

Seattle Public Utilities

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Department Overview

Seattle Public Utilities (SPU) provides reliable, efficient and environmentally conscious utility services to enhance the quality of life and livability in all communities SPU serves. SPU operates three distinct utilities: Drainage and Wastewater, Solid Waste, and Water. The three utilities each have unique revenue sources and capital improvement projects but share many operations and administration activities within SPU and the City.

Drainage and Wastewater: The Drainage and Wastewater Utility collects and disposes or discharges storm runoff and wastewater from residences, businesses, institutions and public properties within the City. In addition to handling sewage and storm water runoff, Drainage and Wastewater works with other government agencies and private parties to address Federal EPA-mandated sediment cleanup projects where contamination is linked to storm water or sewage, such as Gas Works Park and the Lower Duwamish Waterway. The Drainage and Wastewater systems include approximately 448 miles of separated sanitary sewers, 968 miles of combined sewers, 481 miles of storm drains, 68 pump stations, 84 permitted combined sewer overflow outfalls, 290 storm drain outfalls, 578 water quality structures, 295 drainage flow control facilities, and 38 combined sewer overflow control detention tanks and pipes.

Solid Waste: The Solid Waste Utility collects and processes recycling, compostables, and residential and commercial garbage to promote public health and safety, quality of life, and environmental stewardship. The City owns and operates two transfer stations, two household hazardous waste facilities, a fleet of trucks and heavy equipment, and several closed landfills. The Solid Waste Capital Improvement Plan (CIP) supports the transfer stations, heavy equipment, and post-closure projects on landfills previously used by the City. In addition, SPU contracts with private companies who collect household refuse, compostable material, and recyclables. The companies deliver the material to recycling and composting facilities and to transfer stations for its ultimate processing or disposal. In concert with its waste handling and disposal activities, Solid Waste engages its customers in environmental sustainability programs that promote recycling, composting and reducing waste generation. Solid Waste also works to keep Seattle clean, by targeting illegal dumping, automobile abandonment, graffiti removal and providing public litter cans and recycling bins across Seattle.

Water: The Water Utility provides reliable, clean, and safe water to more than 1.5 million customers in and around Seattle for consumption and other uses. The water delivery system extends from Edmonds to Des Moines and from Puget Sound to Lake Joy near Duvall. SPU delivers water directly to its customers in Seattle and adjacent areas and provides wholesale water to 21 suburban water utilities and interlocal associations for distribution to their customers. The Water Utility includes 1,800 miles of pipeline, 30 pump stations, two primary water treatment plants, 11 booster chlorination facilities, three wells and 104,000 acres in two watersheds. The Utility builds, operates, and maintains the City's water infrastructure to ensure system reliability, to conserve and enhance the region's environmental resources, and to protect public health and safety. SPU engages the community in conservation efforts to reduce water consumption.

SPU monitors its funds using Council-adopted financial performance metrics developed in advisement with external financial advisors. These metrics include net income, cash balances, cash contributions to CIP, debt service coverage (a measure of revenue available to fulfill annual debt service obligations), and, for the Drainage and Wastewater Fund, debt to asset ratio. Based on these metrics, among other factors, rating agencies have assigned all three of funds with strong, investment grade bond ratings in line with peer west coast utilities, noting specifically elected officials' commitment to sound financial management and a history of adopting prudent rates. Water bonds are rated AA+ and Aaa, Drainage and Wastewater bonds are rated AA+ and Aa1, and Solid Waste bonds are rated AA+ and Aa3 by S&P and Moody's, respectively. Strong ratings help to minimize borrowing costs and, in turn, customers'

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bills into the long-term.

Budget Snapshot

	2020 Actuals	2021 Adopted	2022 Proposed
Department Support			
General Fund Support	13,054,811	20,799,276	22,343,421
Other Funding - Operating	858,420,731	958,177,560	971,657,947
Total Operations	871,475,542	978,976,836	994,001,368
Capital Support			
Other Funding - Capital	238,147,992	420,467,259	322,747,637
Total Capital	238,147,992	420,467,259	322,747,637
Total Appropriations	1,109,623,533	1,399,444,095	1,316,749,005
Full-Time Equivalents Total*	1,433.30	1,440.30	1,477.30

* FTE totals are provided for informational purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here

Budget Overview

The 2022 Proposed Budget for Seattle Public Utilities (SPU) maintains SPU's role of providing essential services to Seattle residents and businesses during this period of economic and public health challenges. As a result of the COVID-19 pandemic, SPU has worked to support customers in need of financial assistance and has provided crucial public hygiene services for the unsheltered population. Due to the pandemic, SPU delayed the adoption of the 2021-2026 Strategic Business Plan until 2021 as well as a scheduled water rate ordinance to keep 2021 water rates at their 2020 levels. The 2022 Proposed Budget includes adjustments based on updated financial planning as well as changes reflected in capital planning. The net impact of these changes decreases SPU's Proposed Budget by \$84 million.

Strategic Business Plan Overview

In 2021, the city adopted the 2021-2026 Strategic Business Plan that guides the Utility's operations and investments. This updated plan reduced the growth of rates across all lines of business from 5.2% to 4.2 % annually, an approximately 20 percent reduction. A nine-member Customer Review Panel oversaw the development of the plan. The new plan sets a transparent and integrated direction for all SPU utilities and contains projected six-year rate paths for water, drainage, wastewater, and solid waste lines of business. SPU will continue with programmatic reprioritization, efficiency improvements, and refinement of the CIP and operating budgets outlined in the 2021-2026 plan to streamline utility services and deliver on regulatory requirements.

Drainage and Wastewater Highlights

The city adopted Drainage and Wastewater Rates in September 2021 that are lower than the endorsed rates from the 2021-2026 Strategic Business Plan. Drainage rates will grow by 6.0% in 2022, while wastewater rates will grow

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by 2.0%. SPU wastewater rates include King County treatment rates that are passed through to customers.

Efficiencies, Reductions, and Deferrals:

The 2022 Proposed Budget decreases the Drainage and Wastewater Operations and Maintenance (O&M) budget by \$5.4 million relative to the 2021 Adopted Budget. This reflects various technical changes related to taxes and fees, debt service, major service contracts, central costs, labor-related changes, and other miscellaneous changes.

The 2022-2027 Proposed CIP reduces the Drainage and Wastewater Fund budget by an overall \$44.8 million in 2022. This reflects updated project timelines and scope shifts as well as strategic priorities. Updates include:

- Deferring \$25.4 million in costs associated with construction of Natural Drainage System projects and the Taylor Creek Restoration Project by shifting construction from 2021 to 2022;
- Increasing by \$10.2 million funding for projects to reduce flooding, sewer backups, and landslides;
- Decreasing by \$4.5 million funding for the Ship Canal Water Quality Project due to an updated construction schedule;
- Decreasing Shared Cost Projects by \$22.6 million in 2022 with changes primarily coming from a decrease of \$10.8 million in projects related to Move Seattle and a \$11.3 million decrease from South Operations Center costs shifting from 2022 to 2023.

None of the efficiencies, reductions, or deferrals are expected to adversely affect services provided to customers or significantly change long-term goals of capital projects.

For more information on SPU's capital projects, please see the accompanying 2022-2027 Proposed CIP.

Water Highlights

The Water Line of Business delivers potable water directly to retail customers both inside the City and in adjacent areas. In 2020, retail customers provided about 75% of the Water Fund's operating revenues, with roughly equal revenues coming from residential and commercial users. SPU also delivers water to districts and agencies who then deliver water to their direct customers. This wholesaling of water represented about 20% of Water's operating revenues in 2020. The remaining revenue was generated by non-rate fees and other sources.

As a result of the COVID-19 pandemic, stay-at-home orders, and social distancing guidelines, consumption and revenue patterns have shifted dramatically since March 2020. Billed residential consumption and revenue have exceeded forecast by a considerable amount while billed consumption and revenue for General Service (commercial and multifamily residential) have been well below forecast. In total, retail consumption declined 4.7% and retail revenue declined 2.9%.

The Water Line of Business has moved away from a period of intensive capital investment in new projects and is transitioning into maintenance and improvements of the existing transmission and distribution systems. SPU will continue its efforts to complete reservoir retrofits and covering, water supply and asset preservation projects as detailed in the 2022-2027 Proposed CIP.

Due to the pandemic, SPU deferred introducing new water rates from 2020 to 2021 and did not increase rates in 2021. The City Council adopted Water Rates for 2022-2023 in September 2021. Retail water rates will increase an average of 2.6% in 2022.

Changes to the Water Fund: The 2022 Proposed Budget increases the Water O&M budget by \$10.8 million compared to the 2021 Adopted Budget. This reflects various technical changes to taxes and fees, debt service, central costs, labor-related changes, and other miscellaneous adjustments.

The 2022 Proposed Budget and 2022-2027 Proposed CIP reduces the Water Fund core and shared CIP budgets by \$11.2 million. This decrease is primarily due to a decrease of \$13.6 million in the Shared Cost Project BCL from the delay of the Center City Connector project.

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For more information on these changes, please see the accompanying 2022-2027 Proposed CIP.

Solid Waste Highlights

The Solid Waste Line of Business provides collection services to residents and businesses within Seattle. Financial support of this service is primarily generated through charges based on the amount of garbage collected from residential and commercial waste collection contracts. Solid Waste will pursue opportunities for efficiencies in service delivery as it anticipates decreased demand for services as a result of its conservation efforts to reduce solid waste and increase recycling activity.

Solid Waste Utility Rates for the 2020, 2021, and 2022 period were legislated in 2019. Rates submitted for 2020-2022 were informed by the 2018-2023 Strategic Business Plan. The approved rates included increases of 3.0% in 2020, 2.9% in 2021, and 2.9% in 2022, for an average annual increase of 3.0% over the three-year period. This is below the average Solid Waste Rate path assumed in the 2018-2023 Strategic Business plan that assumed average annual increases of 3.4% over the same three-year period. Revised solid waste rates for a 3-year period will be proposed in 2022 and will be informed by the 2021-2026 Strategic Business Plan.

As a result of the COVID-19 pandemic and stay-at-home policies, solid waste tonnage and revenue in the residential sector has climbed, while tonnage and revenue in the commercial sector has fallen.

Changes to the Solid Waste Fund: The 2022 Proposed Budget increases the Solid Waste O&M budget by \$6 million compared to the 2021 Adopted Budget. These changes represent updated projections for taxes, debt service, major service contract payments, and labor and inflation-related increases. The 2022-2027 Proposed CIP includes a \$17.8 million reduction due to costs from the South Park landfill redevelopment and South Transfer Station Phase 2 shifting from 2022 into 2024. This reflects the most current project timeline that may continue to shift as the design advances for these two projects.

For more information on these changes, please see the accompanying 2022-2027 Proposed CIP.

Shared Across All Enterprise Funds

SPU corporate functions including leadership and administration, project delivery, and customer service are shared across all three enterprise funds and allocated proportionally. These functions are included individually by fund and each line of business collects enough rate revenues to pay for these costs. Across all three Enterprise Funds, SPU will reduce the Shared CIP by \$27 million in 2022, representing shifting construction timelines, equipment purchases, and facility construction projects.

General Fund

In addition to the three utility enterprise funds, SPU receives General Fund dollars to support activities that go beyond direct utility service provision and support general government services. The General Fund portion of the SPU budget provides resources for:

- Public hygiene services for the unsheltered, which includes shower trailers, portable toilets, and handwashing stations, first deployed in response to the COVID-19 pandemic and continuing in 2022;
- The Clean City Program, which addresses public blight issues in Seattle including public litter, illegal dumping, graffiti on public property, and litter issues related to unsanctioned homeless encampments;
- The Trees for Seattle Program (previously called ReLeaf), which works to maintain and increase the urban tree canopy in Seattle; and,
- General government functions like maintaining survey markers throughout Seattle, standardizing construction specifications and planning documents, and maintaining engineering records for the City.

Programmatic increases: The 2022 Proposed Budget adds approximately \$1.6 million to the SPU General Fund budget with an additional \$637K in federal funds to support general government functions. This increase represents:

- Continuing the Mayor's Clean City Initiative through August 2022;

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- Changing the RV Remediation Pilot to a program. This program reduces trash and litter from illegally parked recreational vehicles (RVs) in the public right-of-way or on Seattle Parks and Recreation property;
- Increased emphasis on RV remediation beyond conversion to a program which includes increased outreach, purple bag service for RVs, and enhanced cleaning of RV encampments; and,
- Increased administrative support for SPU's Clean City programs.

Existing Homelessness Programs: The 2022 Proposed Budget includes funding for SPU to continue three other programs related to homelessness issues in Seattle. These programs include the Encampment Bag Program, the Litter Abatement Program, and the Needle Program. Under these programs, SPU provides trash removal from encampments, removes litter from the public right-of-way in neighborhoods affected by unsanctioned homeless encampments, removes used needles from the public right-of-way, and installs and services public needle disposal boxes throughout Seattle. Since first implementing the programs as pilots in 2017, service levels have expanded. The 2022 Proposed Budget maintains these expanded service levels.

Coronavirus Local Fiscal Recovery Fund

The Coronavirus Local Fiscal Recovery Fund (CLFR), comprising federal recovery and relief awards legislated by the U.S. Congress in the American Rescue Plan Act (ARPA), will support \$637,000 in spending for Clean Cities. These amounts will allow graffiti abatement, needle pickup, and community clean activities to continue at levels expanded in 2021.

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Incremental Budget Changes

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	Dollars	FTE
2022 Beginning Budget	1,375,607,249	1440.30
Baseline		
Citywide Adjustments for Standard Cost Changes	653,374	-
Baseline Adjustments for Personnel Costs	757,441	-
Reversing One-Time Appropriation for the Clean City Initiative	(593,000)	-
Shared - GIS Billing	458,000	-
Shared - Accounting Division Positions	-	5.00
Converting Administrative Staff Analyst to Full-Time	-	0.50
Add 1.0 FTE Field Coordinator for RV remediation and expanded Encampment Bag program	-	1.00
Proposed Operating		
Clean Cities Initiative - CLFR Support for Cleanup Events	184,272	-
Clean Cities Initiative - CLFR support for Graffiti, Needles, and Cleanup	452,944	-
General Fund - Clean City Administrative Support	233,056	1.00
General Fund - RV Remediation TES Conversion	-	1.00
DWW - RV Wastewater Pilot Expansion	100,000	-
Expanded RV Pump Out	75,000	-
Expanded RV Remediation	556,063	-
Funding additional three hygiene stations	274,500	-
Drainage and Wastewater Apprenticeship Program	500,000	-
Shared - Green New Deal-Aligned Business Development Strategy	600,000	-
Shared - Department of Neighborhoods MOA Expansion	312,000	-
Water - Customer Service Maintenance Laborer	-	1.00
DWW - CSO Planning	250,000	-
DWW - Drainage Rehabilitation Program Manager	164,710	1.00
DWW - Green Stormwater Infrastructure Drainage Asset Management	-	1.00
DWW - King County Clean Water Plan Review	250,000	-
DWW - Sewer Pipe Rehabilitation Program Pipe Assessor	138,493	1.00
DWW - Utility GIS for Side Sewer	199,413	2.00
Solid Waste - Heavy Truck Drivers	-	2.00
Solid Waste - Lead Inspector	109,862	1.00
Solid Waste - North Household Hazardous Waste Collection	210,868	1.00
Solid Waste - Plan Review FTE	111,697	1.00
Solid Waste - Solid Waste PPM Support	125,000	-
Shared - Cybersecurity	358,038	2.00
Shared - GIS Maintenance	304,601	2.00

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Shared - Unifier MOA	183,794	-
Shared - Budget System Administration and Reporting	137,770	-
Shared - Communications and Marketing Advisor	151,012	1.00
Shared - Contracts and Procurement Specialists	-	2.00
Shared - Customer Service Meter Reading Position	-	1.00
Shared - File Digitization and Reduction	119,590	-
Shared - Leak Adjustment and Crossed Meter Work	-	1.00
Shared - Logistics Energy Audits	250,000	-
Shared - Principal Economist	78,169	0.50
Shared - Support for Customer Accounts and Billing Services	-	2.00
Shared - Utility Portal Support	162,550	1.00
Shared - Utility Website Support	107,691	1.00
Proposed Capital		
Water Capital Changes	(11,249,910)	-
Drainage & Wastewater Capital Changes	(44,809,782)	-
Solid Waste Capital Changes	(17,823,083)	-
Technology Capital Changes	-	-
Proposed Technical		
Revenues for Water, Drainage and Wastewater, and Solid Waste Funds	-	-
Reconciling the 2022 Baseline with the Adopted CCM	-	-
Transfer Operational Technology from ITD	1,017,866	3.00
Transfer GIS Operational Technology Staff from ITD	169,316	1.00
Shared - Technical Adjustments	5,860,441	-
Fund Balancing	-	-
Total Incremental Changes	\$(58,858,244)	37.00
Total 2022 Proposed Budget	\$1,316,749,005	1477.30

Description of Incremental Budget Changes

Baseline

Citywide Adjustments for Standard Cost Changes

Expenditures \$653,374

Citywide technical adjustments made in the baseline phase reflect changes to internal services costs, including rates from the Department of Finance & Administrative Services, Seattle Information Technology Department, Seattle Department of Human Resources, and for healthcare, retirement and industrial insurance charges for the department. These adjustments reflect initial assumptions about these costs and inflators early in the budget process.

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Baseline Adjustments for Personnel Costs

Expenditures \$757,441

This item adjusts appropriations to restore annual wage increases for non-represented Executives, Managers, and Strategic Advisors, which was foregone in 2021 due to financial constraints.

Reversing One-Time Appropriation for the Clean City Initiative

Expenditures \$(593,000)

This item removes a one-time appropriation increase from the 2021 Budget that provided \$593,000 in General Fund appropriation to support the Clean Cities Initiative.

Shared - GIS Billing

Expenditures \$458,000

This item increases appropriation authority by \$458,000 in Seattle Public Utilities (SPU) in the Leadership and Administration BSL for all three ratepayer funds. This item increases appropriation for Geographic Information System (GIS) work that was previously paid to Seattle Information Technology (SIT) through the general allocation of costs in the Central Cost Manual. This appropriation was added to SPU's 2021 budget in the Second Quarter Supplemental Budget Amendment. This item adds this appropriation to SPU's baseline budget for 2022.

Shared - Accounting Division Positions

Position Allocation 5.00

This item adds 5.0 FTE positions in Accounting Division to SPU's baseline budget. The positions were added to SPU in the 2021 second quarter supplemental budget amendment.

Converting Administrative Staff Analyst to Full-Time

Position Allocation 0.50

This item converts an existing Administrative Staff Analyst position from 0.5 FTE to 1.0 FTE. This Administrative Staff Analyst position will support the Financial and Risk Services Branch at Seattle Public Utilities. This position was added to SPU in the Second Quarter Supplemental Budget Amendment. This item adds this position authority to SPU's baseline budget for 2022.

Add 1.0 FTE Field Coordinator for RV remediation and expanded Encampment Bag program

Position Allocation 1.00

This item provides 1.0 FTE position authority a Field Coordinator in Seattle Public Utilities (SPU), in the General Fund, in the Utility Service and Operations BSL. This item adds to the 2022 Baseline Budget a pocket provided in the third quarter supplemental budget. This position will connect individuals residing in RVs/vehicles to resources, facilitate trash removal around vehicles in the ROW, and manage storage of personal belongings.

Proposed Operating

Clean Cities Initiative - CLFR Support for Cleanup Events

Expenditures \$184,272

This item would increase appropriation in the Coronavirus Local Fiscal Recovery Fund for the Utility Operations and Services BCL by \$184,272 to support continuation of the Mayor's expanded Clean City Initiative through August 2022. This funding supports clean-up events in conjunction with Seattle Department of Transportation and Seattle

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Parks and Recreation. This is a one-time increase in 2022.

Clean Cities Initiative - CLFR support for Graffiti, Needles, and Cleanup

Expenditures	\$452,944
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This item increases appropriation by \$452,944 in the Coronavirus Local Fiscal Recovery Fund, in the Utility Operations and Services BCL, to support continuation of the Mayor's expanded Clean City Initiative through August 2022. This includes support for graffiti abatement, needle collection, and cleaning the public right-of-way. This is a one-time increase in 2022.

General Fund - Clean City Administrative Support

Expenditures	\$233,056
Position Allocation	1.00

This item increases General Fund appropriation authority by \$233,056 and adds position authority for 1.0 FTE Administrative Staff Analyst to address oversight, tracking, and reporting needs for the Clean City program. This position will provide support for growing program needs, as both permanent and temporary Clean City activities have increased by \$4 million since 2019.

General Fund - RV Remediation TES Conversion

Expenditures	-
Position Allocation	1.00

This item adds 1.0 FTE position authority for a Planning and Development Specialist II to provide support for the Clean City RV Remediation Program. This authority will allow conversion from temporary to permanent staffing as this program transitions out of the pilot phase. This item does not require additional appropriation authority.

DWW - RV Wastewater Pilot Expansion

Expenditures	\$100,000
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This item increases appropriation in the Drainage and Wastewater Fund by \$100,000 for additional funding to provide wastewater services for Recreational Vehicles (RV) being used as shelter. This expands an existing pilot program, and allows SPU to implement a mobile wastewater pump out component. This is intended to reduce instances of sewage being released into catch basins, reducing cleanup costs, and maintaining health of critical waterways as required under the City's National Pollution Discharge Elimination System (NPDES) Type II permit.

Expanded RV Pump Out

Expenditures	\$75,000
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This item increases Drainage and Wastewater Fund appropriation by \$75,000 in the Utility Services and Operations BSL for increased wastewater pump-out services to RVs being used as a primary residence. This \$75,000 increase, on top of a separate \$100,000 increase, would allow SPU to move from a six-week servicing cycle to a four-week servicing cycle.

Expanded RV Remediation

Expenditures	\$556,063
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This item increases General Fund appropriation by \$556,064 to provide ongoing funding in SPU's Utility Services and Operation BSL for expanded RV cleaning services and funding for a Field Coordinator (Strategic Advisor 1). The Field Coordinator pocket has been added in the third quarter supplemental and is also included as a Baseline Budget item

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in the Proposed.

The coordinator will help connect individuals residing in RVs/vehicles to resources, facilitate trash removal around vehicles in the Right of Way (ROW), and will manage storage of personal belongings, as required. This work is intended to maintain public access to the ROW. This work will expand Encampment Bag Program distribution and collection to RV sites at up to ten encampment sites per week. Seattle Department of Transportation (SDOT) is funding this expansion through a corresponding General Fund reduction.

Funding additional three hygiene stations

Expenditures \$274,500

This item increases General Fund appropriation by \$274,500 to provide ongoing funding in SPU's Utility Services and Operation BSL for three additional public hygiene stations, with the intent to service RV encampments.

Drainage and Wastewater Apprenticeship Program

Expenditures \$500,000

This item increases appropriation in the Drainage and Wastewater Fund (44010) by \$500,000 to pay for five additional apprentices in the Drainage and Wastewater (DWW) Line of Business. This would increase apprenticeships to twelve, from a baseline of seven. Positions are loaned by Seattle Department of Human Resources (SDHR).

Shared - Green New Deal-Aligned Business Development Strategy

Expenditures \$600,000

This item would increase appropriation in the Water Fund, the Drainage and Wastewater Fund, and the Solid Waste Fund by \$600,000 in 2022 to pilot a community grant program focused on environmental stewardship and community innovation. This program is aligned with the Seattle Green New Deal. It will support both emerging and established business models for green workforce development that is specific to the water and waste sectors. Grants will support programs that promote water resiliency and expand "circular economy" efforts to reduce waste and promote recycling. These investments aim to reduce Seattle's collective water and waste costs and enhance stewardship and reuse of local resources.

Shared - Department of Neighborhoods MOA Expansion

Expenditures \$312,000

This item increases appropriation in the Water Fund, the Drainage and Wastewater Fund, and the Solid Waste Fund appropriation by \$312,000 to expand SPU's existing partnership with the Department of Neighborhoods (DON) that supports community engagement and education. This funding will support a number of initiatives. These include panel recruitment and public engagement with the SPU Customer Review Panel, efforts to publicize and grow donation matching, and trainings for SPU employees.

Water - Customer Service Maintenance Laborer

Expenditures -

Position Allocation 1.00

This item provides 1.0 FTE position authority for a Maintenance Laborer in the Meter Reading group. Meter reading demands have increased due to population growth and development, increasing annual meter readings by 50,000 since 2013. This position does not require any additional appropriation authority.

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DWW - CSO Planning

Expenditures \$250,000

This item increases appropriation in the Drainage and Wastewater Fund to pay for temporary staffing and professional services. This funding will support area-based Combined Sewer Overflow (CSO) planning in coordination with King County, as well as the development of future long-term control plan updates in accordance with the consent decree between Seattle Public Utilities (SPU) and the United States Environmental Protection Agency (EPA).

DWW - Drainage Rehabilitation Program Manager

Expenditures \$164,710

Position Allocation 1.00

This item increases appropriation in the Drainage and Wastewater Fund and provides 1.0 FTE position authority for a Strategic Advisor 2 position that will manage Seattle Public Utility's (SPU) drainage rehabilitation work. This is in accordance with the 2021-2026 Strategic Business Plan, which calls for increasing the pace of rehabilitation work on aging drainage infrastructure assets. This is intended to prevent flooding and improve water quality.

DWW - Green Stormwater Infrastructure Drainage Asset Management

Expenditures -

Position Allocation 1.00

This item provides 1.0 FTE position authority for a Senior Civil Engineer in the Drainage and Wastewater line of business. This position will provide ongoing support of the Green Stormwater Infrastructure (GSI) Drainage Asset Management Program. This is in accordance with the 2021-2026 Strategic Business Plan, which commits to expanding and innovating GSI for stormwater management and flow control. This body of work requires dedicated asset management and operational guidance. This body of work is currently being supported by . temporary staffing. This position add does not require any additional appropriation.

DWW - King County Clean Water Plan Review

Expenditures \$250,000

This item increases appropriation in the Drainage and Wastewater Fund by \$250,000 to implement an effort to evaluate and analyze the King County regional wastewater treatment system that serves the City of Seattle. This work is a continuation of the effort initiated under a City Council 2021 Statement of Legislative Intent (SLI).

DWW - Sewer Pipe Rehabilitation Program Pipe Assessor

Expenditures \$138,493

Position Allocation 1.00

This item increases appropriation in the Drainage and Wastewater Fund by \$138,493 in order to add 1.0 FTE position authority for a Senior Civil Engineering Specialist. This position will support sewer rehabilitation work, providing pipe assessment services to determine rehabilitation needs and project scopes of work to support renewal of the aging sewer system. This represents an increased level of investments in sewer rehabilitation, in accordance with the 2021-2026 Strategic Business Plan, and is a direct result of a capital investment analysis completed in 2019.

DWW - Utility GIS for Side Sewer

Expenditures \$199,413

Position Allocation 2.00

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This item increases appropriation in the Drainage and Wastewater Fund by \$199,413 and provides position authority for 2.0 FTE Associate Civil Engineering Specialist II positions that will support side sewer site plan resourcing and will be based in the Utility's Geographic Information System (GIS) team. The City's National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit requires electronic mapping of all authorized connections to the municipal storm sewer system. Demand for side sewer permits has increased due to increasing construction and development, creating a backlog of work. These needs are currently being resourced with temporary staffing.

Solid Waste - Heavy Truck Drivers

Expenditures	-
Position Allocation	2.00

This item provides position authority 2.0 FTE Heavy Truck Drivers in the Solid Waste Operations Division. These positions meet growing demand and increased loads driven by higher levels of compostable organics. SPU is currently relying on temporary staffing. Positions are being added to reduce heavy truck driver turnover and maintain consistent staffing levels. No additional appropriation authority is required for these positions.

Solid Waste - Lead Inspector

Expenditures	\$109,862
Position Allocation	1.00

This item increase appropriation in the Solid Waste Fund by \$109,862 and provides 1.0 FTE position authority for a Lead Solid Waste Field Representative. This position will support the significantly-increased workload of the Inspection and Compliance Team (ICT), which inspects solid waste collection at commercial and multifamily properties to ensure code compliance. The ICT also responds to Field Activity (FA) requests submitted when property owners report issues with equipment or services. The need for increased staffing for the ICT is driven by population growth and increasing commercial and multifamily properties.

Solid Waste - North Household Hazardous Waste Collection

Expenditures	\$210,868
Position Allocation	1.00

This item increases appropriation in the Solid Waste Fund by \$210,868 and provides 1.0 FTE position authority for an Environmental Field Specialist (EFS) for operations support at the North Household Hazardous Waste (NHHW) facility. This position is required to help maintain growing customer demand at the NHHW site. The King County Hazardous Waste Management Program will reimburse SPU for the cost of this position.

Solid Waste – Plan Review FTE

Expenditures	\$111,697
Position Allocation	1.00

This item increases appropriation in the Solid Waste Fund by \$111,697 and adds 1.0 FTE position authority for a Planning and Development Specialist II. This position will support solid waste plan reviews for new developments. Solid waste plan reviews have increased in volume due to growth and development, as well as increasing design complexity.

Solid Waste - Solid Waste PPM Support

Expenditures	\$125,000
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This item increases appropriation in the Solid Waste Fund by \$125,000 to provide for a temporary Management Systems Analyst. This temporary staffing will support the Solid Waste Planning and Program Management group,

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and will provide direct support for mandatory reporting and for producing the annual Waste Prevention and Recycling Report submitted to the City Council.

Shared - Cybersecurity

Expenditures	\$358,038
Position Allocation	2.00

This item increases appropriation in the Water Fund, Drainage and Wastewater Fund, and Solid Waste Fund by \$358,038 and provides 2.0 FTE position authority. This provides for one Manager 3 and one Information Technology Professional-A. These positions will develop and implement cybersecurity policies necessary to safeguard Seattle Public Utility (SPU) technology assets.

Shared - GIS Maintenance

Expenditures	\$304,601
Position Allocation	2.00

This item will increase appropriation in the Water Fund and the Drainage and Wastewater Fund by \$304,602 and provides for 2.0 FTE positions for Geographic Information System (GIS) Maintenance. These positions will consist of 1.0 Information Technology Professional – B and 1.0 Information Technology Professional – C. These positions will provide internal GIS capacity for SPU. This represents a transfer of work from Seattle Information Technology (SIT), which is reducing budget for core GIS services to SPU. Seattle IT is supportive of these position adds.

Shared - Unifier MOA

Expenditures	\$183,794
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This item increases appropriations in the Water Fund, Drainage and Wastewater Fund, and the Solid Waste Fund by \$183,794 to pay for a three-year, term-limited Information Technology Professional-B resource in Seattle Information Technology (SIT) to support the Oracle Primavera Unifier application. This application supports maintenance of contract documents used in construction management and payments. Additional staffing support will resolve an existing backlog of errors and provide dedicated support to SPU, in order to avoid late payments and associated financial risks.

Shared - Budget System Administration and Reporting

Expenditures	\$137,770
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This item increases appropriations in the Water Fund, Drainage and Wastewater Fund, and Solid Waste Fund by \$137,770 to add a term-limited Senior Management Systems Analyst to the Seattle Public Utilities (SPU) Budget Group. This position would administer the Utility's budgeting tool and develop reports using the Utility's primary data tool.

Shared - Communications and Marketing Advisor

Expenditures	\$151,012
Position Allocation	1.00

This item increases appropriation in the Water Fund, Drainage and Wastewater Fund, and Solid Waste Fund by \$151,012 and adds 1.0 FTE position authority for a Communications and Marketing Advisor, Strategic Advisor 1. This position would serve as communications liaison to the Customer Response Division and as lead marketing strategist for Seattle Public Utilities (SPU). This position will lead communication strategies for customer service initiatives and the Utility Discount Program. It will also provide communications support to the SPU/City Light Contact Center and Utility Account Services.

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Shared - Contracts and Procurement Specialists

Expenditures	-
Position Allocation	2.00

This item provides position authority for 2.0 FTE in the Contracts and Procurement group. These positions will serve as Senior Project Funding and Agreement Coordinators, one supporting consultant contracts and one supporting purchases. This body of work is currently being supported by expiring temporary staffing and risks backlogs and delays. These positions do not require any additional appropriation authority.

Shared - Customer Service Meter Reading Position

Expenditures	-
Position Allocation	1.00

This item adds 1.0 FTE position authority for a Meter Reader in the Meter Reading group. Meter reading demands have increased due to population growth and development, increasing annual meter readings by 50,000 since 2013. This position does not require any additional appropriation authority.

Shared - File Digitization and Reduction

Expenditures	\$119,590
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This item increases appropriation in the Water Fund, the Drainage and Wastewater Fund, and the Solid Waste Fund by \$119,590 to pay for a three-year, term-limited Civil Engineering Specialist II to support the Workspace Reimagined Initiative that seeks to reduce the Utility's footprint in City-owned buildings.

Shared - Leak Adjustment and Crossed Meter Work

Expenditures	-
Position Allocation	1.00

This item provides position authority for 1.0 FTE Accounting Technician III position in Customer Accounts and Billing Services. This position will address needs driven by the Leak Adjustment Director's Rule, which adjusts billing to account for repaired leaks and has led to a two-fold increase in workload for Customer Accounts. It will also address estimated billing adjustments, field activity completions, service order assignments, accounting approvals for escrow refunds, unclaimed property, and solid waste billing. These service levels are currently being supported by temporary staffing and overtime. This change does not require any additional appropriation authority.

Shared - Logistics Energy Audits

Expenditures	\$250,000
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This item increases Water Fund, Drainage and Wastewater Fund, and Solid Waste Fund appropriation by \$250,000 to provide energy audits at SPU facilities and to plan for energy generation across all lines of business within the Utility in order to meet the City of Seattle's goal of 100 percent Clean energy by 2050.

Shared - Principal Economist

Expenditures	\$78,169
Position Allocation	0.50

This item increases appropriations in the Water Fund, Drainage and Wastewater Fund, and Solid Waste Fund by \$78,169 and adds 0.5 FTE in position authority to convert a current 0.5 FTE Principal Economist to a 1.0 FTE Principal

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Economist.

Shared - Support for Customer Accounts and Billing Services

Expenditures	-
Position Allocation	2.00

This item provides position authority for 2.0 FTE Account Technician II-BU positions in Customer Account and Billing Services. These positions will be responsible for daily billing tasks including Meter Data Management exceptions, Customer Care Billing, errors in bill segments, water billing adjustments, escrow funds, high strength billing, and returned payments. The positions would also help support programming such as unclaimed property, the Utility Discount Program, and the Emergency Assistance Program. Increases in this body of work are driven by population growth and development. These positions do not require any change in appropriation.

Shared - Utility Portal Support

Expenditures	\$162,550
Position Allocation	1.00

This item increases appropriation in the Water Fund, the Drainage and Wastewater Fund, and the Solid Waste Fund by \$162,550 and provides 1.0 FTE position authority for an Information Technology Professional-B. This position will provide administration and functional support to the Utility Customer Self Service Portal (UCSS Portal). This position will partner with business stakeholders to optimize and enhance application functions, install patches, report deficiencies, resolve issues, and monitor the system. SPU cannot adequately maintain the technology required without this requested staffing support, risking a loss of functionality for customers and risking system interruptions.

Shared - Utility Website Support

Expenditures	\$107,691
Position Allocation	1.00

This item increases appropriation in the Water Fund, Drainage and Wastewater Fund, and Solid Waste Fund by \$107,691 and adds 1.0 FTE position authority for a Senior Public Relations Specialist to serve as a web specialist in communications and outreach. This position will provide internal support for SPU's Inweb, as well as support for SPU's external-facing website. This position will provide coverage to manage web content, accessibility requirements, and public announcements.

Proposed Capital

Water Capital Changes

Expenditures	\$(11,249,910)
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This item decreases the Water Fund Core and Shared CIP by \$11,249,910 in 2022. The primary focus is on asset management for distribution and transmission pipes, water system impacts associated with the various Seattle and regional transportation projects, and upgrades to water system facilities such as operation buildings.

Drainage & Wastewater Capital Changes

Expenditures	\$(44,809,782)
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This item decreases the Drainage and Wastewater Fund (DWF) by \$44.8 million in 2022 across all BSLs. These changes reflect updated project timelines, scope shifts and reflects the strategic priorities of Seattle Public Utilities.

Solid Waste Capital Changes

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Expenditures \$(17,823,083)

This item decreases the Solid Waste Fund by \$17.8 million in 2022 across all Capital Budget Summary Levels (BSLs). This shifts various project costs between years for a total addition of \$4.8 million over the six-year CIP from 2022-2027.

Technology Capital Changes

Expenditures -

This item maintains the Technology Capital Improvement Program (CIP) with no increase in 2022. This will not impact the Water, Drainage and Wastewater, and Solid Waste funds in 2022. The total increase for the 6-year period is \$10,050,000.

Proposed Technical

Revenues for Water, Drainage and Wastewater, and Solid Waste Funds

Revenues \$112,109,319

This item provides projected 2022 revenue for the Water, Drainage and Wastewater, and Solid Waste Funds. Total Water Fund revenue is anticipated to be \$4.86 million lower than in 2021; total Drainage and Wastewater Fund revenue is anticipated to be \$97 million higher; and total Solid Waste Fund revenue is anticipated to be \$10.2 million higher.

Reconciling the 2022 Baseline with the Adopted CCM

Expenditures -

This item makes technical, net-zero changes between account groups and fund in order to align the 2022 Baseline with the Adopted Central Cost Manual. This change request will affect multiple funds and multiple Budget Service Levels.

Transfer Operational Technology from ITD

Expenditures \$1,017,866
Position Allocation 3.00

This item transfers technology deemed operational to Seattle Public Utilities (SPU). This includes the transfer of 3.0 FTE position authority and non-labor budget for the Maximo work and asset management system.

The IT Maximo team is dedicated to managing Maximo, a key work and asset management system used solely by SPU. Due to its nature and impact on SPU's business operations, Seattle IT and SPU have deemed this operational technology and are proposing to transfer the ownership and operation of the system to SPU.

Both Seattle IT and SPU support this transfer of operational technology. Seattle IT has a corresponding item in the proposed budget.

Transfer GIS Operational Technology Staff from ITD

Expenditures \$169,316
Position Allocation 1.00

This item transfers 1.0 FTE position authority from Seattle IT to SPU. This pocket is currently held by IT, but the position is entirely dedicated to SPU supporting business processes and GIS-related functions. The incumbent reports to SPU's Operations and Control Center, and: works with staff to ensure asset data in GIS is accurate by

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ensuring utility system changes are recorded; supports the Utility Locate program (“Call Before You Dig”) for the Water and the Drainage and Wastewater lines of business; performs GIS analysis projects as requested; and trains staff in Field Operations to use GIS tools.

Both Seattle IT and Seattle Public Utilities are in favor of this position transfer. In this role, the incumbent works closely with Central GIS Program staff in Seattle IT, but more importantly supports core functions in Seattle Public Utilities. This transfer will not inhibit the incumbent’s ability to coordinate work with Seattle IT, but will enhance Seattle Public Utilities ability to direct the work to their highest priorities because they will directly manage the tasks performed. Seattle IT has a corresponding item in the proposed budget.

Shared - Technical Adjustments

Expenditures \$5,860,441

This item adjusts the appropriations for the Water Fund, Drainage and Wastewater Fund, Solid Waste Fund, and General Fund in various operating and maintenance Budget Summary Levels for a net increase of approximately \$5.9 million in 2022. The main drivers of change are: (A) labor-related increases and inflation, (B) revised projections for taxes, debt service, major service contract payments, (C) a technical increase for a cost that was anticipated on the CIP but that will be paid out of the O&M budget, and (D) SPU identified reductions to the baseline.

The item includes appropriation for estimated annual wage increases. Annual wage increase assumptions are included in both the proposed budget and in rate proposals. SPU will adhere to negotiated and approved rates for actual annual wage increases.

The adjustments included in this request and the SPU budget overall are consistent with the adopted 2021-2026 Strategic Business Plan as well as with the Water Fund and Drainage and Wastewater Fund rate proposals approved in 2021.

Fund Balancing

Revenues \$(196,985,770)

This is a technical item to record fund balancing entries for the 43000 Water Fund, 44010 Drainage and Wastewater Fund, and 45010 Solid Waste Fund, which are managed by Seattle Public Utilities.

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Expenditure Overview

	2020 Actuals	2021 Adopted	2022 Proposed
Appropriations			
SPU - BC-SU-C110B - Distribution			
43000 - Water Fund	25,368,862	31,095,001	35,688,387
Total for BSL: BC-SU-C110B	25,368,862	31,095,001	35,688,387
SPU - BC-SU-C120B - Transmission			
43000 - Water Fund	5,382,036	20,129,412	16,514,021
Total for BSL: BC-SU-C120B	5,382,036	20,129,412	16,514,021
SPU - BC-SU-C130B - Watershed Stewardship			
43000 - Water Fund	1,753,381	298,356	2,170,333
Total for BSL: BC-SU-C130B	1,753,381	298,356	2,170,333
SPU - BC-SU-C140B - Water Quality & Treatment			
43000 - Water Fund	886,253	13,214,127	3,604,945
Total for BSL: BC-SU-C140B	886,253	13,214,127	3,604,945
SPU - BC-SU-C150B - Water Resources			
43000 - Water Fund	2,221,777	12,031,263	7,052,669
Total for BSL: BC-SU-C150B	2,221,777	12,031,263	7,052,669
SPU - BC-SU-C160B - Habitat Conservation Program			
43000 - Water Fund	3,989,560	1,474,395	2,603,765
Total for BSL: BC-SU-C160B	3,989,560	1,474,395	2,603,765
SPU - BC-SU-C230B - New Facilities			
45010 - Solid Waste Fund	1,403,445	19,250,000	6,155,694
Total for BSL: BC-SU-C230B	1,403,445	19,250,000	6,155,694
SPU - BC-SU-C240B - Rehabilitation & Heavy Equipment			
45010 - Solid Waste Fund	702,835	1,220,000	2,450,000
Total for BSL: BC-SU-C240B	702,835	1,220,000	2,450,000
SPU - BC-SU-C333B - Protection of Beneficial Uses			
44010 - Drainage and Wastewater Fund	7,652,565	21,139,104	20,910,556
Total for BSL: BC-SU-C333B	7,652,565	21,139,104	20,910,556
SPU - BC-SU-C350B - Sediments			
44010 - Drainage and Wastewater Fund	3,176,623	3,867,219	4,560,404
Total for BSL: BC-SU-C350B	3,176,623	3,867,219	4,560,404

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SPU - BC-SU-C360B - Combined Sewer Overflows

44010 - Drainage and Wastewater Fund	88,650,004	134,109,402	98,151,462
Total for BSL: BC-SU-C360B	88,650,004	134,109,402	98,151,462

SPU - BC-SU-C370B - Rehabilitation

44010 - Drainage and Wastewater Fund	28,438,599	38,267,638	40,685,437
Total for BSL: BC-SU-C370B	28,438,599	38,267,638	40,685,437

SPU - BC-SU-C380B - Flooding, Sewer Backup & Landslide

44010 - Drainage and Wastewater Fund	13,944,483	42,898,658	29,967,149
Total for BSL: BC-SU-C380B	13,944,483	42,898,658	29,967,149

SPU - BC-SU-C410B - Shared Cost Projects

43000 - Water Fund	20,184,337	33,473,751	22,276,576
44010 - Drainage and Wastewater Fund	20,235,126	32,956,956	15,344,869
45010 - Solid Waste Fund	1,102,034	2,841,878	4,561,370
Total for BSL: BC-SU-C410B	41,521,497	69,272,585	42,182,815

SPU - BC-SU-C510B - Technology

43000 - Water Fund	6,121,054	5,061,580	4,243,500
44010 - Drainage and Wastewater Fund	4,739,076	5,150,950	4,299,000
45010 - Solid Waste Fund	2,195,941	1,987,569	1,507,500
Total for BSL: BC-SU-C510B	13,056,071	12,200,099	10,050,000

SPU - BO-SU-N000B - General Expense

00100 - General Fund	2,115,522	1,874,250	1,967,963
43000 - Water Fund	137,632,982	147,339,310	143,617,623
44010 - Drainage and Wastewater Fund	294,845,255	332,921,343	319,679,215
45010 - Solid Waste Fund	154,356,232	166,465,485	169,202,240
Total for BSL: BO-SU-N000B	588,949,991	648,600,389	634,467,041

SPU - BO-SU-N100B - Leadership and Administration

00100 - General Fund	11,939	-	-
43000 - Water Fund	44,015,213	58,113,414	58,295,487
44010 - Drainage and Wastewater Fund	51,139,811	62,543,732	68,948,332
45010 - Solid Waste Fund	14,594,761	18,640,534	20,109,288
Total for BSL: BO-SU-N100B	109,761,724	139,297,679	147,353,108

SPU - BO-SU-N200B - Utility Service and Operations

00100 - General Fund	10,927,350	18,925,026	20,375,458
14000 - Coronavirus Local Fiscal Recovery Fund	-	-	637,216
43000 - Water Fund	66,095,140	68,202,401	83,153,226

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44010 - Drainage and Wastewater Fund	66,702,965	70,120,481	72,311,073
45010 - Solid Waste Fund	29,038,371	33,830,859	35,704,245
Total for BSL: BO-SU-N200B	172,763,826	191,078,767	212,181,219
Department Total	1,109,623,533	1,399,444,095	1,316,749,005
Department Full-Time Equivalents Total*	1,433.30	1,440.30	1,477.30

** FTE totals are provided for informational purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here*

Budget Summary by Fund Seattle Public Utilities

	2020	2021	2022
	Actuals	Adopted	Proposed
00100 - General Fund	13,054,811	20,799,276	22,343,421
14000 - Coronavirus Local Fiscal Recovery Fund	-	-	637,216
43000 - Water Fund	313,650,596	390,433,010	379,220,533
44010 - Drainage and Wastewater Fund	579,524,508	743,975,483	674,857,497
45010 - Solid Waste Fund	203,393,618	244,236,326	239,690,338
Budget Totals for SPU	1,109,623,533	1,399,444,095	1,316,749,005

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Revenue Overview

2022 Estimated Revenues

Account Code	Account Name	2020 Actuals	2021 Adopted	2022 Proposed
331110	Direct Fed Grants	539,257	-	-
334010	State Grants	32,989	-	-
341040	Sales Of Maps & Publications	2,609	-	-
343210	Transfer Station Charges	13,440	-	-
Total Revenues for: 00100 - General Fund		588,294	-	-
309010	Non-Operating Revenues	-	3,232,566	644,386
331110	Direct Fed Grants	29,318	-	-
332020	Build America Bonds Subsidy Pa	1,937,152	1,619,000	1,570,774
333110	Ind Fed Grants	56,885	-	-
334010	State Grants	(12,326)	8,199,810	5,378,270
337010	Grants & Contr From Local Govt	66,063	-	-
337080	Other Private Contrib & Dons	4,932,415	-	-
343010	Architect/Engineering Svc Chrg	367,687	-	-
343020	Services For Others-Nonop	(10,607)	-	-
343080	Unbilled Rev	(620,472)	-	-
343090	Elderly Utility Credit	(5,412,736)	-	-
343110	Retail Water Utility Services	203,577,678	205,119,999	211,242,278
343120	Wholesale Water Sales	56,781,737	53,081,037	54,321,934
343130	Other Utility Operating Rev	4,116,474	4,226,340	5,277,272
343310	Recoveries	468,547	-	-
343320	Recoveries-Sundry	1,579	-	-
343350	Municipal Utility Services	10,045,755	10,246,670	11,604,216
343360	Tap Revenue	9,614,237	7,972,660	8,072,319
350180	Misc Fines & Penalties	41,394	-	-
350190	Nsf Check Fees	32,825	-	-
360020	Inv Earn-Residual Cash	2,923,351	-	-
360210	Oth Interest Earnings	7,463	-	-
360220	Interest Earned On Delinquent A	33,290	-	-
360310	Lt Space/Facilities Leases	7,313	-	-
360320	Rent From Operating Property	541,742	-	-
360350	Other Rents & Use Charges	203,973	672,000	791,149
360380	Sale Of Junk Or Salvage	65,135	-	-
360420	Other Judgments & Settlements	470,345	-	-
360750	Misc Reimb Adj-Pers & Other	18,514	2,286,846	2,616,420

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360900	Miscellaneous Revs-Other Rev	245,976	-	-
379020	Capital Contributions	369,068	-	-
379030	Capital Contr-Interlocal	(309)	-	-
379040	Capital Contr-Connect Charge	4,770,084	-	-
395020	Timber Sales	561,301	-	-
Total Revenues for: 43000 - Water Fund		296,230,851	296,656,928	301,519,018
400000	Use of/Contribution to Fund Balance	-	93,776,082	77,701,515
Total Resources for:43000 - Water Fund		296,230,851	390,433,010	379,220,533
331110	Direct Fed Grants	31,728	-	-
332020	Build America Bonds Subsidy Pa	1,632,214	1,686,168	1,686,168
333110	Ind Fed Grants	15,218	-	-
334010	State Grants	459,084	1,598,155	73,325,211
337010	Grants & Contr From Local Govt	214,135	-	-
337080	Other Private Contrib & Dons	12,431,547	-	-
341040	Sales Of Maps & Publications	43	-	-
343010	Architect/Engineering Svc Chrg	3,469,461	-	-
343020	Services For Others-Nonop	424,077	-	-
343080	Unbilled Rev	(2,170,395)	-	-
343090	Elderly Utility Credit	(10,689,493)	-	-
343130	Other Utility Operating Rev	-	3,579,201	6,488,437
343140	Wastewater Utility Services	309,026,540	314,331,518	336,861,072
343150	Drainage Utility Services	155,021,496	166,926,594	167,988,275
343160	Side Sewer Permit Fees	1,832,830	1,831,939	1,925,617
343170	Sewer Connection Charges	353,778	-	-
343180	Drainage Permit Fees	471,085	519,431	494,934
343310	Recoveries	278,676	-	-
343350	Municipal Utility Services	2,931,528	-	-
350180	Misc Fines & Penalties	48,160	-	-
360020	Inv Earn-Residual Cash	5,499,122	-	-
360210	Oth Interest Earnings	6,810	-	-
360220	Interest Earned On Deliquent A	475	-	-
360300	St Space Facilities Rentals	26,533	-	-
360320	Rent From Operating Property	2,196	-	-
360350	Other Rents & Use Charges	20,872	-	-
360420	Other Judgments & Settlements	3,356,399	-	-
360750	Misc Reimb Adj-Pers & Other	-	2,215,479	2,685,966
360900	Miscellaneous Revs-Other Rev	32,025	-	-
379020	Capital Contributions	8,534,102	1,736,000	-
379030	Capital Contr-Interlocal	(155)	-	-

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Total Revenues for: 44010 - Drainage and Wastewater Fund		493,260,090	494,424,484	591,455,679
400000	Use of/Contribution to Fund Balance	-	249,550,999	83,401,818
Total Resources for:44010 - Drainage and Wastewater Fund		493,260,090	743,975,483	674,857,497
309010	Non-Operating Revenues	-	847,518	939,667
331110	Direct Fed Grants	10,107	-	-
334010	State Grants	364,221	-	-
343090	Elderly Utility Credit	(5,144,641)	-	-
343130	Other Utility Operating Rev	380,927	-	-
343200	Solid Waste Utility Services	208,769,129	211,504,612	219,981,057
343210	Transfer Station Charges	15,422,396	13,356,825	13,751,613
343240	Commercial Disposal Charges	680,307	-	-
343280	Recycled Materials Rev	3,715,240	2,154,509	3,803,732
350180	Misc Fines & Penalties	224,667	-	-
350190	Nsf Check Fees	475	-	-
360020	Inv Earn-Residual Cash	1,848,339	-	-
360220	Interest Earned On Delinquent A	3,857	-	-
360350	Other Rents & Use Charges	7,221	-	-
360420	Other Judgments & Settlements	77,453	-	-
360540	Cashiers Overages & Shortages	(95)	-	-
360750	Misc Reimb Adj-Pers & Other	6,281	8,804,041	8,407,471
Total Revenues for: 45010 - Solid Waste Fund		226,365,883	236,667,506	246,883,540
400000	Use of/Contribution to Fund Balance	-	7,568,820	(7,193,202)
Total Resources for:45010 - Solid Waste Fund		226,365,883	244,236,326	239,690,338
Total SPU Resources		1,016,445,118	1,378,644,819	1,293,768,367

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Appropriations by Budget Summary Level and Program

SPU - BC-SU-C110B - Distribution

The purpose of the Distribution Budget Summary Level, a Capital Improvement Program funded by water revenues, is to repair and upgrade the City's water lines, pump stations, and other facilities.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Distribution	25,368,862	31,095,001	35,688,387
Total	25,368,862	31,095,001	35,688,387
Full-time Equivalents Total*	79.00	79.00	79.00

**FTE totals are provided for informational purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here*

SPU - BC-SU-C120B - Transmission

The purpose of the Transmission Budget Summary Level, a Capital Improvement Program funded by water revenues, is to repair and upgrade the City's large transmission pipelines that bring untreated water to the treatment facilities, and convey water from the treatment facilities to Seattle and its suburban wholesale customers' distribution systems.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Transmission	5,382,036	20,129,412	16,514,021
Total	5,382,036	20,129,412	16,514,021
Full-time Equivalents Total*	5.00	5.00	5.00

**FTE totals are provided for informational purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here*

SPU - BC-SU-C130B - Watershed Stewardship

The purpose of the Watershed Stewardship Budget Summary Level, a Capital Improvement Program funded by water revenues, is to implement projects associated with the natural land, forestry, and fishery resources within the Tolt, Cedar, and Lake Youngs watersheds.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Watershed Stewardship	1,753,381	298,356	2,170,333
Total	1,753,381	298,356	2,170,333
Full-time Equivalents Total*	8.00	8.00	8.00

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**FTE totals are provided for informational purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here*

SPU - BC-SU-C140B - Water Quality & Treatment

The purpose of the Water Quality & Treatment Budget Summary Level, a Capital Improvement Program funded by water revenues, is to design, construct, and repair water treatment facilities and remaining open-water reservoirs.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Water Quality & Treatment	886,253	13,214,127	3,604,945
Total	886,253	13,214,127	3,604,945
Full-time Equivalents Total*	14.00	14.00	14.00

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SPU - BC-SU-C150B - Water Resources

The purpose of the Water Resources Budget Summary Level, a Capital Improvement Program funded by water revenues, is to repair and upgrade water transmission pipelines and promote residential and commercial water conservation.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Water Resources	2,221,777	12,031,263	7,052,669
Total	2,221,777	12,031,263	7,052,669
Full-time Equivalents Total*	12.00	12.00	12.00

**FTE totals are provided for informational purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here*

SPU - BC-SU-C160B - Habitat Conservation Program

The purpose of the Habitat Conservation Budget Summary Level, a Capital Improvement Program funded by water revenues, is to manage projects directly related to the Cedar River Watershed Habitat Conservation Plan.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Habitat Conservation Program	3,989,560	1,474,395	2,603,765
Total	3,989,560	1,474,395	2,603,765
Full-time Equivalents Total*	15.00	15.00	15.00

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SPU - BC-SU-C230B - New Facilities

The purpose of the New Facilities Budget Summary Level, a Capital Improvement Program funded by solid waste revenues, is to design and construct new facilities to enhance solid waste operations.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
New Facilities	1,403,445	19,250,000	6,155,694
Total	1,403,445	19,250,000	6,155,694
Full-time Equivalents Total*	9.00	9.00	9.00

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SPU - BC-SU-C240B - Rehabilitation & Heavy Equipment

The purpose of the Rehabilitation and Heavy Equipment Budget Summary Level, a Capital Improvement Program funded by solid waste revenues, is to implement projects to repair and rehabilitate the City's solid waste transfer stations and improve management of the City's closed landfills and household hazardous waste sites.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Rehabilitation & Heavy Eqpt	702,835	1,220,000	2,450,000
Total	702,835	1,220,000	2,450,000

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SPU - BC-SU-C333B - Protection of Beneficial Uses

The purpose of the Protection of Beneficial Uses Budget Summary Level, a Capital Improvement Program funded by drainage revenues, is to make improvements to the City's drainage system to reduce the harmful effects of storm water runoff on creeks and receiving waters by improving water quality and protecting or enhancing habitat.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Protection of Beneficial Uses	7,652,565	21,139,104	20,910,556

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Total	7,652,565	21,139,104	20,910,556
Full-time Equivalents Total*	14.00	14.00	14.00

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SPU - BC-SU-C350B - Sediments

The purpose of the Sediments Budget Summary Level, a Capital Improvement Program funded by drainage and wastewater revenues, is to restore and rehabilitate natural resources in or along Seattle's waterways.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Sediments	3,176,623	3,867,219	4,560,404
Total	3,176,623	3,867,219	4,560,404
Full-time Equivalents Total*	7.00	7.00	7.00

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SPU - BC-SU-C360B - Combined Sewer Overflows

The purpose of the Combined Sewer Overflow (CSO) Budget Summary Level, a Capital Improvement Program funded by drainage and wastewater revenues, is to plan and construct large infrastructure systems, smaller retrofits, and green infrastructure for CSO Summary.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Combined Sewer Overflows	88,650,004	134,109,402	98,151,462
Total	88,650,004	134,109,402	98,151,462
Full-time Equivalents Total*	30.00	30.00	30.00

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SPU - BC-SU-C370B - Rehabilitation

The purpose of the Rehabilitation Budget Summary Level, a Capital Improvement Program funded by drainage and wastewater revenues, is to rehabilitate or replace existing drainage and wastewater assets in kind, to maintain the current functionality of the system.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
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Rehabilitation	28,438,599	38,267,638	40,685,437
Total	28,438,599	38,267,638	40,685,437
Full-time Equivalents Total*	30.00	30.00	30.00

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SPU - BC-SU-C380B - Flooding, Sewer Backup & Landslide

The purpose of the Flooding, Sewer Back-up, and Landslides Budget Summary Level, a Capital Improvement Program funded by drainage and wastewater revenues, is to plan, design and construct systems aimed at preventing or alleviating flooding and sewer backups in the City of Seattle, protecting public health, safety, and property. This program also protects SPU drainage and wastewater infrastructure from landslides, and makes drainage improvements where surface water generated from City rights-of-way contributes to landslides.

Program Expenditures	2020	2021	2022
	Actuals	Adopted	Proposed
Flooding, Sewer Backup & Lndsl	13,944,483	42,898,658	29,967,149
Total	13,944,483	42,898,658	29,967,149
Full-time Equivalents Total*	25.00	25.00	25.00

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SPU - BC-SU-C410B - Shared Cost Projects

The purpose of the Shared Cost Projects Budget Summary Level, which is a Capital Improvement Program, is to implement the Water, Drainage and Wastewater, and Solid Waste Utility's share of capital improvement projects that receive funding from multiple SPU funds.

Program Expenditures	2020	2021	2022
	Actuals	Adopted	Proposed
Shared Cost Projects	41,521,497	69,272,585	42,182,815
Total	41,521,497	69,272,585	42,182,815
Full-time Equivalents Total*	95.00	95.00	95.00

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SPU - BC-SU-C510B - Technology

The purpose of the Technology Budget Summary Level, a Capital Improvement Program, is to make use of technology to increase the Water, Drainage and Wastewater, and Solid Waste Utility's

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efficiency and productivity.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Technology	13,056,071	12,200,099	10,050,000
Total	13,056,071	12,200,099	10,050,000
Full-time Equivalents Total*	41.00	41.00	41.00

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SPU - BO-SU-N000B - General Expense

The purpose of the General Expense Budget Summary Level is to provide for the Utility's general expenses such as debt service, taxes and major contracts.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Budget Reserves	-	8,914,284	13,019,732
Capital Purchases	122,115	238,859	313,636
Debt Service	165,195,185	170,057,449	166,747,774
Major Contracts	286,693,118	308,299,579	302,774,050
Taxes and Fees	136,939,573	161,090,218	151,611,849
Total	588,949,991	648,600,389	634,467,041
Full-time Equivalents Total*	-	-	1.00

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The following information summarizes the programs in General Expense Budget Summary Level:

Budget Reserves

The purpose of the Budget Reserves Program is to appropriate funds to maintain a necessary working reserve for unanticipated expenditures that may develop during the fiscal year. These are important due to the utility need to plan revenue on a six-year horizon.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Budget Reserves	-	8,914,284	13,019,732

Capital Purchases

The purpose of the Capital Purchases Program is to provide appropriation for the utility to purchase equipment that cannot be purchased using bond proceeds.

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Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Capital Purchases	122,115	238,859	313,636

Debt Service

The purpose of the Debt Service Program is to provide appropriation for new bond issuance costs as well as principal and interest payments on previously issued bonds and loans.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Debt Service	165,195,185	170,057,449	166,747,774

Major Contracts

The purpose of the Major Contracts Program is to provide appropriation for large service contracts that SPU has with solid waste contractors and for water and wastewater treatment costs.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Major Contracts	286,693,118	308,299,579	302,774,050
Full Time Equivalents Total	-	-	1.00

Taxes and Fees

The purpose of the Taxes Program is to provide appropriation for payment of city and state taxes.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Taxes and Fees	136,939,573	161,090,218	151,611,849

SPU - BO-SU-N100B - Leadership and Administration

The purpose of the Leadership and Administration Budget Summary Level is to provide overall management and policy direction for Seattle Public Utilities and to provide core management and administrative services like finance, human resources, and facility management.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Citywide Indirect Costs	60,733,914	62,592,009	66,778,969
Departmental Indirect Costs	69,318,385	83,286,162	88,426,694
Divisional Indirect Costs	1,012,393	1,253,337	1,279,806
Indirect Cost Recovery Offset	(22,076,537)	(20,302,238)	(22,293,753)
Paid Time Off Indirect Costs	(1,841,519)	4,443,206	4,353,109
Pooled Benefits Indirect Costs	2,615,087	8,025,203	8,808,284
Total	109,761,724	139,297,679	147,353,108
Full-time Equivalents Total*	116.60	118.60	139.60

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The following information summarizes the programs in Leadership and Administration Budget Summary Level:

Citywide Indirect Costs

The purpose of the Citywide Indirect Costs program is to fund internal services costs originating from outside of the department such as allocated costs from the Department of Finance and Administrative Services and Seattle Information Technology Department.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Citywide Indirect Costs	60,733,914	62,592,009	66,778,969

Departmental Indirect Costs

The purpose of the Departmental Indirect Costs program is to fund costs associated with management of the department. This may include personnel costs related to department leadership and administration or other administrative costs such as external rent and operating supplies or services.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Departmental Indirect Costs	69,318,385	83,286,162	88,426,694
Full Time Equivalents Total	116.60	118.60	139.60

Divisional Indirect Costs

The purpose of the Divisional Indirect Costs program is to fund administrative costs generated by sub-departmental units.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Divisional Indirect Costs	1,012,393	1,253,337	1,279,806

Indirect Cost Recovery Offset

The purpose of the Indirect Cost Recovery Offset program is to reflect the adjustment to the Leadership and Administration BSL occurring as a result of the Utility's general and administrative overhead allocation.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Indirect Cost Recovery Offset	(22,076,537)	(20,302,238)	(22,293,753)

Paid Time Off Indirect Costs

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The purpose of the Paid Time Off program is to fund salary and benefit costs associated with City-provided leave benefits such as holiday pay, sick time, vacation time, executive leave or other leave benefits, including termination payouts for vacation and sick leave.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Paid Time Off Indirect Costs	(1,841,519)	4,443,206	4,353,109

Pooled Benefits Indirect Costs

The purpose of the Pooled Benefits program is to fund department costs associated with health and dental insurance, workers compensation, and unemployment insurance contributions.

Expenditures/FTE	2020 Actuals	2021 Adopted	2022 Proposed
Pooled Benefits Indirect Costs	2,615,087	8,025,203	8,808,284

SPU - BO-SU-N200B - Utility Service and Operations

The purpose of the Utility Service and Operations Budget Summary Level is to fund the direct delivery of essential Customer Service programs and the operating expenses for Pre-Capital Planning & Development, Project Delivery, Drainage and Wastewater, Solid Waste, Water and General Fund programs.

Program Expenditures	2020 Actuals	2021 Adopted	2022 Proposed
Customer Service	21,484,811	24,491,609	24,730,490
Drainage System	7,404,905	10,169,240	10,406,370
DWW Facilities & Equip	1,453,767	1,277,248	1,292,747
DWW System Operations	25,534,479	27,281,525	29,123,478
Emergency Response	17,433,500	2,260,259	2,360,772
Engineering	9,107,814	18,127,091	18,191,338
Pre-Capital Planning	3,462,550	4,392,736	4,243,265
Solid Waste Facilities & Equip	4,718,953	5,983,638	5,929,372
Solid Waste Operations	27,506,585	33,571,626	37,195,372
Wastewater System	11,388,263	12,825,670	13,337,154
Water Distribution System	10,150,346	12,860,675	12,954,197
Water Facilities & Equipment	2,379,938	2,961,111	2,869,012
Water Supply & Transmssn System	5,250,727	5,285,926	5,418,362
Water System Operations	25,487,188	29,590,414	44,129,291
Total	172,763,826	191,078,767	212,181,219
Full-time Equivalents Total*	932.70	937.70	952.70

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The following information summarizes the programs in Utility Service and Operations Budget Summary Level:

Customer Service

The purpose of the Customer Service Program is to provide appropriation to manage and provide customer service support for the direct delivery of programs and services.

Expenditures/FTE	2020	2021	2022
	Actuals	Adopted	Proposed
Customer Service	21,484,811	24,491,609	24,730,490
Full Time Equivalents Total	249.00	249.00	254.00

Drainage System

The purpose of the Drainage System Program is to provide appropriation for maintaining the drainage system, drainage conveyance, stormwater detention and green stormwater infrastructure.

Expenditures/FTE	2020	2021	2022
	Actuals	Adopted	Proposed
Drainage System	7,404,905	10,169,240	10,406,370
Full Time Equivalents Total	-	-	2.00

DWW Facilities & Equip

The purpose of the DWW Facilities and Equipment Program is to provide appropriation for drainage and wastewater operating and decant facilities

Expenditures/FTE	2020	2021	2022
	Actuals	Adopted	Proposed
DWW Facilities & Equip	1,453,767	1,277,248	1,292,747

DWW System Operations

The purpose of the DWW System Operations Program is to provide appropriation for drainage and wastewater overall system planning, system modeling and analysis, source control, compliance and outreach and education.

Expenditures/FTE	2020	2021	2022
	Actuals	Adopted	Proposed
DWW System Operations	25,534,479	27,281,525	29,123,478
Full Time Equivalents Total	-	-	1.00

Emergency Response

The Emergency Response Program provides appropriation to procure necessary equipment and provide maintenance and support services in case of emergencies.

Expenditures/FTE	2020	2021	2022
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	Actuals	Adopted	Proposed
Emergency Response	17,433,500	2,260,259	2,360,772

Engineering

The purpose of the Engineering Program is to provide engineering design and support services, construction inspection, and project management services to capital improvement projects and to the managers of facilities.

	2020 Actuals	2021 Adopted	2022 Proposed
Expenditures/FTE			
Engineering	9,107,814	18,127,091	18,191,338
Full Time Equivalents Total	107.00	107.00	107.00

Pre-Capital Planning

The purpose of the Pre-Capital Planning Program is to support business case development, project plans, and options analysis. This program will capture all costs associated with a project that need to be expensed during its life cycle, including any post-construction monitoring and landscape maintenance.

	2020 Actuals	2021 Adopted	2022 Proposed
Expenditures/FTE			
Pre-Capital Planning	3,462,550	4,392,736	4,243,265

Solid Waste Facilities & Equip

The purpose of the Solid Waste Facilities & Equipment Program provides appropriation to maintain and support the solid waste facilities and landfills.

	2020 Actuals	2021 Adopted	2022 Proposed
Expenditures/FTE			
Solid Waste Facilities & Equip	4,718,953	5,983,638	5,929,372
Full Time Equivalents Total	-	-	1.00

Solid Waste Operations

The purpose of the Solid Waste Operations Program provides appropriation for overall solid waste system planning, operations of the transfer stations, solid waste outreach and management of the Local Hazardous Waste Mitigation Program (LHWMP).

	2020 Actuals	2021 Adopted	2022 Proposed
Expenditures/FTE			
Solid Waste Operations	27,506,585	33,571,626	37,195,372
Full Time Equivalents Total	91.56	91.56	97.56

Wastewater System

The Wastewater System Program provides appropriation to maintain wastewater conveyance,

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pump stations and storage.

	2020	2021	2022
Expenditures/FTE	Actuals	Adopted	Proposed
Wastewater System	11,388,263	12,825,670	13,337,154
Full Time Equivalents Total	233.05	233.05	233.05

Water Distribution System

The Water Distribution System Program provides appropriation to maintain water distribution conveyance, pump stations and reservoirs.

	2020	2021	2022
Expenditures/FTE	Actuals	Adopted	Proposed
Water Distribution System	10,150,346	12,860,675	12,954,197
Full Time Equivalents Total	120.09	120.09	120.09

Water Facilities & Equipment

The Water Facilities & Equipment Program provides appropriation to maintain water storage facilities.

	2020	2021	2022
Expenditures/FTE	Actuals	Adopted	Proposed
Water Facilities & Equipment	2,379,938	2,961,111	2,869,012

Water Supply & Transmssn System

The Water Supply and Transmission System Program provides appropriation to operate and maintain the water pipelines, reservoirs and water sheds.

	2020	2021	2022
Expenditures/FTE	Actuals	Adopted	Proposed
Water Supply & Transmssn System	5,250,727	5,285,926	5,418,362

Water System Operations

The Water System Operations Program provides appropriation to plan and monitor the overall water system and water quality lab, and includes the work for the Cedar River Habitat conservation.

	2020	2021	2022
Expenditures/FTE	Actuals	Adopted	Proposed
Water System Operations	25,487,188	29,590,414	44,129,291
Full Time Equivalents Total	132.00	137.00	137.00

