADES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	TVID RECYCLED WATER PIPELINE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6408	WATER RIGHTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
	WRRD - Pump Stations (Treatment)										
	BASALT CREEK SE PUMP STATION AND FORCEMAIN	\$0	\$0	\$0	\$0	\$50,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,700,000	
	BUTTERNUT CREEK PUMP STATION PHASE 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected
		\$	\$	\$	\$	\$	\$	\$	\$	\$
	BUTTERNUT PUMP STATION 3 PUMP STATION	\$0	\$0	\$0	\$0	\$250,000	\$800,000	\$10,500,000	\$5,250,000	\$16,800,000
	CHICKEN CREEK PUMP STATION & FORCEMAIN	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
	CORNELIUS PUMP STATION IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DAIRY CREEK PUMP STATION & FORCEMAIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DAWSON PUMP STATION UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DEVELOPER BASALT CREEK PUMP STATIONS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	DEVELOPER KING CITY PUMP STATIONS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	FANNO CREEK WET WEATHER PUMP STATION AND FORCEMAIN	\$0	\$50,000	\$50,000	\$100,000	\$200,000	\$500,000	\$200,000	\$15,150,000	\$16,150,000
	GASTON PUMP STATION UPGRADE AND FORCEMAIN REPLACEMENT	\$0	\$0	\$0	\$0	\$50,000	\$400,000	\$1,100,000	\$0	\$1,550,000
	GRAHAM'S FERRY PUMP STATION AND FORCEMAIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	HIGHLANDS REUSE PUMP STATION	\$0	\$0	\$0	\$50,000	\$650,000	\$1,075,000	\$0	\$0	\$1,775,000
	MCKAY CREEK PUMP STATION AND FORCEMAIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	NORTH PLAINS PUMP STATION GENERATOR	\$0	\$350,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0
	FUEL TANK RELOCATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	QUAIL VALLEY PUMP STATION AND FORCEMAIN (CLOSE)	\$0	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	RIVER RD PUMP STATION GENERATOR & ATS	\$0	\$0	\$0	\$0	\$100,000	\$2,050,000	\$0	\$0	\$2,150,000
	REPLACEMENT RIVER TERRACE NORTH FORCEMAIN EXTENSION	\$0	\$0	\$0	\$0	\$0	\$90,000	\$1,175,000	\$1,350,000	\$2,615,000
	RIVER TERRACE WEST PUMP STATION AND FORCEMAIN	\$0	\$0	\$0	\$0	\$0	\$410,000	\$265,000	\$0	\$675,000
	SHERWOOD FORCEMAIN UPGRADE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	SW TUALATIN PUMP STATION & FORCEMAIN	\$0	\$100,000	\$100,000	\$575,000	\$2,650,000	\$0	\$0	\$0	\$3,225,000
	TILE FLAT ROAD PUMP STATION & FORCEMAIN	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	TTM PUMP STATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6380	PUMP STATION MISCELLANEOUS UPGRADES	\$153,542	\$300,000	\$300,000	\$315,000	\$300,000	\$300,000	\$160,000	\$160,000	\$1,235,000
6903	NORTH HILLSBORO PUMP STATION	\$1,453,793	\$3,220,000	\$4,525,000	\$5,000	\$0	\$0	\$0	\$0	\$5,000
6923	HELVETIA PUMP STATION & FORCEMAIN	\$290	\$300,000	\$0	\$300,000	\$1,050,000	\$2,100,000	\$0	\$0	\$3,450,000
7025	OAK VILLAGE PUMP STATION IMPROVEMENTS	\$129,850	\$0	\$52,800	\$0	\$0	\$0	\$0	\$0	\$0
7026	ROSEDALE PUMP STATION AND FORCEMAIN	\$0	\$150,000	\$90,000	\$525,000	\$2,000,000	\$0	\$0	\$0	\$2,525,000
7056	NORWOOD PUMP STATION & FORCEMAIN (BASALT CREEK)	\$131,913	\$1,050,000	\$650,000	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000
7133	QUAIL VALLEY PUMP STATION	\$0	\$25,000	\$55,000	\$575,000	\$1,375,000	\$0	\$0	\$0	\$1,950,000
		\$1,869,388	\$5,795,000	\$5,872,800	\$3,545,000	\$8,700,000	\$7,775,000	\$13,950,000	\$23,010,000	\$56,980,000
WRRD - Replacement and Renewal										
6850	ROCK CREEK REPLACE BACK-UP AIR COMPRESSOR MECHANICAL EQUIPMENT REPLACEMENT & RENEWAL	\$0	\$85,000	\$0	\$0	\$110,000	\$0	\$0	\$0	\$110,000
		\$516,039	\$0	\$320,700	\$0	\$0	\$0	\$0	\$0	\$0

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
6853	INSTRUMENTATION & CONTROL EQUIPMENT REPLACEMENT & RENEWAL PROJECTS	\$48,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6971	ELECTRICAL EQUIPMENT REPLACEMENT & RENEWAL PROJECTS	\$437,096	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7076	PUMP STATION REPLACEMENT AND RENEWAL	\$158,279	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$1,159,960	\$85,000	\$320,700	\$0	\$110,000	\$0	\$0	\$0	\$0	\$110,000
WRRD - Rock Creek											
	ROCK CREEK AERATION BASIN # 6 & # 7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ANAEROBIC ZONE ODOR COVERS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$11,800,000	\$12,600,000
	ROCK CREEK AERATION BASIN # 8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ROCK CREEK AERATION BASIN # 9	\$0	\$0	\$0	\$0	\$175,000	\$1,050,000	\$850,000	\$0	\$0	\$2,075,000
	ROCK CREEK DIGESTER # 3 & # 4 COVER REHABILITATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ROCK CREEK ENGINEERING BUILDING	\$0	\$190,000	\$0	\$290,000	\$290,000	\$290,000	\$0	\$0	\$0	\$580,000
	ROCK CREEK FILTERS 5-10 VALVE & ACTUATOR REPLACEMENT	\$0	\$0	\$0	\$0	\$0	\$900,000	\$800,000	\$0	\$0	\$1,700,000
	ROCK CREEK IPS ODOR CONTROL IMPROVEMENTS	\$0	\$0	\$0	\$0	\$850,000	\$2,150,000	\$0	\$0	\$0	\$3,000,000
	ROCK CREEK LIME SYSTEM IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,200,000	\$12,000,000	\$19,200,000
6372	ROCK CREEK SOLIDS ENHANCED DIGESTION	\$179,560	\$325,000	\$240,000	\$325,000	\$325,000	\$325,000	\$325,000	\$325,000	\$0	\$1,300,000
6686	ROCK CREEK MISCELLANEOUS UPGRADES	\$59,374	\$10,000	\$20,000	\$10,000	\$10,000	\$10,000	\$3,350,000	\$3,750,000	\$0	\$7,120,000
6894	ROCK CREEK SOLIDS DEWATERING	\$842,811	\$7,000,000	\$5,400,000	\$1,950,000	\$1,950,000	\$0	\$0	\$0	\$0	\$1,950,000
6969	ROCK CREEK SOLIDS DEWATERING	\$387,606	\$450,000	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7012	ROCK CREEK CHLORINE CONTACT BASIN # 4	\$309,725	\$1,750,000	\$1,100,000	\$4,250,000	\$11,250,000	\$0	\$0	\$0	\$0	\$15,500,000
7016	ROCK CREEK PRIMARY CLARIFIER # 4	\$443,561	\$175,000	\$520,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	ROCK CREEK CHEMICAL BUILDING LABRATORY	\$71,120	\$50,000	\$75,000	\$400,000	\$350,000	\$350,000	\$0	\$0	\$0	\$750,000
7024	ROCK CREEK HOT WATER SYSTEM IMPROVEMENTS	\$89,608	\$600,000	\$300,000	\$1,600,000	\$0	\$0	\$0	\$0	\$0	\$1,600,000
7054	WEST BASIN MASTER PLAN	\$68,526	\$315,000	\$545,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7090	ROCK CREEK DIGESTER # 5 & # 6 VALVES	\$37,847	\$1,150,000	\$330,000	\$800,000	\$0	\$0	\$0	\$0	\$0	\$800,000
7103	ROCK CREEK OUTFALL A STORMWATER PUMP STATION	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7108	ROCK CREEK WASTE ACTIVATED SLUDGE (WAS) PUMPING SYSTEM IMPROVEMENTS	\$38,526	\$850,000	\$850,000	\$4,150,000	\$0	\$0	\$0	\$0	\$0	\$4,150,000
7112	ROCK CREEK RECYCLED WATER IMPROVEMENTS	\$2,528,264	\$12,915,000	\$9,425,000	\$14,800,000	\$16,325,000	\$5,325,000	\$12,075,000	\$23,800,000	\$72,325,000	\$487,720,000
		\$42,474,941	\$88,295,000	\$79,951,050	\$93,560,700	\$108,832,200	\$105,411,500	\$86,843,200	\$92,933,500	\$0	\$0
		\$9,913,551	\$898,500	\$670,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		\$52,388,492	\$89,193,500	\$80,621,550	\$93,560,700	\$108,832,200	\$105,411,500	\$86,843,200	\$92,933,500	\$487,581,100	\$487,581,100
Active Projects											
Closed Projects											
All Projects											
Enterprise Asset & Technical Services											
		\$5,893,300	\$5,065,000	\$16,927,000	\$26,805,000	\$26,805,000	\$26,590,000	\$9,520,000	\$10,145,000	\$89,987,000	\$89,987,000
Fleet											
		\$385,950	\$1,013,500	\$1,688,600	\$913,000	\$982,300	\$555,000	\$808,100	\$4,948,000	\$27,833,800	\$27,833,800
Natural Systems Enhancement & Stewardship											

Home Portfolio	FY 2021 Actual	FY 2022 Budget	FY 2022 Revised	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected	FY 2027 Projected	FY 2023-2027 Projected
Regional Utility Services		\$0	\$6,830,400	\$9,536,700	\$7,955,000	\$1,400,000	\$150,000	\$100,000	\$19,141,700
Support Services		\$4,349,000	\$4,015,000	\$2,505,400	\$945,000	\$550,000	\$570,000	\$1,310,000	\$5,880,400
Utility Operations & Services		\$25,799,300	\$16,557,600	\$18,120,200	\$21,040,000	\$35,960,000	\$25,825,000	\$26,205,000	\$127,150,200
Water Resource Recovery		\$45,237,000	\$40,020,800	\$38,440,000	\$44,500,000	\$33,835,000	\$45,405,000	\$50,460,000	\$212,640,000
TOTAL		\$89,193,500	\$80,621,550	\$93,560,700	\$108,832,200	\$105,411,500	\$86,843,200	\$92,933,500	\$487,581,100

SURFACE WATER CAPITAL PROJECT LIST

Home Portfolio	FY 2021 Actual	FY 2022 Budget	FY 2022 Revised	FY 2023 Projected	FY 2024 Projected	FY 2025 Projected	FY 2026 Projected	FY 2027 Projected	FY 2023-2027 Projected
Active Projects									
Digital Solutions - Business Applications									
7022 IoT SENSOR DEPLOYMENT	\$57,776	\$118,500	\$55,000	\$170,000	\$0	\$0	\$0	\$0	\$170,000
	\$57,776	\$118,500	\$55,000	\$170,000	\$0	\$0	\$0	\$0	\$170,000
NSES - NSES Enhancement									
4944 WETLAND MITIGATION MONITORING (SWM)	\$94,075	\$125,400	\$243,000	\$199,100	\$137,500	\$167,700	\$197,900	\$145,100	\$847,300
6522 PAYMENT TO PROVIDE PROJECTS	\$13,618	\$50,000	\$10,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$135,000
6706 WEST BETHANY CREEK ENHANCEMENT	\$93,449	\$390,000	\$154,000	\$307,500	\$66,000	\$66,000	\$0	\$0	\$439,500
6927 VEGETATED CORRIDOR ENHANCEMENT	\$86,880	\$171,000	\$171,200	\$183,500	\$122,900	\$146,500	\$177,500	\$150,000	\$780,400
7130 BUTTERNUT CREEK NEAR 209TH STORMWATER MANAGEMENT APPROACH	\$0	\$65,000	\$99,000	\$96,700	\$84,700	\$198,000	\$49,500	\$181,500	\$610,400
	\$288,022	\$801,400	\$677,200	\$813,800	\$438,100	\$605,200	\$451,900	\$503,600	\$2,812,600
NSES - Plans and Studies									
7156 PROGRAMMATIC SUBBASIN & SURFACE WATER PLANNING	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
	\$0	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
NSES - Stormwater Conveyance System									
SUBBASIN & SURFACE WATER PLANNING	\$0	\$500,000	\$250,000	\$750,000	\$2,000,000	\$2,000,000	\$500,000	\$500,000	\$5,750,000
6913 CEDAR MILL/N JOHNSON PROJECT PLANNING	\$286,899	\$610,000	\$363,000	\$55,000	\$55,000	\$0	\$0	\$0	\$110,000
6990 SHERWOOD BROOKMAN/CEDAR CREEK ASSESSMENT	\$11,324	\$150,000	\$25,000	\$350,000	\$60,000	\$0	\$0	\$0	\$410,000
	\$298,223	\$1,260,000	\$638,000	\$1,155,000	\$2,115,000	\$2,000,000	\$500,000	\$500,000	\$6,270,000
Regional Utility Services - LID									
SWM LID	\$0	\$25,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
	\$0	\$25,000	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
Regional Utility Services - RUSD Managed Projects									
7123 SOUTH BULL MOUNTAIN REGIONAL STRATEGIES	\$0	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
	\$0	\$0	\$150,000	\$150,000	\$0	\$0	\$0	\$0	\$150,000
UOPS - Conveyance Engr - Replacement and Renewal (Fleet)									
6838 SWM LIGHT & MEDIUM DUTY VEHICLE REPLACEMENT	\$0	\$163,000	\$0	\$151,200	\$71,500	\$0	\$82,200	\$0	\$304,900
	\$0	\$163,000	\$0	\$151,200	\$71,500	\$0	\$82,200	\$0	\$304,900
UOPS - Conveyance Engr - Stormwater Conveyance System									
103RD TO 106TH AVE STORM IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
108TH & LOST PARK STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$50,000	\$100,000	\$300,000	\$450,000

Home Portfolio	FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
	Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
165TH & FLORENCE STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
177TH & RICHARD CT STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
192ND & BLAINE TER. STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
195th AND FARMINGTON STREAM ENHANCEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
209TH & BLANTON	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$275,000	\$400,000	\$700,000
209TH AND KINNAMAN ST STORM IMPROVEMENTS	\$0	\$25,000	\$0	\$0	\$0	\$350,000	\$250,000	\$0	\$0	\$600,000
77TH (BH HWY TO BROADMOOR TERR) STORM IMP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81ST PLACE & MILLER RD STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
84TH CT AND COPELAND ST OUTFALL RETROFIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ARRANMORE WAY NEAR MONTCLAIR ELEMENTARY STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BUTTERNUT CK ENHANCEMENT AT BALES POND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CEDAR HILLS BLVD STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000	\$650,000	\$0	\$675,000
EDGEWOOD & JENKINS WQF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FARMINGTON ROAD & 204TH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FEDERAL AGENCY LIAISON PERMITTING SUPPORT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
FLOW DATA COLLECTION & ANALYSIS	\$0	\$125,000	\$0	\$125,000	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$325,000
HOMEWOOD (LAURELWOOD TO 88TH)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JAMIESON ROAD STORMWATER IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JAY ST & BURLINGTON/BOWERMAN DR WQF RETROFIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
JAYLEE ST AND 189TH STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
KING CHARLES AND QUEEN MARY STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LAIDLAW CULVERT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LANDAU & 85TH STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LANEWOOD ST & SW DELMONT AVE WQF RETROFIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MADRELINE & 186TH PL STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
MAUI & 90TH STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
MEYERS FARM PS WQF PROJECT	\$0	\$0	\$0	\$25,000	\$175,000	\$150,000	\$150,000	\$0	\$0	\$350,000
MILLER RD STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PETTYGROVE ST NEAR TERRA LINDA ELEMENTARY STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
PORTLAND REGIONAL AREA RAINFALL PATTERN STUDY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PRELIMINARY SUBBASIN & SURFACE WATER PLANNING	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
QUEEN MARY AVE STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Home Portfolio										
	FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
	Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
ROSA RD AND FARMINGTON RD STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000	\$0	\$425,000
ROSA ROAD AND 185TH STORM IMP										
SCIENCE PARK DRIVE WQF	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SKYHAR DRIVE STORM IMPROVEMENTS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SOIL INFILTRATION EVALUATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SOUTHWOOD DR STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$450,000	\$500,000
STATE AGENCY LIAISON PERMITTING SUPPORT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
STORM IMPROVEMENTS ON BRENTWOOD ST, 78TH AVE, LAUREL ST & LAURELWOOD AVE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SW DANA CT NEAR 213TH	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SW PARKVIEW AVE TO MIDEA LANE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SW PARRWAY DR	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TV HWY AT 192ND AVE STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
YORK AND 192ND	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4945 SWM SMALL WORKS / STORM MASTER PROJECT	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$450,000
6190 DISTRICT SHARE OF DEVELOPMENT PROJECTS	\$0	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
6237 STORMWATER OUTFALL RETROFIT PROGRAM	\$11,832	\$55,000	\$25,000	\$15,000	\$15,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,015,000
6346 STORM SEWER DRAINAGE PROJECTS	\$2,346	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
6705 TUALATIN RIVER URBAN STORMWATER TOOL CALIBRATION	\$126,418	\$100,000	\$100,000	\$100,000	\$100,000	\$20,000	\$10,000	\$10,000	\$10,000	\$150,000
6707 ABBEY CREEK WEST TRIB BASIN 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6806 STORMWATER CONV REAL TIME CONTROL	\$24,777	\$50,000	\$50,000	\$50,000	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000	\$650,000
6807 TUALATIN-SHERWOOD RD WQF RETROFIT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6910 BUTTERNUT CK ENHANCEMENT AT WITZIG	\$657,253	\$40,000	\$40,000	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$0
6911 RESERVOIR ABBEY CREEK WEST- REACH C - RTC PROJECT	\$0	\$150,000	\$5,000	\$0	\$0	\$200,000	\$0	\$0	\$0	\$200,000
6929 STORMWATER TOXICITY SOIL MIX ANALYSIS	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6964 209TH & ALEXANDER STORM IMPROVEMENT	\$0	\$50,000	\$10,000	\$0	\$0	\$2,010,000	\$0	\$0	\$0	\$2,010,000
6979 PILOT STORMWATER RECHARGE PROJECT	\$61,257	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7001 177TH & VINCENT STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7004 BLANTON PIPED CONVEYANCE	\$1,389,831	\$20,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7005 69TH & RAILROAD STORM IMP AND WOOD CREEK ENHANCEMENT	\$90,146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7008 PAMELA CT STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$25,000	\$250,000	\$500,000	\$0	\$775,000
7014 JOHNSON AND AUGUSTA STORM IMPROVEMENT	\$105	\$0	\$0	\$0	\$0	\$375,000	\$300,000	\$0	\$0	\$675,000
7078 209TH AND INDUSTRIAL DR STORM IMPROVEMENTS	\$946	\$50,000	\$0	\$0	\$0	\$0	\$0	\$150,000	\$300,000	\$450,000

Home Portfolio		FY 2021	FY 2022	FY 2022	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2023-2027
		Actual	Budget	Revised	Projected	Projected	Projected	Projected	Projected	Projected	Projected
7079	185TH NEAR EWEN DR STORM IMPROVEMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	\$250,000
7093	198TH AVE STORMWATER TREATMENT REAL TIME CONTROL	\$9,382	\$220,000	\$40,000	\$0	\$0	\$310,000	\$0	\$0	\$0	\$310,000
7125	RALEIGH SWIM PARK HALL CREEK	\$0	\$80,000	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0	\$80,000
7154	ENHANCEMENT CEDAR HILLS PH3 STORM IMPROVEMENT-WALKER AND WESTFIELD STORM IMPROVEMENT	\$0	\$0	\$15,000	\$25,000	\$1,050,000	\$0	\$0	\$0	\$0	\$1,075,000
		\$2,374,293	\$1,200,000	\$435,000	\$545,000	\$5,390,000	\$1,935,000	\$3,035,000	\$3,135,000	\$14,040,000	
UOPS - Field Ops - Field Operations											
	SWM SYSTEM IMPROVEMENTS	\$0	\$0	\$0	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$400,000
6799	STORM CMP CONVEYANCE REHAB	\$145,434	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
6975	ARBOR LAKES DECANT VAULT SITE IMPROVEMENT	\$28	\$10,000	\$0	\$10,000	\$125,000	\$95,000	\$0	\$0	\$0	\$230,000
7087	STORM SEWER REHABILITATION	\$63,253	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
		\$208,715	\$210,000	\$200,000	\$290,000	\$405,000	\$375,000	\$280,000	\$280,000	\$280,000	\$1,630,000
UOPS - Field Ops - Fleet											
6222	SWM LIGHT & MEDIUM DUTY VEHICLE ADDITIONS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6304	SWM HEAVY VEHICLE ADDITIONS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
UOPS - Field Ops - Replacement and Renewal (Fleet)											
6839	SWM HEAVY VEHICLE REPLACEMENT	\$644,786	\$165,000	\$0	\$183,000	\$0	\$0	\$165,000	\$570,000	\$345,000	\$1,263,000
		\$644,786	\$165,000	\$0	\$183,000	\$0	\$0	\$165,000	\$570,000	\$345,000	\$1,263,000
Active Projects		\$3,871,815	\$4,442,900	\$2,655,200	\$3,983,000	\$8,944,600	\$5,605,200	\$5,444,100	\$5,288,600	\$29,265,500	
Closed Projects		\$148,319	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
All Projects		\$4,020,134	\$4,442,900	\$2,655,200	\$3,983,000	\$8,944,600	\$5,605,200	\$5,444,100	\$5,288,600	\$29,265,500	
Natural Systems Enhancement & Stewardship											
	Fleet		\$165,000	\$0	\$334,200	\$71,500	\$165,000	\$652,200	\$345,000	\$1,567,900	
	Regional Utility Services		\$801,400	\$1,815,200	\$2,468,800	\$3,053,100	\$3,105,200	\$1,451,900	\$1,503,600	\$11,582,600	
	Support Services		\$0	\$150,000	\$175,000	\$25,000	\$25,000	\$25,000	\$25,000	\$275,000	
	Utility Operations & Services		\$118,500	\$55,000	\$170,000	\$0	\$0	\$0	\$0	\$170,000	
			\$3,358,000	\$635,000	\$835,000	\$5,795,000	\$2,310,000	\$3,315,000	\$3,415,000	\$15,670,000	
	TOTAL		\$4,442,900	\$2,655,200	\$3,983,000	\$8,944,600	\$5,605,200	\$5,444,100	\$5,288,600	\$29,265,500	

GLOSSARY

Accrual basis of accounting: Method of accounting recognizing transactions when they occur without regard to cash flow timing.

Adopted Budget: See “budget phases” on page 338.

appropriation: The legal authorization to spend and collect funds. The Board of Directors adopts a Resolution and Order setting budget appropriations for the ensuing year. Expenditures cannot legally exceed appropriations, and appropriations lapse at the end of the fiscal year.

Approved Budget: See “budget phases” on page 338.

assessed value (AV): The value of a property, as determined by the Department of Assessment and Taxation. AV was used to compute the rate per \$1,000 needed to pay CWS’ general obligation debt until Fiscal Year 1997-98 when CWS chose to come off the tax rolls and retire remaining debt with fund balances and interest earnings.

assessment bond: A funding method that allowed local property owners to finance long-term debt using the credit rating of CWS, most often used for Local Improvement Districts. Formerly referred to Bancroft Bonds.

audit: The annual review and report of the financial status and procedures of CWS, performed by an outside auditor. The report addresses the financial condition of each fund and compares actual expenditure and revenues to budgeted amounts. The audit also reviews procedures for compliance with statutes.

average daily flow: The average flow in a system during a 24-hour period, expressed in million gallons per day (mgd), and determined for a multiple day period (i.e., month, quarter, year).

balanced budget: A budget in which the resources equal the requirements in every fund.

base charge: The portion of the sanitary sewer service charge based on the fixed costs of service. For an individual account it is calculated by multiplying the number of Equivalent Dwelling Units times the base rate.



basis of accounting and budgeting: For financial reporting purposes the financial statements are presented on a full accrual basis of accounting, where revenues are recorded when they are earned and expenses are recorded at the time liabilities are incurred regardless of the timing of related cash inflows and outflows.

CWS' budget is prepared on a modified accrual basis of accounting where revenues are recognized as soon as they are both measurable and available. For financial reporting and operating purposes, CWS' activities are considered to be composed of two enterprise operations and, as such, those activities are reported in two enterprise funds. However, for legal requirements set forth in Oregon Local Budget Law, CWS is required to prepare and adopt a budget by individual funds.

benchmarking: A systematic process of searching for best practices, innovative ideas and highly effective operating procedures that leads to superior performance — and then adapting those practices, ideas and procedures to improve the performance of the organization.

biosolids: The general term for all solid by products of CWS' treatment processes. The material can be used in composting, as a soil amendment or applied to farm acreage.

Board of Directors (Board): The five-member policy board for CWS, which is also the elected Board of Commissioners for Washington County.

bond rating: A rating based on the issuer's perceived ability to repay a bond debt. CWS continues to maintain favorable bond ratings with Standard and Poor's Corporation and Moody's Investors Service, which rated CWS' most recently issued long-term insured revenue bond debt at AAA and Aa1, respectively.

bonded debt: Debt in the form of general obligation or revenue bonds. Repayment is made by revenues from tax collections, operating revenues and/or capital contributions.

Budget Committee: The Board of Directors and five community representatives appointed by the Board to review the Proposed Budget. Their action on the Proposed Budget results in the Approved Budget.

budget phases: Local budget law and CWS procedures require that the adopted budget for each fiscal year be the result of a three-step process that requires input by the Board of Directors, Clean Water Services Advisory Commission, CWS management and community representatives before final appropriations are authorized. These steps are:

Proposed Budget: The document developed by CWS management based on requests for programs and appropriations from staff and reviewed by the Budget Committee in a public hearing.

Approved Budget: The Proposed Budget is reviewed, modified and developed into the Approved Budget, which is submitted to the Board of Directors for adoption following additional public hearings.

Adopted Budget: The acceptance of the Approved Budget authorizes actual appropriations. Rates and charges, staffing levels and other specific actions are adopted by the Board, in addition to the Budget Resolution.

budget resolution: The Resolution and Order adopted by the Board of Directors that sets appropriations for the ensuing fiscal year. Expenditures cannot legally exceed appropriations, and appropriations lapse at the end of the fiscal year.

Build America Bond (BAB): Taxable municipal bonds that carry special tax credits and federal subsidies for either the bond issuer or bondholder. The program expired in 2010.

Capital Improvement Program (CIP): A detailed description of projects and capital expenditures that is used to plan for financial requirements and construction needs over a five-year period. CWS' CIP includes projects needed for expanded treatment facilities, collection systems, capital replacement and for SWM facilities. The complete five-year CIP is published in a separate document, but the first year is the basis for all construction and capital outlay expenditures included in the budget in funds 106, 108, 206, 208, 112, and 212. Sometimes referred to as Capital Improvement Plan.

capital outlay: Expenditures for equipment that costs between \$5,000 and \$50,000.

chart of accounts: A coding structure that defines all financial transactions of CWS. The chart is sufficiently detailed to track individual revenues and expenditures during the fiscal year for any given project, program, division, department or fund.

city rate: See rates on page 345.

Clean Water Act: The common name of the Federal Water Pollution Control Act passed in 1972. The major objective of this Act is to restore and maintain the chemical, physical and biological integrity of the nation's waters. The Environmental Protection Agency administers this Act.

Clean Water Institute (CWI): Clean Water Institute is a separate legal entity organized as a 501(c)(3) nonprofit. CWI is considered a component unit of Clean Water Services, but is not reported in its financial statements because transactions between CWS and CWI are deemed immaterial. CWS provides staff and resources for administrative support to CWI. CWI reimburses for these services under the Operating Agreement and related revenues are reported in Fund 101 as Miscellaneous Revenues (40200-42000). No CWS staff draws a salary or benefits from CWI.

Clean Water Insurance Company (CWIC or the Captive): On February 16, 2016, the Clean Water Services Board of Directors instructed CWS to form Clean Water Insurance Company, a wholly owned subsidiary of CWS, domiciled in the state of Hawaii. CWS is the sole member of this captive insurance company. The Captive is a registered limited liability company formed to advance long-term risk management program savings through the use of a formalized self-insurance program that can access the reinsurance markets for additional seismic coverages as well as provide a potential for funding of loss prevention and mitigation projects to further protect CWS assets or recover from a seismic event. Insurance exposures covered by the Captive include the nonrepresented employee self-insurance dental and vision plans, general liability self-insured retention of \$50,000, automobile liability self-insured retention of \$50,000, property damage self-insured retention of \$5 million, and uninsured risk within these categories up to policy limits.

Clean Water Services Advisory Commission (CWAC): A 15-member commission appointed by the Clean Water Services Board of Directors. CWAC provides policy and program analysis and interpretation to CWS and acts as a point of appeal for CWS policy.

Community Engagement Liaisons Services: An organization that provides language, cultural contextualization and interpretation services for government and private entities that help improve communication, understanding and civic engagement. The program is dedicated to providing underserved communities with consistent training and active involvement with local agencies, associations and partners. Services include engagement, facilitation, translation and subject matter resources.

competitiveness: A CWS initiative intended to ensure Clean Water Services provides unparalleled value in the services we provide our customers.

connection fee (sanitary): A fee charged by CWS to recover expenditures for treatment and collection facilities. The funds are placed in the Capital Reserve Fund (107) and transferred to the Sanitary Sewer Construction Fund (112) and other funds to support improvements to the system. Also referred to as a System Development Charge (SDC).

connection fee (storm and surface water): Similar to the sanitary fee, the charge supports construction of systems designed to collect surface water runoff (e.g., culverts, detention ponds). Also referred to as fee in lieu of constructing on-site facilities. Also referred to as a System Development Charge (SDC).

consumption based rates (CBR): The rate structure implemented by CWS on July 1, 1994, that incorporates a customer's preceding winter water consumption into the calculation of sanitary sewer bills on the ensuing fiscal year.

contingency: An estimated appropriation in each fund where operations may necessitate spending during the year on items not specifically identified and included in the current budget. Contingency funds must be transferred to another appropriation category via Board resolution or the supplemental budget process prior to expending.

cubic feet (ccf): 100 cubic feet equals 748 gallons, a measure of volume commonly used by the water industry.

debt service: The repayment of any loan, bond or other borrowing

Department of Environmental Quality (DEQ): A department in Oregon state government under the direction of the Environmental Quality Commission and charged with seeking enforcement of state air and water pollution laws.

discretionary resources: Funds that can be spent for virtually any purpose, unlike a grant, which must be spent on a specific project. Discretionary resources may be appropriated for any purpose within the restrictions set by the Budget Committee, local budget law and the Board of Directors.

District: Acceptable second reference for Clean Water Services, generally in legal documents.

effluent: The cleaned wastewater flowing out of sewage treatment plants.

Endangered Species Act (ESA): The Endangered Species Act is federal legislation passed in 1973 designed to protect any species that is in danger of extinction throughout all or significant portion of its range. The U.S. Fish and Wildlife Service and the National

Marine Fisheries Service share responsibility for administration of the ESA.

enterprise fund: A fund established to account for operations that are financed and operated in a manner similar to private business enterprises. The fund is usually self-supporting. Examples of enterprise funds are those for swimming pools, airports and parking garages.

Environmental Protection Agency (EPA): An independent agency in the executive branch of the federal government charged with protecting the environment. Primary functions are to abate and control pollution, conduct research, monitor, set standards and enforce pollution control, and support research and antipollution activities by other governmental, private and public entities.

Equivalent Dwelling Unit (EDU): An average number of fixtures (e.g., sinks) in a residence, which is used to estimate the strength and flow from any type of customer. EDUs are the basis for the base portion of the sanitary sewer service charge.

Equivalent Service Unit (ESU): The average amount of impervious surface on a single-family residential property (currently equal to 2,640 square feet). Used to calculate the surface water management connection fee and service charge.

expenditure: The cost to CWS of goods or services utilized.

facilities plan: Comprehensive plan that reports technical solutions, public values and programs for the long-term achievement of CWS' mission. The plan was updated in Fiscal Year 2008-09.

Fiscal Year (FY): The period from 12:01 a.m. July 1 to midnight the following June 30.

flow: The continuous movement of liquid from one place to another.

flow meter: A device to measure the amount of flow entering or leaving a particular process.

force main: A pipe that carries wastewater under pressure from a pump to a point of gravity flow downstream.

franchise fee: A fee paid by CWS to co-implementer cities to operate within their corporate boundaries.

fund: An independent budgetary, fiscal and accounting entity used to track the expenditure and collection of appropriations for a specified purpose. CWS has 13 budgetary funds for operations, reserves, debt management and construction. Eight of the funds make up the CWS' Sanitary Sewer Service enterprise operation, while the remaining five funds constitute the surface water

management enterprise operation. However, for financial statement reporting purposes, a single unitary disclosure is provided for all budgetary funds.

fund balance: In the case of funds subject to budgetary accounting (which is the case for all the CWS funds), fund balance represents the excess of the fund's assets and estimated revenues over its liabilities, reserves and appropriations for the period.

General Fund: The main operating fund used to account for all financial resources, except those required to be accounted for in another fund.

general obligation debt: Long-term debt that is backed by credit and can be paid by assessment of property taxes.

Geographic Information System (GIS): An information management system based on the geography of an area.

gravity flow: Wastewater flowing by gravity from a higher to a lower elevation.

impeller: A rotating set of vanes in a pump that pumps or lifts water.

infiltration: The water entering a sewer system and service connections through defective pipes, pipe joints, connections, manhole walls, etc. Infiltration does not include inflow.

inflow: The water discharged into a sewer system and service connections from roof leaders, cellar, yard and area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections, catch basins, storm waters, surface runoff, etc. Inflow does not include infiltration.

inflow and infiltration (I/I): Inflow and Infiltration, where infiltration is when groundwater enters sanitary sewers through defective pipe joints and broken pipes and inflow is when water enters sanitary sewers from inappropriate connections, causes dilution in sanitary sewers, decreases treatment efficiency, and may cause sewage volumes to exceed design capacity.

influent: Water, wastewater or other liquid flowing into a reservoir, basin or treatment plant.

local rate: See rates on page 345.

Low Impact Development Approaches (LIDA): A stormwater management approach that seeks to mitigate the impacts of increased runoff using a set of planning, design and construction approaches and stormwater management practices that promote the use of natural systems for infiltration, evapotranspiration, and reuse

of rainwater, and can occur at a wide range of landscape scales.

manhole: An opening in a sewer provided to allow operators or equipment to enter or leave the sewer.

Master Plan Study: The first Master Plan Study was prepared in 1969 to support CWS' formation. CWS' capital improvement program for the first 16 years was based on that study. In general, the term refers to any capital program plans adopted and approved by the Board of Directors.

Master Plan Update Study: In 1985 CWS retained an engineering firm to update the original Master Plan Study. This update focused on CWS' capital requirements for 1985-2005 based on land use regulations and projected development.

materials and services: Expenditure category including contractual services (such as attorney or accountant fees), materials (such as office supplies, fuel, or repair parts), and other operating expenses (such as utilities, lease payments).

Metro: An elected regional government that provides regionwide planning and coordination to manage growth, infrastructure, and development issues that cross jurisdictional boundaries.

Minute Order (MO): The Board's approval of Board items that only have a memo and no attached Resolution and Order. It's called a Minute Order because the action taken is entered into the minutes of the Board.

Municipal Separate Storm Sewer System (MS4): Includes ditches, curbs, gutters, storm sewers, pipes, tunnels, storm drains and similar means of collecting or conveying runoff that does not connect with a wastewater collection system or treatment plant, discharges into waters of the U.S., and is owned and maintained by a public, "municipal" agency.

National Pollutant Discharge Elimination System (NPDES): Section 402 of the Clean Water Act. The national program for issuing, modifying, revoking and reissuing, terminating, monitoring, and enforcing permits for discharge of pollutants into waterways. An NPDES permit is issued to all point source dischargers. The NPDES permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. Individual homes that are connected to a municipal system, use a septic system, or do not have a surface discharge do not need an NPDES permit; however, industrial, municipal and other facilities must obtain permits if their discharges go directly to surface waters.

nutrients: A general term for the components of wastewater that

contribute to the growth of plants, including algae and agricultural crops.

object code: The accounting category to which an expenditure or revenue should be charged (e.g., Operating Supplies).

Oregon Association of Clean Water Agencies (ACWA): A private, not-for-profit organization that serves Oregon wastewater treatment and stormwater management agencies and their consultants.

Oregon Revised Statutes (ORS): Codified laws of the State of Oregon published every two years. Each edition incorporates all laws, and changes to the laws, enacted by the Legislative Assembly.

Other Personnel Expense (OPE): Includes wage-related taxes and benefits and the cost of medical insurance for employees. The item is included in each Program Expenditure Summary Table.

overflow: Leak or spill of sewage out of the sewage collection system.

pay plan: Plan specifying the rate of pay for each job classification and employee.

Personnel Services: Expenses related to the compensation of salaried employees, such as health insurance and Social Security.

potable water: Water that is considered safe for domestic consumption.

processing treatment plant: The treatment plant that treats the sewage from a pump station.

project: A budget unit relating to a defined set of improvements or a study.

project number: An identification number assigned to a project.

Proposed Budget: See “budget phases” on page 338.

pump station: A pumping facility that lifts the wastewater flow to a high enough elevation that it can flow by gravity.

rates:

regional rate: CWS sets the regional rates, which are charged to all customers in the Tualatin River Watershed. The regional sanitary sewer rate supports the operation, maintenance and investment in pipes, pumps and water resource recovery facilities. The regional surface water management rate supports watershed restoration, and constructing and maintaining regional stormwater facilities.

local rate: CWS sets local rates, which are charged to residents of unincorporated Washington County and the cities of Banks, North Plains, Gaston, King City and Durham. The local sanitary sewer rate supports operation and maintenance of the local collection system and 24-hour emergency response. The local surface water management rate supports services such as sweeping streets and maintaining water quality facilities.

city rate: The seven large cities — Beaverton, Cornelius, Forest Grove, Hillsboro, Sherwood, Tigard and Tualatin — each set their own local rates and fees to deliver local services and meet local needs.

reasonable rates: CWS measures reasonable rates when comparing current rates for a household that uses a winter average of 800 cubic feet of water (ccf) to comparable utilities in the region and to the EPA Wastewater Affordability Index. EPA criteria for reasonable rates is based on a Median Household Income Index. A sanitary sewer rate less than 1% of median household income is considered to be a low burden to the ratepayer; less than 2% of median household Income is considered to be a medium burden to the ratepayer.

regional rate: See rates on page 345.

representative sample: A sample that is nearly identical in content and consistency to the larger body of material being sampled.

reserves: Refers to the segregation of a portion of fund balance for specific purposes.

Resolution and Order (R&O): The Board’s approval of the Board item and attached R&O. The R&O sets forth statements of fact that explain the Board’s reasoning supporting the action being taken.

resource: Estimated beginning funds on hand plus anticipated receipts.

restricted fund balance: Any portion of ending fund balance of which the use is subject to externally enforceable legal restrictions imposed by creditors, grantors, contributors, laws or regulations of other governments.

revenue bond: Long-term debt paid by annual receipts. CWS’ revenue bond is paid with service charge and connection fee revenues.

ripl (Research+Innovation+Partners+ Labs): ripl is the research and innovation CWS does in service to clean water solutions. ripl is also a building.

sample point: A specific point in a stream, creek or river where consistently representative samples can be taken.

service connections: The physical connection of a customer to the sanitary or surface water management systems by a pipe, culvert or drainage way.

sewage: The waste and wastewater produced by residential and commercial sources and discharged into sewers.

sewer: A pipe or conduit that carries wastewater or drainage water.

sewerage: The system of sewage collection and treatment works.

sludge: Solid matter that settles to the bottom of sedimentation tanks.

Storm and Surface Water Management Plan (SWMP): The plan unanimously approved on July 27, 1989, by the Portland Metropolitan Area Local Government Boundary Commission designating CWS as the regional stormwater service provider within CWS boundaries. The plan addressed existing and future stormwater quality and quantity issues in CWS' service area. Elements of the plan are:

- A comprehensive maintenance program.
- Watershed planning.
- Engineering.
- Public information.
- Financial management.
- Legal support.

storm sewer: A separate pipe, conduit or open channel that carries runoff from storms, surface drainage and street wash.

Strategic Information System Plan (SISP): A master plan for the development and implementation of CWS' information technology system to ensure that the proper systems and support are in place to meet current and future information technology needs. A SISP requires developing the business process models that will define the business information needs. The SISP also includes development of the information technology architecture model and hardware/software standards, as well as a capital budget and implementation schedule.

Supplemental Budget: A financial plan adopted during a budget period to meet unexpected needs or to appropriate revenues not anticipated when the regular budget was adopted. It cannot be used to authorize a tax.

System Development Charge (SDC): See “connection fee” on page 341.

Title 3: The Stream and Floodplain Protection Plan, a section of Metro’s Urban Growth Management Functional Plan. The plan requires local jurisdictions to meet regional performance standards relating to water quality and floodplain management. Key elements of Title 3 compliance are contained in CWS’ Design and Construction Standards.

Total Maximum Daily Load (TMDL): A quantitative expression of the amount of a pollutant that can be present in a waterbody without causing an impairment of the applicable water quality standard for any portion of that water. TMDL updates are based upon the river meeting water quality standards and the discharges from the treatment plants as the region grows. The Tualatin River TMDL established requirements for controlling total phosphorus at the Rock Creek, Durham and Forest Grove facilities to prevent summer algal blooms that caused high pH levels in the lower Tualatin River. The TMDL was initially developed and issued by the Oregon Department of Environmental Quality (DEQ) in 1988. The phosphorus TMDL was updated in 2001 to account for background phosphorus levels in the basin and in 2012 to enable discharge from the Forest Grove treatment facility and the Natural Treatment System. CWS uses a combination of biological treatment processes (bio-P) and chemical addition (alum) to meet the total phosphorus limits.

treatment:

primary: The treatment process that removes a substantial portion of solids in the wastewater in settling basins.

secondary: Treatment after the primary treatment that adds biological processes to reduce the pollution loading. This treatment mixes oxygen with the wastewater. Three common types of secondary treatment facilities are trickling filters, activated sludge tanks and waste stabilization ponds.

tertiary: Treatment after secondary treatment that uses physical, chemical or biological processes to refine the effluent. The processes may include coagulation and sedimentation, filtration and other chemical processes to further reduce nutrients in the wastewater.

Tualatin River Farm: Tualatin River Farm is located at 4490 SW Minter Bridge Road in Hillsboro. The facility provides space for the core business needs of Natural Systems Enhancement & Stewardship — native plant handling and growing facilities,

structures, irrigation, storage, propagation and office spaces.

unappropriated ending fund balance: Unappropriated ending fund balances are requirements, but are not appropriated expenditures. According to Oregon local budget law, ending fund balances and reserves for future expenditures must be included in the totals for each fund in the publication of the budget's financial summary. This amount cannot be transferred by resolution or used through a supplemental budget, unless necessitated by a qualifying emergency. The purpose of estimating an unappropriated fund balance is to provide a cash or working capital balance with which to begin the following year.

urban unincorporated area (UUA): Areas of the county that are not governed by a city.

use: The portion of the sanitary sewer charge that is based on a customer's water consumption.

vertical flow wetlands: CWS is studying vertical flow wetland (VFW) technology to create an alternative, low-cost treatment system to remove ammonia. Ammonia presents a widespread water quality challenge because it is costly to remove at traditional biological treatment facilities. The technology is being developed and demonstrated as a full-scale pilot at the Forest Grove Resource Recovery Facility and the Fernhill wetlands.

wastewater: The used water and solids from homes and businesses that flow to a water resource recovery facility.

wet well: A compartment or tank where wastewater is collected. The suction pipe of a pump may be connected to the wet well or a submersible pump may be located in the wet well.

winter period: The period from October 23 through May 7 that is used to determine winter water use for the consumption-based rate structure. Water consumption during this period is used to calculate the sewer use portion for the following year.

working capital: Funds based on the difference between estimated revenues to be received and the amount expected to be spent.

ABBREVIATIONS

ABC	Administrative Building Complex
acre-ft	acre feet
ACFR	Annual Comprehensive Financial Report
ACWA	Association of Clean Water Agencies
APWA	American Public Works Association
ASR	aquifer storage and recovery
AWWA	American Water Works Association
BAB	Build America Bond
BES	(City of Portland) Bureau of Environmental Services
BITC	Billing Information Technical Committee
BMP	Best Management Practice
BOD	biological oxygen demand or Board of Directors
BOR	(United States) Bureau of Reclamation
BP	best practice
BPI	business process improvements
BPR	business process reengineering or biological phosphorus removal
BRJOC	Barney Reservoir Joint Ownership Commission



BSD	Business Services Department
CAD	computer-aided design
CBOD	carbonaceous biological oxygen demand
ccf	100 cubic feet (unit of volume often used for water)
CEM	community engagement master contract
CEO	Chief Executive Officer
CFO	Chief Financial Officer
CIP	Capital Improvement Program (or Plan)
CMMS	computer maintenance management system
COE	(U.S. Army) Corps of Engineers
COO	Chief Operating Officer
COS	Chief of Staff
COSA	Cost of service analysis
CSO	Chief Strategy Officer
CURO	Chief Utility Relations Officer
CPO	Citizen Participation Organization
CWAC	Clean Water Services Advisory Commission
CWI	Clean Water Institute
CWIC	Clean Water Insurance Company (or the Captive)
CWS	Clean Water Services
DEQ	(Oregon) Department of Environmental Quality
DM	Durham
DSL	(Oregon) Division of State Lands
E & IC	Electrical and Instrumentation Controls
EATS	Enterprise Asset & Technical Services Department
EDI	equity, diversity, and inclusion
EDU	Equivalent Dwelling Unit
ENR	Engineering News Record
EOM	Electronic Operations Manual
EPA	(United States) Environmental Protection Agency
EQC	(Oregon) Environmental Quality Commission
ESA	Endangered Species Act

ESU	Equivalent Service Unit
ETO	Energy Trust of Oregon
FG	Forest Grove
FMIS	Financial Management Information System
FO	Field Operations
FOG	fats, oils, and grease
FOT	Friends of Trees
FSE	food service establishment
FTE	full-time equivalent
FY	fiscal year
GAAP	generally accepted accounting principles
GASB	Governmental Accounting Standards Board
GFOA	Government Finance Officers Association
GHG	greenhouse gas
GIS	geographic information system
GPD/gpd	unit of flow measurement in gallons per day
GPM/gpm	unit of flow measurement in gallons per minute
HB	Hillsboro
HRIS	human resources information systems
HVAC	heating, ventilation, air conditioning
I&I or I/I	inflow and infiltration
IDDE	illicit discharge detection and elimination
IGA	intergovernmental agreement
IoT	Internet of Things
IWRM	Integrated Water Resources Management
JWC	Joint Water Commission
KOI	Key Outcome Indicator
KPI	Key Performance Indicator
KSO	Key Strategic Outcome
kWh	kilowatt hour
LA	load allocation
LEBO	limited eligibility buyout

LEED	Leadership in Energy and Environmental Design
LID	Local Improvement District
LIDA	Low Impact Development Approaches
LiDAR	Light Detection and Ranging
LIMS	Laboratory Information Management System
LSI	local sewer improvement
MGD/mgd	million gallons per day
MO	Minute Order (Board item)
MOU	memorandum of understanding
MS4	municipal separate storm sewer system
N/A	Not available or does not apply
NEDC	Northwest Environmental Defense Center
NPDES	National Pollutant Discharge Elimination System
NSES	Natural Systems Enhancement & Stewardship Department
NTS	natural treatment system
O&M	operations and maintenance
OAR	Oregon Administrative Rules
ODFW	Oregon Department of Fish and Wildlife
OGFOA	Oregon Government Finance Officers Association
OGM	Office of the General Manager
OPE	Other Personnel Expense
ORS	Oregon Revised Statutes
PE	Performance Excellence or Professional Engineer
PERS	Public Employee Retirement System
PGE	Portland General Electric
PLC	programmable logic controller (used to control a variety of functions with multiple inputs)
PM	project manager
PNPCA	Pacific Northwest Pollution Control Association
PSI/psi	pounds per square inch (pressure measurement)
PSU	Portland State University
R&O	Resolution and Order

RAD	Regulatory Affairs Department
RC	Rock Creek
RD	Reimbursement District
ripl	Research+Innovation+Partners+ Labs.
RSMC	Regional Stormwater Management Charge
RUSD	Regional Utility Services Department
SCADA	supervisory control and data acquisition systems
SDC	System Development Charge
SISP	strategic information systems plan
SOD	soil oxygen demands
SOP	standard operating procedure
SS	suspended solids
SSES	sewer system evaluation survey
SSO	sanitary sewer overflow
SWM	Surface Water Management
TB-PAC	Tualatin Basin Public Awareness Committee ("Partners for Clean Water")
TDS	total dissolved solids
TFA	Tree for All
TGAT	Tualatin Geomorphic Assessment Tool
THPRD	Tualatin Hills Park & Recreation District
TMDL	Total Maximum Daily Load
TPS	Treatment Plant Services
TRWC	Tualatin River Watershed Council
TSS	total suspended solids
TSWCD	Tualatin Soil and Water Conservation District
TVID	Tualatin Valley Irrigation District
TVWD	Tualatin Valley Water District
TWEC	Tualatin Watershed Enhancement Collaborative
TWC	The Wetlands Conservancy
UAS	unmanned aircraft system, uncrewed aircraft system, drone
UGB	Urban Growth Boundary

UOPS	Utility Operations & Services Department
URMD	Urban Road Maintenance District
USA	Unified Sewerage Agency
USGS	United States Geological Survey
UUA	urban unincorporated area
WASSTRIP	Waste Activated Sludge Stripping to Remove Internal Phosphorus
WEF	Water Environment Federation (formerly WPCF or Water Pollution Control Federation)
WES	Water Environment Services (of Clackamas County)
WLA	waste load allocation
WQ	water quality
WRD	(Oregon) Water Resources Department
WRI	Willamette Restoration Initiative
WRRD	Water Resources Recovery Operations & Services Department

