

# 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 system includes approximately 448 miles of separated sanitary sewers, 968 miles of combined sewers, 477 miles of storm drains, 68 pump stations, 90 permitted combined sewer overflow outfalls, 295 storm drain outfalls, 189 stormwater quality treatment facilities, 145 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 1.4 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 two interlocal associations for distribution to their customers. The Water Utility includes 1,900 miles of pipeline, 30 pump stations, 15 treated water reservoirs, three wells and 104,000 acres in two watersheds. The Utility builds, operates and maintains the City's water infrastructure to ensure system reliability, conserve and enhance the region's environmental resources and protect public health and safety. SPU engages the community in conservation efforts to reduce water consumption.

SPU monitors its funds using financial targets and employs these metrics to communicate about the financial health of its utilities with the Mayor and Council, Seattle residents and businesses and the bond rating agencies. Financial performance metrics include net income; year-end cash balance; the amount of cash versus debt

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dedicated to the CIP; debt service coverage, which is the amount of cash available to pay annual debt service after day-to-day system expenses are paid; and, for the Drainage and Wastewater Fund, the debt to asset ratio. Due to strong financial management and a commitment on the part of elected officials to establishing prudent rates, SPU has some of the strongest bond ratings of any utility in the country. SPU's Water and Drainage and Wastewater bonds are rated one notch below the highest rating by both S&P (AA+) and Moody's (Aa1), while Solid Waste bonds, which traditionally are viewed as riskier by ratings agencies, are just slightly lower and still categorized as High Grade High Quality bonds (AA and Aa3 from the two agencies, respectively). These high ratings help SPU sell revenue bonds to fund infrastructure investments at the lowest costs possible. These lowered costs benefit the utilities and the rate payers they serve.

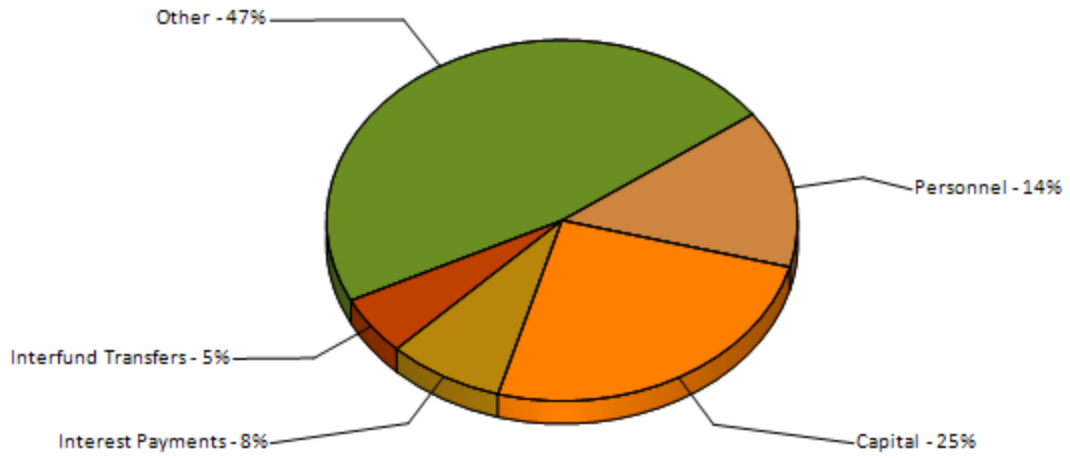
### Budget Snapshot

Department Support	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
General Fund Support	\$8,132,133	\$9,433,982	\$9,550,015	\$8,542,557
Other Funding - Operating	\$749,639,539	\$830,294,555	\$861,086,109	\$864,808,767
<b>Total Operations</b>	<b>\$757,771,672</b>	<b>\$839,728,537</b>	<b>\$870,636,124</b>	<b>\$873,351,324</b>
Other funding - Capital	\$221,906,858	\$254,430,086	\$298,285,405	\$294,067,770
<b>Total Appropriations</b>	<b>\$979,678,530</b>	<b>\$1,094,158,623</b>	<b>\$1,168,921,529</b>	<b>\$1,167,419,094</b>
Full-time Equivalent Total*	1,460.05	1,359.05	1,359.05	1,398.55

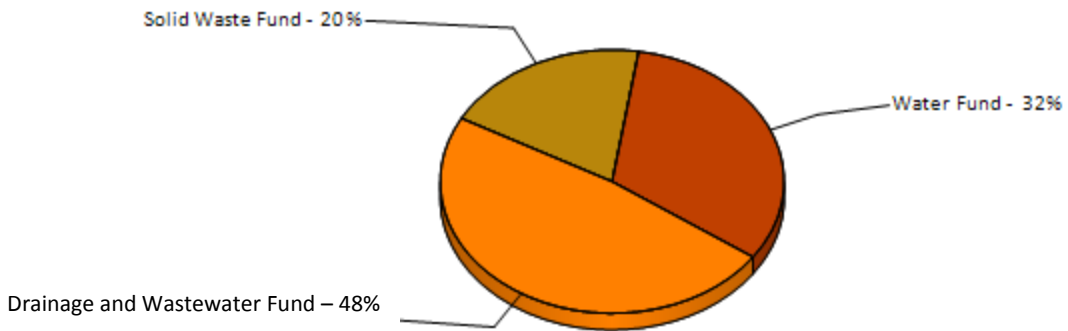
*\* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.*

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## 2018 Proposed Budget - Expenditure by Category



## 2018 Proposed Budget - Revenue by Category



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## Budget Overview

The 2018 Proposed Seattle Public Utilities (SPU) Budget includes some modifications from the 2018 Endorsed Budget that reflect the updated 2018-2023 6-year Strategic Business Plan, adopted in September 2017.

### Strategic Business Plan:

SPU developed a Strategic Business Plan, adopted in August 2014, that guides the department's operations and investments for the period of 2015-2020. A nine-member customer panel oversaw the development of the plan. The plan sets a transparent and integrated direction for all SPU utilities and contains a six-year rate path for water, drainage, wastewater, and solid waste rates. SPU has updated the plan to reflect the 2018-2023 rate period, and proposed a 6-year utility rate path.

In 2018, SPU continues with programmatic reprioritization, efficiency improvements, and refinement of the Capital Improvement Program and operating budgets outlined in the plan to streamline utility services and deliver on regulatory requirements. In this first year of the updated Strategic Business Plan, many of the budget changes for SPU reprioritize and balance project timing, resulting in a net decrease in total 2018 budget. In addition, SPU is proposing to add 39 positions (39.5 FTE) in the 2018 Proposed Budget to plan for the major investments as outlined in the Strategic Business Plan. The main areas of focus for the 2018-2023 Strategic Business Plan build upon the original 2015-2020 Strategic Business Plan.

### 2015-2020 Strategic Plan Continuing Initiatives:

- Watershed management and maintenance
- Drainage and wastewater inspection, maintenance, and rehabilitation
- Internal service improvements
- Workforce investments in training and performance
- Customer service improvements
- System planning and emergency response improvements
- Information technology coordination

### 2018-2023 Strategic Plan Update New Initiatives

- Improvements to security and asset maintenance
- Apprenticeship program investments
- Sewer repair and water distribution system investments
- Green stormwater infrastructure investments
- Information technology strategy and management

### Drainage and Wastewater Highlights

The Drainage and Wastewater Utility provides wastewater and stormwater management services to residences and businesses in the City of Seattle. It is supported almost entirely by utility fees. For wastewater, SPU collects charges based on the metered water usage via the SPU combined utility bill. For drainage, SPU charges Seattle property owner's fees based on property characteristics contributing to stormwater runoff. The drainage fee appears as a line item on King County property tax bills.

Drainage and Wastewater Rates were adopted in July 2015, and reflect an increase in the original expectations in the Strategic Business Plan. In 2018, Drainage rates will grow by 8.0%. Wastewater rates will grow by 1.2%. These rates are inclusive of King County treatment rates, which are typically added to rates charged by SPU to cover wastewater and drainage treatment costs. New Drainage and Wastewater rates will be developed in 2018 for the 2019-2021 time period.

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Environmental Compliance: Drainage and Wastewater will continue the efforts identified in the 2017 Adopted Budget to address environmental compliance through long-term issues like Combined Sewer Overflows (CSOs), National Pollutant Discharge Elimination System (NPDES) permits and contaminated soil clean-ups and containment areas. SPU will also invest additional resources to focus on CSO response. Capital program increases in the 2018-2023 Proposed CIP reprioritize and add projects based on CSO and clean-up efforts, the largest of which is the Ship Canal Water Quality Project. This project will construct a CSO overflow tunnel between Ballard and Wallingford, and is a joint project with King County.

SPU will participate in a new phased appropriation pilot to provide better oversight and transparency over the budget for the tunnel construction portion of the Ship Canal Water Quality Project during the 2018 Proposed Budget process. The Executive will work with City Council to implement this new pilot.

SPU is adding 24.5 FTEs in the Drainage and Wastewater Fund to support increased sewer repair, operations and maintenance expansion, improvements to performance and community capacity, capital project pre-planning support, security monitoring, regulatory compliance, and the drainage and wastewater apprenticeship program.

## **Solid Waste Highlights:**

The Solid Waste Utility provides collection services to residents and businesses within the City of 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 continues to experience decreased demand for services as a result of its conservation efforts to reduce solid waste and increase recycling activity.

The Solid Waste Fund expects long-term demand to remain stable, with a small decline in some sectors through 2019.

Clean City Program Expansion: The Clean City Program is the city's public garbage program which provides garbage and recycling services for city parks, public garbage and recycling receptacles, illegal dumping and abandoned vehicle response, graffiti abatement, community clean-up funding, and the above-ground rodent abatement program. In 2016, the City announced new pilot programs and expanded support for existing services related to public litter and encampment clean-up. The 2018 Proposed Budget continues funding for:

- additional Business Improvement Area (BIA) funding for litter;
- expanded outreach and capacity-building for BIAs;
- short-term neighborhood litter pick-up pilot projects;
- unsanctioned encampment waste removal pilot projects; and
- waste sharps disposal and response program.

These activities are supported by General Subfund revenues.

The City Council adopted solid waste rates in July 2016 for the three-year period of 2017-2019, effective April 1, 2017. The Council adopted rates with an increase of 7.2% in 2017, 1.9% in 2018, and 4.0% in 2019. SPU will propose new Solid Waste rates in 2019 for the 2020-2023 time period.

SPU is adding 5 FTEs in the Solid Waste Fund to support capital project pre-planning as well as asset maintenance and operations improvements.

## **Water Highlights:**

Water delivers potable water directly to retail customers both inside the City and in adjacent areas. These retail customers provide about 72% 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 represents about 21% of Water's projected operating revenues in

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2018. The remaining revenue is generated by non-rate fees and other sources, including charges and reimbursement services that Water provides on behalf of the City as well as from grants and contributions.

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 system. SPU will continue its efforts to complete reservoir retrofits and covering, water supply and asset preservation projects as detailed in the 2018-2023 Proposed CIP.

The City Council will adopt water rates for retail customers in 2017 for the 2018, 2019 and 2020 rate period. Water rates are currently proposed at 3.0% in 2018, 3.5% in 2019, and 4.0% in 2020 under the 2018-2023 Strategic Business Plan.

SPU is adding 10 FTEs in the Water Fund to support expanded maintenance of water fund assets, regulatory requirements, expanded capital project pre-planning, and the water apprentice program.

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## Incremental Budget Changes

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	2018	
	Budget	FTE
<b>Total 2018 Endorsed Budget</b>	<b>\$ 1,168,921,529</b>	<b>1,359.05</b>
<b>Baseline Changes</b>		
Citywide Adjustments for Standard Cost Changes	\$ 1,337,738	0.00
<b>Proposed Changes</b>		
Technical Adjustments	-\$ 882,974	0.00
IT Operational Portfolio	\$ 150,000	1.00
Apprenticeship Program Enhancements	\$ 344,306	2.00
Security Monitoring	\$ 135,307	1.00
Water and Sewer System Repair Crews	\$ 907,002	10.00
Asset Maintenance and Operations	\$ 1,844,167	10.00
Environmental Justice and Technical Support	\$ 182,846	4.50
Capital Support in Operations	\$ 568,487	5.00
70% Recycling Goal Investments	\$ 810,337	0.00
Regulatory Requirements	\$ 1,277,234	5.00
Department Savings and Deferrals	-\$ 4,054,250	0.00
Green Stormwater Infrastructure	\$ 95,000	1.00
Water Fund Capital Projects	\$ 7,507,992	0.00
Drainage and Wastewater Fund Capital Projects	\$ 4,537,052	0.00
Solid Waste Fund Capital Projects	-\$ 16,349,947	0.00
Technology Capital Projects	\$ 87,268	0.00
<b>Total Incremental Changes</b>	<b>-\$ 1,502,435</b>	<b>39.50</b>
<b>2018 Proposed Budget</b>	<b>\$ 1,167,419,094</b>	<b>1,398.55</b>

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## Descriptions of Incremental Budget Changes

### Baseline Changes

#### **Citywide Adjustments for Standard Cost Changes - \$1,337,738**

Citywide technical adjustments made in the baseline phase reflect changes to internal services costs, health care, and industrial insurance charges for the department. These adjustments reflect initial assumptions about these costs and inflators early in the budget process.

### Proposed Changes

#### **Technical Adjustments - (\$882,974)**

This item includes technical adjustments reflecting increases for taxes, contract savings reinvestment, and labor related adjustments. It also includes reductions to debt service, major contract savings, adjustments to central costs, and a technical transfer of budget authority to the Department of Parks and Recreation for solid waste disposal.

#### **IT Operational Portfolio - \$150,000/1.00 FTE**

This item adds 1.0 FTE Strategic Advisor 3 position to support SPU's information technology portfolio. This position would complement consolidated Seattle Department of Information Technology services, and support SPU's ongoing technology strategy and needs.

#### **Apprenticeship Program Enhancements - \$344,306/2.00 FTE**

This item expands SPU's apprenticeship program in the Drainage and Wastewater, as well as Water lines of business. This item adds 2.0 FTE Apprenticeship Coordinators to support the ongoing program, and includes additional funding for supplies and materials.

#### **Security Monitoring - \$135,307/1.00 FTE**

This item adds 1.0 FTE Security Monitoring Specialist to support new security needs as SPU adds assets and infrastructure to the water, wastewater, and drainage system. This position will support ongoing monitoring for vandalism, unauthorized entry, and other safety concerns. This item includes funding for the position as well as supplies and materials.

#### **Water and Sewer System Repair Crews - \$907,002/10.00 FTE**

This item will fund one crew of 4.0 FTEs, including two Water Pipe Workers and two Senior Water Pipe Workers to expand maintenance on fire hydrants and fire hydrant valves. This will improve SPU's ability to address gaps in maintenance across the City resulting in growth and maintenance backlogs. This item also includes funding to support a new 6.0 FTE crew to implement new sewer repair technologies. The crew includes three Drainage and Wastewater Collection Workers, two Drainage and Wastewater Collection Lead Workers, and one Drainage and Wastewater Crew Chief. The crew will use new sewer lining technology to improve efficiency of spot repairs in sewer lines that previously required underground construction. This work was previously only available through limited contract options. This change also includes funding in the Drainage and Wastewater Capital Improvement Program.



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## **Asset Maintenance and Operations - \$1,844,167/10.00 FTE**

This item supports 10.0 FTE positions to maintain efficient inventory operations, landfill management, technical support needs, ground maintenance, and wireless technology coordination. Two temporary positions will be converted to permanent Senior Warehouse positions to maintain ongoing improvements in warehouse inventory activities. Three positions will be added to support ongoing landfill management, including two Heavy Truck Drivers to support expanded compost hauling needs and one Senior Environmental Analyst to continue ongoing oversight of landfill management. SPU is also adding two positions for technical support, including one Meter Reader position and one Senior Mechanical Engineer to expand internal expertise for SPU's increasingly complex engineering projects. Two additional Gardener positions are included to help SPU maintain more drainage assets that incorporate greenspace, ponds, and Green Stormwater Infrastructure on utility-owned land. One Planning and Development Specialist will manage wireless technology coordination to improve coordinated investments in mobile technologies. This item also includes non-labor funding to support ongoing transition work for the Summit Reimplementation Project.

## **Environmental Justice and Technical Support - \$182,846/4.50 FTE**

SPU will convert four temporary positions to 4.0 FTEs, and add an additional 0.5 FTE to an existing position for expanding needs in environmental justice and financial analysis. Two temporary positions will be converted to Strategic Advisor 1 positions to support SPU's Environmental Justice and Social Equity (EJSE) Division to continue ongoing work on engaging communities of color, immigrants and refugees, customers with low income, and customers with limited English proficiency. One temporary position will be converted to a Strategic Advisor 1 to maintain ongoing change management work to improve SPU's ability to adapt to best management practices. One temporary position will be converted to a Strategic Advisor 1 to continue SPU's successful E-Learning program supporting the ongoing education of SPU employees. One part-time position will be expanded by 0.5 FTE to a full-time Accounting Tech III position to help SPU manage ongoing financial analysis needs as the department grows. Finally, this item includes non-labor funding to increase contracting with community partnerships to increase EJSE engagement with communities.

## **Capital Support in Operations - \$568,487/5.00 FTE**

This item funds operational support activities that precede or complement capital project delivery. This item converts four temporary positions into 4.0 FTEs, and adds 1.0 FTE new position. Two positions will be converted from temporary to full-time Senior Public Relations Specialists to extend and improve SPU's communications to communities around major capital projects that impact them. Two positions will be converted from temporary to full-time Management Systems Analysts to maintain consistency in cost estimation and project control. One Strategic Advisor 2 position will be added to support additional water system modeling. This item also includes non-labor funding for pre-capital planning work on Seattle Department of Transportation's Move Seattle Levy projects anticipated to impact SPU assets.

## **70% Recycling Goal Investments - \$810,337**

This item funds new activities in SPU to further the department's efforts in reaching a 70% recycling goal by encouraging waste prevention and initiating a construction waste sorting pilot. The City currently meets a target of 59% of the waste stream considered as recyclable or compostable waste. This new work will develop tools to track and measure waste prevention behavior, establish baseline data and waste characterization profiles, and implement an attitudes and behaviors survey tool to understand customer sorting behavior and barriers to waste diversion. Also included in this funding is support for a food waste prevention and recovery campaign. Finally, this change will advance a new pilot to test sorting capabilities at the South Transfer Station for construction and demolition waste, which comprises a large portion of potentially recyclable materials not currently diverted from the waste stream.

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## **Regulatory Requirements - \$1,277,234/5.00 FTE**

SPU must comply with numerous federal, state, and local regulatory requirements. This item funds 5.0 FTEs and additional non-labor funding to improve side sewer enforcement, the Utility Locate Program (Call Before You Dig), water quality sampling, facility compliance, and asset monitoring requirements. These positions include one Senior Civil Engineer to monitor and conduct side sewer enforcement policies, three Drainage and Wastewater Collection Workers to map, mark, and respond to underground utility location inquiries, and one Water Quality Analyst to support expanded coliform sampling as required by the Department of Health. This item also includes non-labor funding to increase SPU facility compliance for American Disabilities Act regulations, energy efficiency requirements, and landfill gas monitoring. Finally, \$745,000 of non-labor funding is included in this item for ongoing monitoring of wastewater outfalls, runoff water quality, and landfill and transfer station requirements.

## **Department Savings and Deferrals - (\$4,054,250)**

This item reflects strategic deferrals of major projects or direct savings due to efficiency improvements to department operations. SPU has identified improvements to project life cycle timing, permanent ongoing resources to replace temporary or contract resources, and new operational strategies that have reduced overtime and eliminated unneeded technical tools to realize savings. SPU has also identified refinements in cost estimation that have resulted in lower costs. Finally, SPU has refined capital project timing to align with the utility's Strategic Business Plan, resulting in deferred planning, consultant support, modeling, and maintenance analysis not required in 2018.

## **Green Stormwater Infrastructure - \$95,000/1.00 FTE**

As part of SPU's Strategic Business Plan, the utility will invest more in Green Stormwater Infrastructure Program projects that improve drainage and stormwater diversion through rain gardens and managed natural soil and vegetation that helps to clean and control runoff before it reaches lakes, rivers, and oceans. This item funds 1.0 FTE Strategic Advisor 2 position to help coordinate and focus the program in neighborhoods that are rapidly increasing in density and growth.

## **Water Fund Capital Projects - \$7,507,992**

Changes to the Water Fund Capital Improvement Program (CIP) reflect increases and decreases of capital projects for the 2018 Proposed Budget. Increases include higher cost estimates for feeder mains, elevated tank upgrades, seismic reservoir upgrades, and Move Seattle Levy projects in 2018. Decreases are attributable to refined cost estimates for hatchery projects and new lower cost alternatives for the Transmission Pipelines Rehabilitation project. Please refer to the 2018-2023 Proposed CIP for more detail.

## **Drainage and Wastewater Fund Capital Projects - \$4,537,052**

Changes to the Drainage and Wastewater Fund Capital Improvement Program (CIP) reflect increases, deferrals and acceleration of capital projects for the 2018 Proposed Budget. Increases include capital project resources to support the enhanced sewer repair crew funded in the Water and Sewer System Repair Crews incremental budget change. Other increases include accelerated and increased costs to conduct underground utility relocations for the Alaskan Way Viaduct, Move Seattle Levy, and other transportation projects, increases to the West Ship Canal Project for expanded design needs, as well as facility renovation costs for the new Drainage and Wastewater South Operations facility. Decreases in this change reflect the deferral of localized flood reduction projects, resequencing components of the West Ship Canal Water Quality Project, and other drainage improvement and overflow projects. These deferrals are necessary to sequence other priority projects and maintain SPU's target rate path as presented in the utility's Strategic Business Plan. Please refer to the 2018-2023 Proposed CIP for more detail.

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## **Solid Waste Fund Capital Projects - (\$16,349,947)**

Changes to the Solid Waste Fund Capital Improvement Program (CIP) reflect the deferral of the South Transfer Station Phase 2 capital project for the 2018 Proposed Budget. This deferral is needed to accommodate the sequencing of other major capital projects in the community. This item also includes small increases in heavy equipment as determined by the Solid Waste Comprehensive Plan Update, a requirement of the Washington State Department of Ecology. Please refer to the 2018-2023 Proposed CIP for more detail.

## **Technology Capital Projects - \$87,268**

Changes to the Technology Capital Improvement Program (CIP) reflect decreases, acceleration and deferrals of capital projects for the 2018 Proposed Budget. The Technology CIP funds information technology projects that support the Water, Drainage and Wastewater and Solid Waste lines of business. Increases include acceleration of work supporting the Customer Contact and Billing Program. This change defers costs for major Geographic Information Systems and Computer Aided Design and Drafting platform upgrades, project delivery enterprise systems, asset management system upgrades, and science and system performance applications to accommodate other projects. Please refer to the 2018-2023 Proposed CIP for more detail.

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## Expenditure Overview

Appropriations	Summit Code	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
<b>Drainage &amp; Wastewater Utility</b>					
<b>Administration Budget Control</b>					
Administration		18,886,347	12,922,523	13,364,541	15,279,478
General and Administrative Credit		-17,261,939	-11,600,414	-11,923,708	-12,090,656
<b>Total</b>	<b>N100B-DW</b>	<b>1,624,408</b>	<b>1,322,109</b>	<b>1,440,833</b>	<b>3,188,822</b>
<b>Combined Sewer Overflows Budget Control Level</b>	<b>C360B</b>	<b>48,825,598</b>	<b>37,290,884</b>	<b>39,482,646</b>	<b>33,136,531</b>
<b>Customer Service Budget Control Level</b>	<b>N300B-DW</b>	<b>8,521,048</b>	<b>10,498,664</b>	<b>10,758,098</b>	<b>10,885,954</b>
<b>Flooding, Sewer Back-up, and Landslides Budget Control Level</b>	<b>C380B</b>	<b>10,910,900</b>	<b>18,646,186</b>	<b>32,178,536</b>	<b>16,565,889</b>
<b>General Expense Budget Control</b>					
Debt Service		49,855,250	63,679,631	73,251,121	71,685,360
Other General Expenses		174,801,236	199,388,021	204,670,535	201,915,171
Taxes		49,167,369	51,274,136	52,654,747	54,520,036
<b>Total</b>	<b>N000B-DW</b>	<b>273,823,856</b>	<b>314,341,788</b>	<b>330,576,403</b>	<b>328,120,567</b>
<b>Other Operating Budget Control</b>					
DWW LOB		40,115,750	46,061,587	46,970,685	48,843,803
Field Operations		0	0	0	0
Pre-Capital Planning & Development		1,522,713	2,188,339	2,119,200	1,901,273
Project Delivery		12,786,400	13,228,787	13,559,706	14,229,213
Solid Waste LOB		71,829	0	0	13,322
Utility Systems Management		0	0	0	0
Water LOB		5,191,397	5,250,560	5,597,312	5,098,409
<b>Total</b>	<b>N400B-DW</b>	<b>59,688,089</b>	<b>66,729,273</b>	<b>68,246,903</b>	<b>70,086,020</b>
<b>Protection of Beneficial Uses Budget Control Level</b>	<b>C333B</b>	<b>3,421,127</b>	<b>9,897,378</b>	<b>10,283,913</b>	<b>11,730,529</b>
<b>Rehabilitation Budget Control Level</b>	<b>C370B</b>	<b>18,872,736</b>	<b>29,774,678</b>	<b>36,603,112</b>	<b>39,088,532</b>
<b>Sediments Budget Control Level</b>	<b>C350B</b>	<b>3,732,216</b>	<b>6,854,789</b>	<b>6,552,998</b>	<b>6,489,059</b>
<b>Shared Cost Projects Budget Control Level</b>	<b>C410B-DW</b>	<b>24,706,300</b>	<b>23,446,404</b>	<b>33,004,611</b>	<b>55,632,328</b>
<b>Technology Budget Control Level</b>	<b>C510B-DW</b>	<b>8,607,314</b>	<b>11,185,051</b>	<b>6,161,485</b>	<b>6,134,896</b>

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## Solid Waste Utility

### Administration Budget Control

Administration		7,276,231	5,984,704	6,075,861	6,790,508
General and Administrative Credit		-3,680,840	-1,492,226	-1,490,876	-2,242,832
<b>Total</b>	<b>N100B-SW</b>	<b>3,595,391</b>	<b>4,492,478</b>	<b>4,584,985</b>	<b>4,547,676</b>

<b>Customer Service Budget Control Level</b>	<b>N300B-SW</b>	<b>10,223,678</b>	<b>11,879,025</b>	<b>12,060,301</b>	<b>11,359,669</b>
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### General Expense Budget Control

Debt Service		15,841,035	16,376,671	16,306,288	16,177,625
Other General Expenses		115,764,643	123,338,864	127,360,361	126,801,961
Taxes		21,949,874	25,967,732	27,435,605	27,449,925
<b>Total</b>	<b>N000B-SW</b>	<b>153,555,551</b>	<b>165,683,267</b>	<b>171,102,254</b>	<b>170,429,511</b>

<b>New Facilities Budget Control Level</b>	<b>C230B</b>	<b>16,987,461</b>	<b>7,823,757</b>	<b>19,672,816</b>	<b>3,623,202</b>
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### Other Operating Budget Control

DWW LOB		85,649	80,442	82,072	45,333
Field Operations		0	0	0	0
Pre-Capital Planning & Development		235,492	170,071	173,481	170,789
Project Delivery		1,130,951	1,232,921	1,257,535	1,293,999
Solid Waste LOB		18,159,874	21,778,290	22,301,912	24,120,746
Utility Systems Management		0	0	0	0
Water LOB		570,750	469,472	477,015	292,673
<b>Total</b>	<b>N400B-SW</b>	<b>20,182,716</b>	<b>23,731,196</b>	<b>24,292,015</b>	<b>25,923,540</b>

<b>Rehabilitation and Heavy Equipment Budget Control Level</b>	<b>C240B</b>	<b>38,170</b>	<b>400,000</b>	<b>120,000</b>	<b>270,000</b>
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<b>Shared Cost Projects Budget Control Level</b>	<b>C410B-SW</b>	<b>1,795,714</b>	<b>2,921,977</b>	<b>2,343,914</b>	<b>1,893,581</b>
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<b>Technology Budget Control Level</b>	<b>C510B-SW</b>	<b>6,815,783</b>	<b>5,864,014</b>	<b>2,750,610</b>	<b>3,243,789</b>
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## Water Utility

### Administration Budget Control

Administration		20,085,443	14,802,695	15,197,278	17,042,019
General and Administrative Credit		-11,981,825	-7,198,867	-6,758,941	-7,510,262
<b>Total</b>	<b>N100B-WU</b>	<b>8,103,618</b>	<b>7,603,828</b>	<b>8,438,337</b>	<b>9,531,757</b>

<b>Customer Service Budget Control Level</b>	<b>N300B-WU</b>	<b>10,133,473</b>	<b>12,343,177</b>	<b>12,680,694</b>	<b>12,657,572</b>
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<b>Distribution Budget Control</b>	<b>C110B</b>	<b>24,946,413</b>	<b>28,295,498</b>	<b>27,895,207</b>	<b>34,686,903</b>
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## Seattle Public Utilities

**Level**

**General Expense Budget Control**

Debt Service		83,289,590	83,472,461	85,612,088	85,734,229
Other General Expenses		24,980,055	33,674,599	34,555,663	33,664,371
Taxes		42,128,072	42,293,582	44,090,410	44,650,169
<b>Total</b>	<b>N000B-WU</b>	<b>150,397,717</b>	<b>159,440,642</b>	<b>164,258,161</b>	<b>164,048,769</b>

<b>Habitat Conservation Program Budget Control Level</b>	<b>C160B</b>	<b>2,040,531</b>	<b>2,105,933</b>	<b>2,606,331</b>	<b>1,959,331</b>
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**Other Operating Budget Control**

DWW LOB		187,214	179,311	181,380	180,967
Field Operations		0	0	0	0
Pre-Capital Planning & Development		2,035,010	1,784,392	1,798,197	1,786,742
Water LOB		48,546,216	52,483,442	52,699,804	53,093,779
Project Delivery		7,063,900	7,215,945	7,517,759	7,493,327
Solid Waste LOB		89,787	0	0	16,652
Utility Systems Management		0	0	0	0
<b>Total</b>	<b>N400B-WU</b>	<b>57,922,127</b>	<b>61,663,090</b>	<b>62,197,140</b>	<b>62,571,467</b>

<b>Shared Cost Projects Budget Control Level</b>	<b>C410B-WU</b>	<b>18,781,828</b>	<b>35,633,742</b>	<b>38,399,445</b>	<b>51,027,150</b>
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<b>Technology Budget Control Level</b>	<b>C510B-WU</b>	<b>9,234,409</b>	<b>11,733,604</b>	<b>7,409,884</b>	<b>7,030,562</b>
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<b>Transmission Budget Control Level</b>	<b>C120B</b>	<b>2,639,084</b>	<b>5,529,397</b>	<b>22,430,952</b>	<b>9,661,995</b>
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<b>Water Quality &amp; Treatment Budget Control Level</b>	<b>C140B</b>	<b>1,381,522</b>	<b>8,694,366</b>	<b>635,000</b>	<b>2,362,763</b>
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<b>Water Resources Budget Control Level</b>	<b>C150B</b>	<b>17,924,673</b>	<b>8,265,947</b>	<b>8,776,459</b>	<b>8,553,244</b>
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<b>Watershed Stewardship Budget Control Level</b>	<b>C130B</b>	<b>245,079</b>	<b>66,481</b>	<b>977,486</b>	<b>977,486</b>
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<b>Department Total</b>		<b>979,678,530</b>	<b>1,094,158,623</b>	<b>1,168,921,529</b>	<b>1,167,419,094</b>
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<b>Department Full-time Equivalents Total*</b>		<b>1,460.05</b>	<b>1,359.05</b>	<b>1,359.05</b>	<b>1,398.55</b>
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*\* FTE totals are provided for information purposes only. Changes in FTEs resulting from City Council or Human Resources Director actions outside of the budget process may not be detailed here.*

# Seattle Public Utilities

## Revenue Overview

### 2018 Estimated Revenues

Summit Code	Source	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
408000	Capital Grants and Contributions (excluding donated assets)	1,426,856	1,815,257	1,382,322	1,932,018
437010	Call Center Reimbursement from SCL	2,043,002	1,644,428	1,702,341	1,702,341
443210	GIS (N2419)	561,070	0	0	0
443510	Wastewater Utility Services	258,442,299	271,128,247	273,069,847	273,069,847
443610	Drainage Utility Services	107,826,936	118,197,223	126,968,005	126,968,005
443691	Side Sewer Permit Fees	1,615,949	1,703,946	1,703,946	1,703,946
443694	Drainage Permit Fees	519,916	285,645	285,645	285,645
461110	Build America Bond Interest Income	1,757,107	1,747,993	1,747,993	1,747,993
469990	Other Operating Revenues	346,065	422,338	426,607	426,607
469990	Transfer from Construction Fund	84,605,574	98,867,581	124,704,772	131,432,394
479010	Operating Grants	1,053,743	500,000	500,000	500,000
543210	CGDB Reimbursements (N2418)	1,573,823	0	0	2,159,788
543210	Parks & Other City Depts. (N4405)	87,900	71,363	74,440	74,440
543210	ReLeaf reimbursement - SCL	86,024	90,009	91,965	99,602
543210	SCL Fund (N4403)	199,044	796,321	821,265	821,265
543210	SDOT Fund (N4404)	2,062,856	2,471,169	2,555,941	2,555,941
543211	GF - Various GIS and Eng Services	1,532,002	968,370	984,346	1,120,950
	<b>Total Drainage and Wastewater Fund</b>	<b>465,740,166</b>	<b>500,709,890</b>	<b>537,019,435</b>	<b>546,600,782</b>
408000	Other Nonoperating Revenue	40,998	3,482	25,154	25,154
437010	Operating Fees, Contributions and grants	604,016	750,000	750,000	750,000
443450	Recycling Processing Revenues	5,795,770	7,061,755	7,154,782	7,154,782
443710	Commercial Services	56,180,874	58,559,132	60,168,172	60,168,172
443710	Residential Services	117,410,467	125,649,187	129,878,917	129,878,917
443741	Recycling and Disposal Station Charges	8,093,913	10,007,607	10,224,741	10,224,741
443745	Comm'l Disposal (Longhaul) Charges	1,124,006	709,266	780,267	780,267
469990	Other Operating Revenue	18,473	45,932	27,177	27,177
481200	Transfers from Construction Fund	14,788,169	9,567,350	0	0
543210	GF - Various Clean City Prgms	6,600,131	8,465,612	8,565,669	7,421,607
543210	Revenue Stabilization Subfund	-6,600,000	0	0	0

## Seattle Public Utilities

705000	Call Center Reimbursement from SCL	2,043,002	1,644,428	1,702,341	1,702,341
705000	KC Reimb for Local Hzrd Waste Mgt Prgm	3,596,321	2,833,615	2,836,879	2,836,879
	<b>Total Solid Waste Fund</b>	<b>209,696,140</b>	<b>225,297,366</b>	<b>222,114,099</b>	<b>220,970,037</b>
408000	Other Non-Operating Revenue	412,435	1,775,508	1,360,460	448,438
408000	Reimbursable Services for External Parties	461,649	68,125	70,050	70,050
437010	Operating Grants	264,979	0	0	0
443410	Retail Water Sales	180,371,793	186,255,548	194,139,357	197,274,056
443420	GF - Public Fire Hydrant Reimbursement	8,232,366	8,512,000	8,812,000	9,540,000
443420	Water Service for Fire Protection	7,998,524	9,338,452	198,498	120,773
443420	Wholesale Water Sales	52,080,701	48,428,606	60,654,174	62,639,423
443450	Facilities Charges	979,124	911,239	450,000	450,000
443450	Tap Fees	7,837,010	6,663,516	6,746,810	6,746,810
461110	Build America Bond Interest Income	2,013,798	1,983,904	1,983,904	1,983,904
462500	Rentals--Non-City	594,819	600,720	615,738	615,738
469990	Other Operating Revenues	8,701,917	2,496,960	2,559,383	2,445,232
479010	Capital Grants and Contributions	18,393,376	4,839,712	4,901,355	12,907,729
481200	Public Works Loan Proceeds	3,562,389	3,000,000	0	0
481200	Transfers from Construction Fund	29,040,156	70,595,140	76,500,250	65,298,497
587000	Revenue Stabilization Subfund	-5,265,660	5,800,000	-3,700,000	3,000,000
587000	Revenue Stabilization Subfund - BPA Acct	0	200,000	0	200,000
705000	Call Center Reimbursement from SCL	2,104,912	1,694,259	1,753,928	1,753,928
	<b>Total Water Fund</b>	<b>317,784,288</b>	<b>353,163,689</b>	<b>357,045,907</b>	<b>365,494,578</b>
	<b>Total Revenues</b>	<b>993,220,594</b>	<b>1,079,170,945</b>	<b>1,116,179,441</b>	<b>1,133,065,397</b>
379100	Decrease (Increase) in Working Capital	-3,006,574	29,277,313	38,058,051	34,458,345
	<b>Total Drainage and Wastewater Fund</b>	<b>-3,006,574</b>	<b>29,277,313</b>	<b>38,058,051</b>	<b>34,458,345</b>
379100	Decrease (Increase) in Working Capital	3,498,325	-2,501,652	14,346,790	320,930
	<b>Total Solid Waste Fund</b>	<b>3,498,325</b>	<b>-2,501,652</b>	<b>14,346,790</b>	<b>320,930</b>
379100	Decrease (Increase) in Working Capital	-14,033,815	-11,787,983	337,247	-425,578
	<b>Total Water Fund</b>	<b>-14,033,815</b>	<b>-11,787,983</b>	<b>337,247</b>	<b>-425,578</b>
	<b>Total Resources</b>	<b>979,678,530</b>	<b>1,094,158,623</b>	<b>1,168,921,529</b>	<b>1,167,419,094</b>



# Seattle Public Utilities

## Appropriations By Budget Control Level (BCL) and Program

### Administration Budget Control Level

The purpose of the Drainage and Wastewater Utility Administration Budget Control Level is to provide overall management and policy direction for Seattle Public Utilities and, more specifically, for the Drainage and Wastewater Utility, and to provide core financial, human resource, and information technology services.

	2016	2017	2018	2018
<b>Program Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Administration	18,886,347	12,922,523	13,364,541	15,279,478
General and Administrative Credit	-17,261,939	-11,600,414	-11,923,708	-12,090,656
<b>Total</b>	<b>1,624,408</b>	<b>1,322,109</b>	<b>1,440,833</b>	<b>3,188,822</b>
Full-time Equivalents Total*	68.75	19.75	19.75	29.25

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

**The following information summarizes the programs in Administration Budget Control Level:**

#### **Administration Program**

The purpose of the Drainage and Wastewater Utility Administration Program is to provide overall management and policy direction for Seattle Public Utilities and, more specifically, for the Drainage and Wastewater Utility, and to provide core financial, human resource, and information technology services to the entire department.

	2016	2017	2018	2018
<b>Expenditures/FTE</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Administration	18,886,347	12,922,523	13,364,541	15,279,478
Full-time Equivalents Total	68.75	19.75	19.75	29.25

#### **General and Administrative Credit Program**

The purpose of the Drainage and Wastewater Utility's General and Administrative Credit Program is to provide appropriation for indirect cost allocation recovery, fringe overhead, and equipment depreciation.

	2016	2017	2018	2018
<b>Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
General and Administrative Credit	-17,261,939	-11,600,414	-11,923,708	-12,090,656

## Seattle Public Utilities

### **Combined Sewer Overflows Budget Control Level**

The purpose of the Drainage and Wastewater Utility Combined Sewer Overflow (CSO) Budget Control 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 control.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Combined Sewer Overflows	48,825,598	37,290,884	39,482,646	33,136,531
<b>Total</b>	<b>48,825,598</b>	<b>37,290,884</b>	<b>39,482,646</b>	<b>33,136,531</b>
Full-time Equivalents Total*	30.00	30.00	30.00	30.00

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### **Customer Service Budget Control Level**

The purpose of the Drainage and Wastewater Utility Customer Service Budget Control Level is to provide customer service in the direct delivery of essential programs and services that anticipate and respond to customer expectations.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Customer Service	8,521,048	10,498,664	10,758,098	10,885,954
<b>Total</b>	<b>8,521,048</b>	<b>10,498,664</b>	<b>10,758,098</b>	<b>10,885,954</b>
Full-time Equivalents Total*	60.50	60.50	60.50	61.50

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### **Flooding, Sewer Back-up, and Landslides Budget Control Level**

The purpose of the Drainage and Wastewater Utility Flooding, Sewer Back-up, and Landslides Budget Control 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.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Flooding, Sewer Back-up, and Landslides	10,910,900	18,646,186	32,178,536	16,565,889
<b>Total</b>	<b>10,910,900</b>	<b>18,646,186</b>	<b>32,178,536</b>	<b>16,565,889</b>
Full-time Equivalents Total*	25.00	25.00	25.00	25.00

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# Seattle Public Utilities

## General Expense Budget Control Level

The purpose of the Drainage and Wastewater Utility General Expense Budget Control Level is to appropriate funds to pay the Drainage and Wastewater Utility's general expenses.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Debt Service	49,855,250	63,679,631	73,251,121	71,685,360
Other General Expenses	174,801,236	199,388,021	204,670,535	201,915,171
Taxes	49,167,369	51,274,136	52,654,747	54,520,036
<b>Total</b>	<b>273,823,856</b>	<b>314,341,788</b>	<b>330,576,403</b>	<b>328,120,567</b>
Full-time Equivalents Total*	0.50	0.50	0.50	0.50

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

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

### Debt Service Program

The purpose of the Drainage and Wastewater Utility Debt Service Program is to provide appropriation for debt service on Drainage and Wastewater Utility bonds.

Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Debt Service	49,855,250	63,679,631	73,251,121	71,685,360

### Other General Expenses Program

The purpose of the Drainage and Wastewater Utility Other General Expenses Program is to appropriate funds for SPU's share of City central costs, claims, contracts, and other general expenses.

Expenditures/FTE	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Other General Expenses	174,801,236	199,388,021	204,670,535	201,915,171
Full-time Equivalents Total	0.50	0.50	0.50	0.50

### Taxes Program

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

Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Taxes	49,167,369	51,274,136	52,654,747	54,520,036

## Seattle Public Utilities

### Other Operating Budget Control Level

The purpose of the Other Operating Budget Control Level is to fund the Drainage and Wastewater Utility's operating expenses for Field Operations, Pre-Capital Planning & Development, Project Delivery, Utility Systems Management, DWW LOB, Solid Waste LOB, and Water LOB programs.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
DWW LOB	40,115,750	46,061,587	46,970,685	48,843,803
Pre-Capital Planning & Development	1,522,713	2,188,339	2,119,200	1,901,273
Project Delivery	12,786,400	13,228,787	13,559,706	14,229,213
Solid Waste LOB	71,829	0	0	13,322
Water LOB	5,191,397	5,250,560	5,597,312	5,098,409
<b>Total</b>	<b>59,688,089</b>	<b>66,729,273</b>	<b>68,246,903</b>	<b>70,086,020</b>
Full-time Equivalents Total*	82.00	80.00	80.00	94.00

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**The following information summarizes the programs in Other Operating Budget Control Level:**

#### **DWW LOB Program**

The purpose of the Drainage and Wastewater Line of Business Program is to manage sewage and stormwater to protect public health as required by the Environmental Protection Agency and state regulatory agencies. This includes efforts to inspect, clean, and maintain systems, educate customers to keep things out of the system that contribute to flooding and runoff pollution, and to ensure the system meets population growth and development needs. Costs for the Drainage and Wastewater Line of Business can apply to other utility lines of business through shared services.

Expenditures/FTE	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
DWW LOB	40,115,750	46,061,587	46,970,685	48,843,803
Full-time Equivalents Total	0.00	0.00	0.00	14.00

#### **Pre-Capital Planning & Development Program**

The purpose of the Drainage and Wastewater Utility Pre-Capital Planning & Development Program is to support business case development, project plans, and options analysis for the drainage and wastewater system. 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.

Expenditures/FTE	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Pre-Capital Planning & Development	1,522,713	2,188,339	2,119,200	1,901,273
Full-time Equivalents Total	0.00	-2.00	-2.00	-2.00

# Seattle Public Utilities

## Project Delivery Program

The purpose of the Drainage and Wastewater Utility Project Delivery Program is to provide engineering design and support services, construction inspection, and project management services to Drainage and Wastewater Utility's capital improvement projects and to the managers of drainage and wastewater facilities.

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Project Delivery	12,786,400	13,228,787	13,559,706	14,229,213
Full-time Equivalents Total	81.00	81.00	81.00	81.00

## Solid Waste LOB Program

The purpose of the Solid Waste Line of Business Program is to manage garbage, recycling, and yard waste collection, and to educate customers to encourage the composting of yard waste and organics, recycling, and garbage reduction. This program includes operating Seattle's two garbage and recycling transfer stations. Costs for the Solid Waste Line of Business can apply to other Utility lines of business through shared services.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
Solid Waste LOB	71,829	0	0	13,322

## Water LOB Program

The purpose of the Water Line of Business Program is to manage, treat, and reliably deliver high-quality drinking water. The Water Line of Business also promotes wise water use, and manages the Cedar and Tolt watersheds, dams, and water storage facilities to ensure the system meets population growth and development needs. Costs for the Water Lines of Business can apply to other utility lines of business through shared services.

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Water LOB	5,191,397	5,250,560	5,597,312	5,098,409
Full-time Equivalents Total	1.00	1.00	1.00	1.00

## Protection of Beneficial Uses Budget Control Level

The purpose of the Drainage and Wastewater Utility Protection of Beneficial Uses Budget Control 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 stormwater runoff on creeks and receiving waters by improving water quality and protecting or enhancing habitat.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Protection of Beneficial Uses	3,421,127	9,897,378	10,283,913	11,730,529
<b>Total</b>	<b>3,421,127</b>	<b>9,897,378</b>	<b>10,283,913</b>	<b>11,730,529</b>
Full-time Equivalents Total*	15.00	15.00	15.00	15.00

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## Seattle Public Utilities

### Rehabilitation Budget Control Level

The purpose of the Drainage and Wastewater Utility Rehabilitation Budget Control 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	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Rehabilitation	18,872,736	29,774,678	36,603,112	39,088,532
<b>Total</b>	<b>18,872,736</b>	<b>29,774,678</b>	<b>36,603,112</b>	<b>39,088,532</b>
Full-time Equivalents Total*	30.00	30.00	30.00	30.00

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

### Sediments Budget Control Level

The purpose of the Drainage and Wastewater Utility Sediments Budget Control 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	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Sediments	3,732,216	6,854,789	6,552,998	6,489,059
<b>Total</b>	<b>3,732,216</b>	<b>6,854,789</b>	<b>6,552,998</b>	<b>6,489,059</b>
Full-time Equivalents Total*	7.00	7.00	7.00	7.00

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

### Shared Cost Projects Budget Control Level

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

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Shared Cost Projects	24,706,300	23,446,404	33,004,611	55,632,328
<b>Total</b>	<b>24,706,300</b>	<b>23,446,404</b>	<b>33,004,611</b>	<b>55,632,328</b>
Full-time Equivalents Total*	39.00	39.00	39.00	39.00

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

## Seattle Public Utilities

### **Technology Budget Control Level**

The purpose of the Drainage and Wastewater Utility Technology Budget Control Level, a Capital Improvement Program, is to make use of recent technology advances to increase the Drainage and Wastewater Utility's efficiency and productivity.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Technology	8,607,314	11,185,051	6,161,485	6,134,896
<b>Total</b>	<b>8,607,314</b>	<b>11,185,051</b>	<b>6,161,485</b>	<b>6,134,896</b>
Full-time Equivalents Total*	13.00	13.00	13.00	13.00

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

### **Administration Budget Control Level**

The purpose of the Solid Waste Utility Administration Budget Control Level is to provide overall management and policy direction for Seattle Public Utilities, and, more specifically, for the Solid Waste Utility, and to provide core financial, human resource, and information technology services.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Administration	7,276,231	5,984,704	6,075,861	6,790,508
General and Administrative Credit	-3,680,840	-1,492,226	-1,490,876	-2,242,832
<b>Total</b>	<b>3,595,391</b>	<b>4,492,478</b>	<b>4,584,985</b>	<b>4,547,676</b>
Full-time Equivalents Total*	28.50	15.50	15.50	15.50

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

***The following information summarizes the programs in Administration Budget Control Level:***

#### **Administration Program**

The purpose of the Solid Waste Utility Administration Program is to provide overall management and policy direction for Seattle Public Utilities, and, more specifically, for the Solid Waste Utility, and to provide core financial, human resource, and information technology services to the entire department.

<b>Expenditures/FTE</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Administration	7,276,231	5,984,704	6,075,861	6,790,508
Full-time Equivalents Total	28.50	15.50	15.50	15.50

# Seattle Public Utilities

## General and Administrative Credit Program

The purpose of the Solid Waste Utility's General and Administrative Credit Program is to provide appropriation for indirect cost allocation recovery, fringe overhead, and equipment depreciation.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
General and Administrative Credit	-3,680,840	-1,492,226	-1,490,876	-2,242,832

## Customer Service Budget Control Level

The purpose of the Solid Waste Utility Customer Service Budget Control Level is to provide customer service in the direct delivery of programs and services.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Customer Service	10,223,678	11,879,025	12,060,301	11,359,669
<b>Total</b>	<b>10,223,678</b>	<b>11,879,025</b>	<b>12,060,301</b>	<b>11,359,669</b>
Full-time Equivalents Total*	86.50	86.50	86.50	86.50

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

## General Expense Budget Control Level

The purpose of the Solid Waste Utility General Expense Budget Control Level is to provide appropriation to pay the Solid Waste Utility's general expenses.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Debt Service	15,841,035	16,376,671	16,306,288	16,177,625
Other General Expenses	115,764,643	123,338,864	127,360,361	126,801,961
Taxes	21,949,874	25,967,732	27,435,605	27,449,925
<b>Total</b>	<b>153,555,551</b>	<b>165,683,267</b>	<b>171,102,254</b>	<b>170,429,511</b>



# Seattle Public Utilities

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

## Debt Service Program

The purpose of the Solid Waste Utility Debt Service Program is to appropriate funds for debt service on Solid Waste Utility bonds.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
Debt Service	15,841,035	16,376,671	16,306,288	16,177,625

## Other General Expenses Program

The purpose of the Solid Waste Utility Other General Expenses Program is to appropriate funds for SPU's share of City central costs, claims, contracts, and other general expenses.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
Other General Expenses	115,764,643	123,338,864	127,360,361	126,801,961

## Taxes Program

The purpose of the Solid Waste Utility Taxes Program is to appropriate funds for payment of city and state taxes.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
Taxes	21,949,874	25,967,732	27,435,605	27,449,925

## New Facilities Budget Control Level

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

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
New Facilities	16,987,461	7,823,757	19,672,816	3,623,202
<b>Total</b>	<b>16,987,461</b>	<b>7,823,757</b>	<b>19,672,816</b>	<b>3,623,202</b>
Full-time Equivalents Total*	9.00	9.00	9.00	9.00

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# Seattle Public Utilities

## **Other Operating Budget Control Level**

The purpose of the Other Operating Budget Control Level is to fund the Solid Waste Utility's operating expenses for Field Operations, Pre-Capital Planning & Development, Project Delivery, Utility Systems Management, DWW LOB, Solid Waste LOB, and Water LOB programs.

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
<b>Program Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
DWW LOB	85,649	80,442	82,072	45,333
Pre-Capital Planning & Development	235,492	170,071	173,481	170,789
Project Delivery	1,130,951	1,232,921	1,257,535	1,293,999
Solid Waste LOB	18,159,874	21,778,290	22,301,912	24,120,746
Water LOB	570,750	469,472	477,015	292,673
<b>Total</b>	<b>20,182,716</b>	<b>23,731,196</b>	<b>24,292,015</b>	<b>25,923,540</b>
Full-time Equivalents Total*	2.00	6.00	6.00	11.00

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

**The following information summarizes the programs in Other Operating Budget Control Level:**

### **DWW LOB Program**

The purpose of the Drainage and Wastewater Line of Business Program is to manage sewage and stormwater to protect public health as required by the Environmental Protection Agency and state regulatory agencies. This includes efforts to inspect, clean, and maintain systems, educate customers to keep things out of the system that contribute to flooding and runoff pollution, and to ensure the system meets population growth and development needs. Costs for the Drainage and Wastewater Line of Business can apply to other utility lines of business through shared services.

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
<b>Expenditures/FTE</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
DWW LOB	85,649	80,442	82,072	45,333
Full-time Equivalents Total	2.00	2.00	2.00	2.00

### **Pre-Capital Planning & Development Program**

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

	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
<b>Expenditures/FTE</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Pre-Capital Planning & Development	235,492	170,071	173,481	170,789
Full-time Equivalents Total	0.00	-1.00	-1.00	-1.00

# Seattle Public Utilities

## Project Delivery Program

The purpose of the Solid Waste Utility Project Delivery Program is to provide engineering design and support services, construction inspection, and project management services to Solid Waste Fund capital improvement projects, and to solid waste facility managers.

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Project Delivery	1,130,951	1,232,921	1,257,535	1,293,999
Full-time Equivalents Total	0.00	0.00	0.00	2.00

## Solid Waste LOB Program

The purpose of the Solid Waste Line of Business Program is to manage garbage, recycling, and yard waste collection, and to educate customers to encourage the composting of yard waste and organics, recycling, and garbage reduction. This program includes operating Seattle's two garbage and recycling transfer stations. Costs for the Solid Waste Line of Business can apply to other Utility lines of business through shared services.

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Solid Waste LOB	18,159,874	21,778,290	22,301,912	24,120,746
Full-time Equivalents Total	0.00	5.00	5.00	8.00

## Water LOB Program

The purpose of the Water Line of Business Program is to manage, treat, and reliably deliver high-quality drinking water. The Water Line of Business also promotes wise water use, and manages the Cedar and Tolt watersheds, dams, and water storage facilities to ensure the system meets population growth and development needs. Costs for the Water Lines of Business can apply to other utility lines of business through shared services.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
Water LOB	570,750	469,472	477,015	292,673

## **Rehabilitation and Heavy Equipment Budget Control Level**

The purpose of the Solid Waste Utility Rehabilitation and Heavy Equipment Budget Control 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.

	2016	2017	2018	2018
Program Expenditures	Actuals	Adopted	Endorsed	Proposed
Rehabilitation and Heavy Equipment	38,170	400,000	120,000	270,000
<b>Total</b>	<b>38,170</b>	<b>400,000</b>	<b>120,000</b>	<b>270,000</b>

## Seattle Public Utilities

### Shared Cost Projects Budget Control Level

The purpose of the Solid Waste Utility Shared Cost Projects Budget Control Level, a Solid Waste Capital Improvement Program, is to implement the Solid Waste Utility's share of capital improvement projects that receive funding from multiple SPU funds and will benefit the Solid Waste Fund.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Shared Cost Projects	1,795,714	2,921,977	2,343,914	1,893,581
<b>Total</b>	<b>1,795,714</b>	<b>2,921,977</b>	<b>2,343,914</b>	<b>1,893,581</b>

### Technology Budget Control Level

The purpose of the Solid Waste Utility Technology Budget Control Level, a Capital Improvement Program, is to make use of technology to increase the Solid Waste Utility's efficiency and productivity.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Technology	6,815,783	5,864,014	2,750,610	3,243,789
<b>Total</b>	<b>6,815,783</b>	<b>5,864,014</b>	<b>2,750,610</b>	<b>3,243,789</b>
Full-time Equivalents Total*	6.00	6.00	6.00	6.00

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

### Administration Budget Control Level

The purpose of the Water Utility Administration Budget Control Level is to provide overall management and policy direction for Seattle Public Utilities, and, more specifically, for the Water Utility, and to provide core financial, human resource, and information technology services.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Administration	20,085,443	14,802,695	15,197,278	17,042,019
General and Administrative Credit	-11,981,825	-7,198,867	-6,758,941	-7,510,262
<b>Total</b>	<b>8,103,618</b>	<b>7,603,828</b>	<b>8,438,337</b>	<b>9,531,757</b>
Full-time Equivalents Total*	99.10	61.10	61.10	64.10

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

# Seattle Public Utilities

*The following information summarizes the programs in Administration Budget Control Level:*

## Administration Program

The purpose of the Water Utility Administration Program is to provide overall management and policy direction for Seattle Public Utilities, and, more specifically, for the Water Utility, and to provide core financial, human resource, and information technology services to the entire department.

	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
<b>Expenditures/FTE</b>				
Administration	20,085,443	14,802,695	15,197,278	17,042,019
Full-time Equivalents Total	99.10	61.10	61.10	64.10

## General and Administrative Credit Program

The purpose of the Water Utility's General and Administrative Credit Program is to provide appropriation for indirect cost allocation recovery, fringe overhead, and equipment depreciation.

	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
<b>Expenditures</b>				
General and Administrative Credit	-11,981,825	-7,198,867	-6,758,941	-7,510,262

## Customer Service Budget Control Level

The purpose of the Water Utility Customer Service Budget Control Level is to provide customer service in the direct delivery of programs and services.

	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
<b>Program Expenditures</b>				
Customer Service	10,133,473	12,343,177	12,680,694	12,657,572
<b>Total</b>	<b>10,133,473</b>	<b>12,343,177</b>	<b>12,680,694</b>	<b>12,657,572</b>
Full-time Equivalents Total*	86.00	86.00	86.00	86.00

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

## Distribution Budget Control Level

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

	2016 Actuals	2017 Adopted	2018 Endorsed	2018 Proposed
<b>Program Expenditures</b>				
Distribution	24,946,413	28,295,498	27,895,207	34,686,903
<b>Total</b>	<b>24,946,413</b>	<b>28,295,498</b>	<b>27,895,207</b>	<b>34,686,903</b>
Full-time Equivalents Total*	79.00	79.00	79.00	79.00

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

## Seattle Public Utilities

### General Expense Budget Control Level

The purpose of the Water Utility General Expense Budget Control Level is to appropriate funds to pay the Water Utility's general expenses.

	2016	2017	2018	2018
<b>Program Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Debt Service	83,289,590	83,472,461	85,612,088	85,734,229
Other General Expenses	24,980,055	33,674,599	34,555,663	33,664,371
Taxes	42,128,072	42,293,582	44,090,410	44,650,169
<b>Total</b>	<b>150,397,717</b>	<b>159,440,642</b>	<b>164,258,161</b>	<b>164,048,769</b>

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

#### **Debt Service Program**

The purpose of the Water Utility Debt Service Program is to appropriate funds for debt service on Water Utility bonds.

	2016	2017	2018	2018
<b>Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Debt Service	83,289,590	83,472,461	85,612,088	85,734,229

#### **Other General Expenses Program**

The purpose of the Water Utility Other General Expenses Program is to appropriate funds for SPU's share of City central costs, claims, contracts, and other general expenses.

	2016	2017	2018	2018
<b>Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Other General Expenses	24,980,055	33,674,599	34,555,663	33,664,371

#### **Taxes Program**

The purpose of the Water Utility Taxes Program is to appropriate funds for payment of city and state taxes.

	2016	2017	2018	2018
<b>Expenditures</b>	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Taxes	42,128,072	42,293,582	44,090,410	44,650,169

## Seattle Public Utilities

### Habitat Conservation Program Budget Control Level

The purpose of the Water Utility Habitat Conservation Budget Control 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	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Habitat Conservation Program	2,040,531	2,105,933	2,606,331	1,959,331
<b>Total</b>	<b>2,040,531</b>	<b>2,105,933</b>	<b>2,606,331</b>	<b>1,959,331</b>
Full-time Equivalents Total*	15.00	15.00	15.00	15.00

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

### Other Operating Budget Control Level

The purpose of the Other Operating Budget Control Level is to fund the Water Utility's operating expenses for Field Operations, Pre-Capital Planning & Development, Project Delivery, Utility Systems Management, DWW LOB, Solid Waste LOB, and Water LOB programs.

Program Expenditures	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
DWW LOB	187,214	179,311	181,380	180,967
Pre-Capital Planning & Development	2,035,010	1,784,392	1,798,197	1,786,742
Project Delivery	7,063,900	7,215,945	7,517,759	7,493,327
Solid Waste LOB	89,787	0	0	16,652
Water LOB	48,546,216	52,483,442	52,699,804	53,093,779
<b>Total</b>	<b>57,922,127</b>	<b>61,663,090</b>	<b>62,197,140</b>	<b>62,571,467</b>
Full-time Equivalents Total*	26.50	23.50	23.50	30.50

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

**The following information summarizes the programs in Other Operating Budget Control Level:**

#### **DWW LOB Program**

The purpose of the Drainage and Wastewater Line of Business Program is to manage sewage and stormwater to protect public health as required by the Environmental Protection Agency and state regulatory agencies. This includes efforts to inspect, clean, and maintain systems, educate customers to keep things out of the system that contribute to flooding and runoff pollution, and to ensure the system meets population growth and development needs. Costs for the Drainage and Wastewater Line of Business can apply to other utility lines of business through shared services.

Expenditures/FTE	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
DWW LOB	187,214	179,311	181,380	180,967
Full-time Equivalents Total	2.00	2.00	2.00	2.00

# Seattle Public Utilities

## Pre-Capital Planning & Development Program

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

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Pre-Capital Planning & Development	2,035,010	1,784,392	1,798,197	1,786,742
Full-time Equivalents Total	0.00	-2.00	-2.00	-2.00

## Project Delivery Program

The purpose of the Water Utility Project Delivery Program is to provide engineering design and support services, construction inspection, and project management services to Water Utility's capital improvement projects and to the managers of water facilities.

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Project Delivery	7,063,900	7,215,945	7,517,759	7,493,327
Full-time Equivalents Total	24.50	24.50	24.50	24.50

## Solid Waste LOB Program

The purpose of the Solid Waste Line of Business Program is to manage garbage, recycling, and yard waste collection, and to educate customers to encourage the composting of yard waste and organics, recycling, and garbage reduction. This program includes operating Seattle's two garbage and recycling transfer stations. Costs for the Solid Waste Line of Business can apply to other Utility lines of business through shared services.

	2016	2017	2018	2018
Expenditures	Actuals	Adopted	Endorsed	Proposed
Solid Waste LOB	89,787	0	0	16,652

## Water LOB Program

The purpose of the Water Line of Business Program is to manage, treat, and reliably deliver high-quality drinking water. The Water Line of Business also promotes wise water use, and manages the Cedar and Tolt watersheds, dams, and water storage facilities to ensure the system meets population growth and development needs. Costs for the Water Lines of Business can apply to other utility lines of business through shared services.

	2016	2017	2018	2018
Expenditures/FTE	Actuals	Adopted	Endorsed	Proposed
Water LOB	48,546,216	52,483,442	52,699,804	53,093,779
Full-time Equivalents Total	0.00	-1.00	-1.00	6.00



## Seattle Public Utilities

### Shared Cost Projects Budget Control Level

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

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Shared Cost Projects	18,781,828	35,633,742	38,399,445	51,027,150
<b>Total</b>	<b>18,781,828</b>	<b>35,633,742</b>	<b>38,399,445</b>	<b>51,027,150</b>
Full-time Equivalents Total*	56.00	56.00	56.00	56.00

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

### Technology Budget Control Level

The purpose of the Water Utility Technology Budget Control Level, a Capital Improvement Program, is to make use of technology to increase the Water Utility's efficiency and productivity.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Technology	9,234,409	11,733,604	7,409,884	7,030,562
<b>Total</b>	<b>9,234,409</b>	<b>11,733,604</b>	<b>7,409,884</b>	<b>7,030,562</b>
Full-time Equivalents Total*	22.00	22.00	22.00	22.00

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

### Transmission Budget Control Level

The purpose of the Water Utility Transmission Budget Control 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.

<b>Program Expenditures</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2018</b>
	<b>Actuals</b>	<b>Adopted</b>	<b>Endorsed</b>	<b>Proposed</b>
Transmission	2,639,084	5,529,397	22,430,952	9,661,995
<b>Total</b>	<b>2,639,084</b>	<b>5,529,397</b>	<b>22,430,952</b>	<b>9,661,995</b>
Full-time Equivalents Total*	5.00	5.00	5.00	5.00

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

## Seattle Public Utilities

### Water Quality & Treatment Budget Control Level

The purpose of the Water Utility Water Quality & Treatment Budget Control 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	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Water Quality & Treatment	1,381,522	8,694,366	635,000	2,362,763
<b>Total</b>	<b>1,381,522</b>	<b>8,694,366</b>	<b>635,000</b>	<b>2,362,763</b>
Full-time Equivalents Total*	14.00	14.00	14.00	14.00

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

### Water Resources Budget Control Level

The purpose of the Water Utility Water Resources Budget Control 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	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Water Resources	17,924,673	8,265,947	8,776,459	8,553,244
<b>Total</b>	<b>17,924,673</b>	<b>8,265,947</b>	<b>8,776,459</b>	<b>8,553,244</b>
Full-time Equivalents Total*	12.00	12.00	12.00	12.00

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

### Watershed Stewardship Budget Control Level

The purpose of the Water Utility Watershed Stewardship Budget Control 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	2016	2017	2018	2018
	Actuals	Adopted	Endorsed	Proposed
Watershed Stewardship	245,079	66,481	977,486	977,486
<b>Total</b>	<b>245,079</b>	<b>66,481</b>	<b>977,486</b>	<b>977,486</b>
Full-time Equivalents Total*	8.00	8.00	8.00	8.00

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

# Seattle Public Utilities

## SPU Fund Table

### Drainage and Wastewater Utility Fund (44010)

	2016 Actuals	2017 Adopted	2017 Revised	2018 Endorsed	2018 Proposed
<b>Operating Cash at End of Previous Year</b>	<b>101,299,000</b>	<b>82,658,000</b>	<b>121,769,000</b>	<b>68,208,949</b>	<b>134,144,566</b>
Plus: Actual and Estimated Revenues	465,740,165	500,709,890	496,712,151	537,019,435	546,600,782
Less: Actual and Budgeted Expenditures	462,733,593	529,987,204	527,523,596	575,289,538	581,059,127
Plus: Accounting and Technical Adjustments	17,463,428	14,828,263	43,187,010	19,154,813	21,458,345
Less: CIP Accomplishment Assumptions	0	0	0	0	0
<b>Ending Operating Cash</b>	<b>121,769,000</b>	<b>68,208,949</b>	<b>134,144,566</b>	<b>49,093,659</b>	<b>121,144,566</b>
Planning Reserve	0	0	0	0	0
<b>Ending Unreserved Operating Cash</b>	<b>121,769,000</b>	<b>68,208,949</b>	<b>134,144,566</b>	<b>49,093,659</b>	<b>121,144,566</b>

### Solid Waste Utility Fund (45010)

	2016 Actuals	2017 Adopted	2017 Revised	2018 Endorsed	2018 Proposed
<b>Operating Cash at End of Previous Year</b>	<b>30,518,000</b>	<b>34,371,000</b>	<b>36,174,435</b>	<b>43,498,000</b>	<b>39,159,855</b>
Plus: Actual and Estimated Revenues	209,696,140	225,297,366	225,412,533	222,114,099	220,970,037
Less: Actual and Budgeted Expenditures	213,194,465	222,795,714	232,455,796	236,926,895	221,290,967
Plus: Accounting and Technical Adjustments	9,154,760	6,625,348	10,028,683	15,956,858	(12,721,631)
Less: CIP Accomplishment Assumptions	0	0	0	0	0
<b>Ending Operating Cash</b>	<b>36,174,435</b>	<b>43,498,000</b>	<b>39,159,855</b>	<b>44,642,062</b>	<b>26,117,294</b>
Planning Reserve	0	0	0	0	0
<b>Ending Unreserved Operating Cash</b>	<b>36,174,435</b>	<b>43,498,000</b>	<b>39,159,855</b>	<b>44,642,062</b>	<b>26,117,294</b>

### Water Utility Fund (43000)

	2016 Actuals	2017 Adopted	2017 Revised	2018 Endorsed	2018 Proposed
<b>Operating Cash at End of Previous Year</b>	<b>39,106,002</b>	<b>27,000,000</b>	<b>39,106,000</b>	<b>27,000,000</b>	<b>38,000,000</b>

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Plus: Actual and Estimated Revenues	317,784,287	353,163,688	341,734,900	357,045,907	365,494,578
Less: Actual and Budgeted Expenditures	303,750,473	341,375,705	354,333,702	356,705,096	365,068,998
Plus: Accounting and Technical Adjustments	(14,033,817)	(11,787,983)	11,492,802	(1,064,042)	(7,425,580)
Less: CIP Accomplishment Assumptions	0	0	0	0	0
<b>Ending Operating Cash</b>	<b>39,106,000</b>	<b>27,000,000</b>	<b>38,000,000</b>	<b>26,276,769</b>	<b>31,000,000</b>
Planning Reserve	0	0	0	0	0
<b>Ending Unreserved Operating Cash</b>	<b>39,106,000</b>	<b>27,000,000</b>	<b>38,000,000</b>	<b>26,276,769</b>	<b>31,000,000</b>