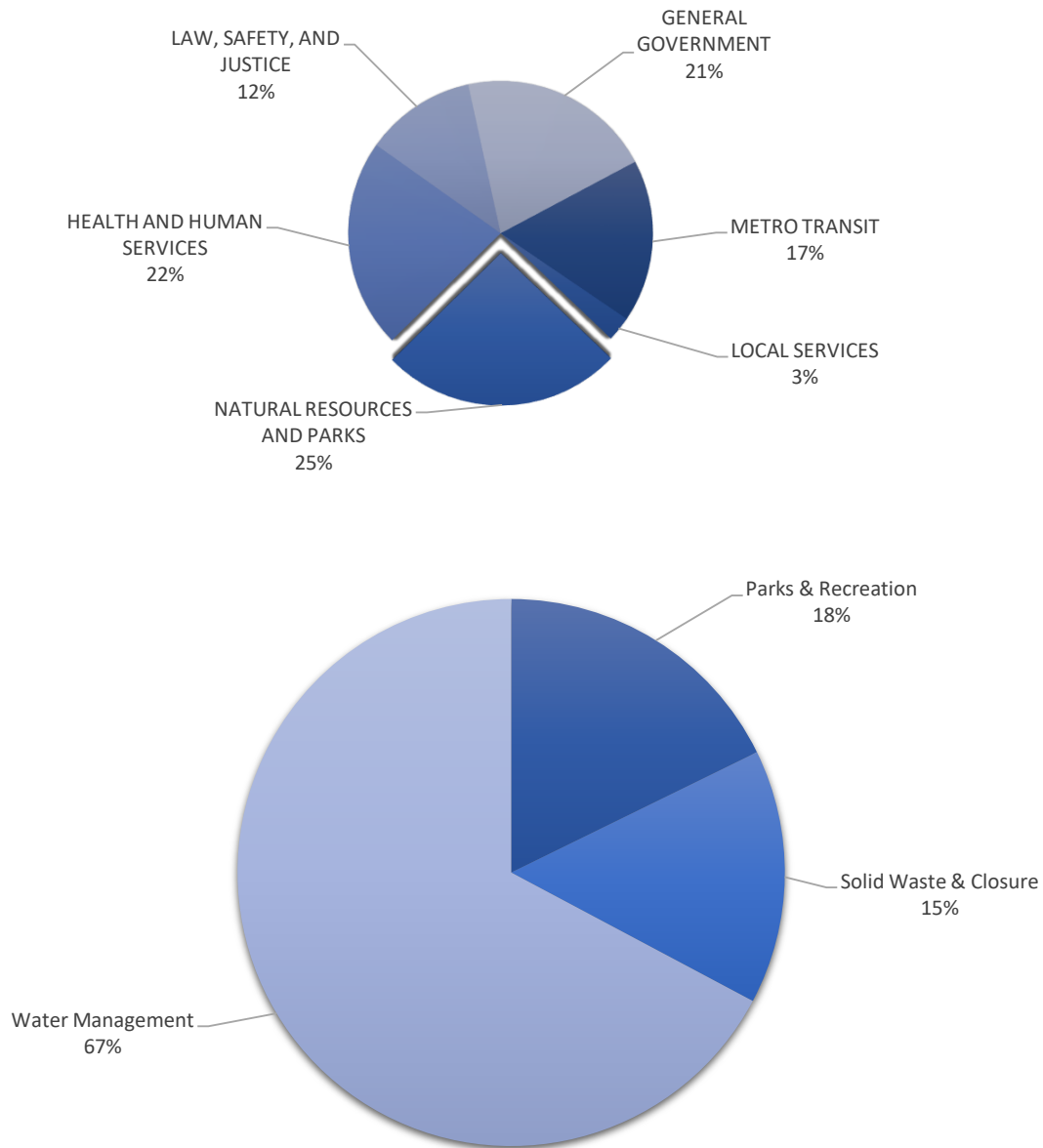


NATURAL RESOURCES AND PARKS

Natural Resources and Parks \$3.1 Billion



Organization of the Pie Chart: The following agencies were combined to make the pie chart more readable.

Parks & Recreation: Parks & Recreation, Youth Sports Facilities Grants, Open Space and Trails Levy

Solid Waste & Closure: DNR Admin., Solid Waste, Post-Closure Landfill Maintenance, Historic Preservation Program

Water Management: Intercounty River Improvement, Water & Land Resources, Surface Water Management Local Drainage, Wastewater Treatment, Noxious Weeds, Flood Control District

Due to rounding, figures may not add to 100%.

INTRODUCTION

The Natural Resources and Parks programs support services related to community and regional parks, a variety of recreational programs, solid waste management, stormwater management, and wastewater treatment. These services are delivered by divisions within the Department of Natural Resources and Parks.

THE DEPARTMENT OF NATURAL RESOURCES AND PARKS (DNRP) serves as a key steward of the region's environment. DNRP protects the region's water, land, and natural habitats by ensuring safe management and reuse of wastewater and solid waste, and by preserving and supporting natural areas, parks, regional trails, and recreation programs. It provides these services through five divisions:

- DNRP Administration
- Wastewater Treatment Division
- Water and Land Resources Division
- Solid Waste Division
- Parks and Recreation Division

These divisions are primarily supported by dedicated funding sources and provide services that enhance the quality of life and economic vitality of the Puget Sound region.

NATURAL RESOURCES AND PARKS DIRECTOR'S OFFICE

MISSION

The Department of Natural Resources and Parks provides regional parks and trails; protects the region's water, air, land, natural habitats and historic properties; and reduces, safely disposes of, and creates resources from wastewater and solid waste.

OVERVIEW

The Department of Natural Resources and Parks (DNRP) consists of four operating divisions: Parks and Recreation, Solid Waste (SWD), Wastewater Treatment (WTD), and Water and Land Resources (WLRD). The services DNRP provides are wide-ranging. Many programs are specialized, technical, and innovative, requiring a workforce that has the knowledge and skills that are both broad and deep.

The Director's Office of DNRP provides leadership, direction, oversight, and support to the divisions, the Strategic Climate Action Plan, and the Historic Preservation Program. In addition to division leadership, the Director's Office manages Council relations for the department, provides media relations support for projects and initiatives, and oversees performance management. The Director's Office also leads the County's energy conservation and climate change initiatives in coordination with other departments and the Executive's Office.

The Director's Office is organized into three main sections: DNRP Administration, the King County Historic Preservation Program (HPP), and the Strategic Climate Action Plan (SCAP) section. The SCAP section is a countywide effort that is housed in DNRP.

ADMINISTRATION

The Administration section provides leadership and oversight for DNRP's operating divisions and assists the divisions in meeting King County Strategic Plan goals. Over the next biennium, this section will: continue to provide direction and leadership to DNRP divisions on delivering products and services, advance partnerships and major county initiatives, and promote collaboration within the division. The Administration section collects an allocation from the agencies it serves to support its operations.

HISTORIC PRESERVATION PROGRAM

HPP is responsible for designating and protecting significant historic and archaeological sites within the unincorporated area of King County and in cities that have agreements with the County for these services. HPP will continue this work in the next biennium. HPP is funded primarily by a \$1 document recording fee surcharge accounted for in the Historical Preservation and Historic Programs Fund (HPPH) created in 2010.

STRATEGIC CLIMATE ACTION PLAN SECTION

The SCAP section promotes countywide climate goals including further reducing regional greenhouse gas emissions; taking action to prepare the County's infrastructure, services, and communities for climate change; and supporting resilience in communities disproportionately affected by climate change. This section is housed in DNRP, but provides services across the County. In the next biennium, the SCAP section will develop and begin the implementation of a county-wide green jobs strategy, as well as continue the implementation of the updated Strategic Climate Action Plan. This section's work is funded by various agencies through a climate allocation model that is based on greenhouse gas emissions of the paying agencies.

The Director's Office appropriation unit is A38200 and is in Fund 000001600. The HPP appropriation unit is A84600 and is in Fund 000001471.

**2021-2022 Executive Proposed Operating Budget
DNRP ADMINISTRATION (EN_A38200)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	16,151,086	15,927,182	24.0	0.0
Base Budget Adjustments	(306,095)	(77,400)	0.0	0.0
Decision Package Adjustments	265,457	260,666	2.0	0.0
2021-2022 Executive Proposed Budget	16,110,448	16,110,448	26.0	0.0
2021-2022 Executive Proposed Ordinance	16,111,000	16,111,000	26.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Environmental Affairs Officer Add an environmental affairs officer position to oversee County legislative work on high-level, complex projects and environmental initiatives.	388,386	0	1.0	0.0
(DS_002) Green Jobs Strategy Add a new green jobs strategy and program as directed by Council Ordinance 19041 and by the 2020 Strategic Climate Action Plan. The Program will advance green jobs and pathways, internally and at the countywide scale.	404,393	0	1.0	0.0
(DS_003) Climate Cost Share Adjust the Climate Cost Share budget to reflect the work plan approved by the Climate Leadership Team.	45,580	0	0.0	0.0
(DS_004) Green Jobs Recruiting Add funding equal to 1.0 FTE working in DHR for Green Jobs Recruitment and toolkit to support the Green Jobs Strategy.	259,354	0	0.0	0.0
(DS_005) HR Document Digitization Support Add support equal to .50 FTE working in RALS for HR Document digitization project.	146,622	0	0.0	0.0
Administrative Service Changes				

2021-2022 Executive Proposed Operating Budget
DNRP ADMINISTRATION (EN_A38200)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
<hr/>				
(AC_001) King County-Cities Climate Collaboration (K4C) Revenue				
Fund climate-related projects that are collectively approved by King County and various city partners through the K4C shared budget.	0	80,000	0.0	0.0
Technical Adjustments				
(TA_001) DNRP Overhead revenue adjustment Adjust revenues based on overhead allocation model for DNRP-Admin	0	(288,580)	0.0	0.0
(TA_002) Climate Cost Share revenue adjustment Adjust revenues based on climate cost share allocation.	0	469,246	0.0	0.0
(TA_003) Net Zero Adjustments Adjust expenditure accounts to match current spending patterns.	0	0	0.0	0.0
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	2,331	0	0.0	0.0
Central Rate Adjustments	(981,209)	0	0.0	0.0
Total Decision Package Adjustments	265,457	260,666	2.0	0.0

**2021 - 2022 Proposed Financial Plan
DNRP Administration / 000001600**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	-	-	-	-
Revenues				
Director's Office Overhead Allocation	13,124,329	12,821,360	13,278,428	13,942,349
Climate Cost Share Allocation	2,555,842	3,025,088	3,176,342	3,335,160
General Fund contribution	204,000	184,000	184,000	184,000
K4C Contribution	74,428	80,000	80,000	80,000
Total Revenues	15,958,599	16,110,448	16,718,770	17,541,509
Expenditures				
DNRP - Director's Office Expenditures	(13,265,844)	(13,006,484)	(13,462,428)	(14,126,349)
Climate Cost Share Expenditures	(2,833,796)	(3,103,964)	(3,256,342)	(3,415,160)
Total Expenditures	(16,099,640)	(16,110,448)	(16,718,770)	(17,541,509)
Estimated Underexpenditures				
Other Fund Transactions				
Accounting adjustment	141,041			
Total Other Fund Transactions	141,041	-	-	-
Ending Fund Balance	-	-	-	-
Reserves				
Total Reserves	-	-	-	-
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

Director's Office overhead allocation is charged to DNRP divisions based on each agency's operating budget.

Climate Cost Share revenues are contributions from County agencies based on each agency's operational carbon emissions.

Expenditure Notes:

Other Fund Transactions: 2019-2020 transaction due to true up from 2017-2018 reconciliation of DNRP Admin cost center 381000 when consolidated with A38200 in fund 1600 for the 2019-2020 biennium.

Reserve Notes: By policy this overhead fund does not carry reserves. Initial expenditures will be paid by asking agencies to pre-fund Q1 contributions at the end of 2020.

Updated by Nathaniel Bennett on August 31, 2020

**2021-2022 Executive Proposed Operating Budget
HISTORIC PRESERVATION PROGRAM (EN_A84600)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	1,269,858	1,084,315	4.0	0.0
Base Budget Adjustments	(154,916)	(80,857)	0.0	0.0
Decision Package Adjustments	38,245	(63,820)	0.0	0.0
2021-2022 Executive Proposed Budget	1,153,187	939,638	4.0	0.0
2021-2022 Executive Proposed Ordinance	1,154,000	940,000	4.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Technical Adjustments				
(TA_001) Net Zero Adjustments Adjust expenditures to match current spending patterns.	0	0	0.0	0.0
(TA_050) Revenue Adjustment Revise budgeted revenues to match the current forecast.	0	(63,820)	0.0	0.0
Central Rate Adjustments	38,245	0	0.0	0.0
Total Decision Package Adjustments	38,245	(63,820)	0.0	0.0

**2021 - 2022 Proposed Financial Plan
Historic Preservation Program / 000001471**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	61,895	304,606	91,057	(157,669)
Revenues				
Recorded Document Fees	972,309	912,888	938,120	959,807
Interest and Other Income	3,954	2,750	-	-
Local, State and Federal Grants	101,876	24,000	24,000	24,000
Bond Proceeds (Barn Grant Program)	90,675	-		
Transfer from GF	314,795	-		
Total Revenues	1,483,609	939,638	962,120	983,807
Expenditures				
Historic Preservation Operating Costs	(1,171,183)	(1,153,187)	(1,210,846)	(1,288,341)
Historic Barn Grant Awards	(86,141)	-	-	
Historic Barn Administrative Costs	(4,534)	-	-	
Total Expenditures	(1,261,858)	(1,153,187)	(1,210,846)	(1,288,341)
Estimated Underexpenditures				
Other Fund Transactions				
Accounting Adjustment	20,960	-	-	
Total Other Fund Transactions	20,960	-	-	-
Ending Fund Balance	304,606	91,057	(157,669)	(462,203)
Reserves				
Rainy Day Reserve (30 days)	(50,474)	(46,127)	(48,434)	(51,534)
Total Reserves	(50,474)	(46,127)	(48,434)	(51,534)
Reserve Shortfall	-	-	206,103	513,736
Ending Undesignated Fund Balance	254,132	44,930	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes: Document Recording fee revenues through 2026 are based on most recent OEFA projections (June 2020). Interest revenue is calculated based on the average fund balance over a biennium and the nominal interest rate in the BFPA.

Expenditure Notes: Assumes Barn Grants are fully awarded by the end of 2020. These may extend into 21-22 if COVID crisis impacts ability of grantees to perform required work.

Reserve Notes: This fund does not currently have a set reserve policy. This financial plan projects a 30 day rainy day

Updated by Sandra Fujioka, 7/2/2020, Based on Agency Proposed Budget

PARKS AND RECREATION DIVISION

MISSION

The Parks and Recreation Division stewards, enhances, and acquires parks to inspire a healthy community.

OVERVIEW

Affectionately known as "Your Big Backyard," the Parks and Recreation Division of the Department of Natural Resources and Parks (DNRP) stewards more than 200 parks, 175 miles of regional trails, and more than 30,000 acres of open space, including Marymoor Park, Cougar Mountain Regional Wildland Park, and the Weyerhaeuser King County Aquatic Center. By cultivating strong relationships with nonprofit, corporate, and community partners, Parks provides recreational opportunities for King County residents and protects our region's public lands, leaving a legacy for future generations.

In August 2019, King County voters approved the 2020-2025 King County Parks, Recreation, Trails, and Open Space Levy. The revenue generated by the levy provides more than 80 percent of the division's operating revenues, as well as the majority of the division's capital funding. Proceeds from the levy are used to:

- Operate and maintain the King County Park system.
- Build and design regional trails, including missing links and crossings over rivers and highways.
- Acquire more open space lands that provide recreation opportunities for people and protect forest lands, water quality, and habitat for fish and wildlife.
- Establish grant programs to expand access to parks, trails, and recreation.

The levy also directly supports parks in King County's cities, the Woodland Park Zoo, and the Seattle Aquarium.

**2021-2022 Executive Proposed Operating Budget
PARKS AND RECREATION (EN_A64000)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	102,475,838	99,024,481	253.1	1.0
Base Budget Adjustments	4,159,831	5,381,107	1.0	0.0
Decision Package Adjustments	(1,648,604)	(8,124,635)	8.0	0.0
2021-2022 Executive Proposed Budget	104,987,066	96,280,953	262.1	1.0
2021-2022 Executive Proposed Ordinance	104,988,000	96,281,000	262.1	1.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Park Maintenance Positions and Supplies Add six park maintenance specialists, two seasonal positions, and associated supplies and equipment in order to support the growing inventory of parks and trails as part of the King County's Land Conservation Initiative.	1,770,038	0	6.0	0.0
(DS_002) Safety Outreach and Engagement Facilitate community outreach and engagement with the King County Sheriff's Office, labor partners, and community groups, specifically communities that have been historically under-served such as Black, Indigenous, and people of color, in order to holistically reconsider approaches to ensure the public and Parks employees feel safe in King County parks and trails.	300,000	0	0.0	0.0
(DS_003) Unauthorized Camp Clean-up Implement a pilot program for an outside contractor to remove debris left behind from unauthorized camps, including any associated hazardous material.	300,000	0	0.0	0.0

2021-2022 Executive Proposed Operating Budget
PARKS AND RECREATION (EN_A64000)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_120) Central Climate Change Cost Update Adjust the share of the central climate-related costs for 2021-2022. These costs include investments to advance the Strategic Climate Action Plan (SCAP), membership fees in climate-related organizations, consulting fees, as well as central staff to help agencies across the County with climate related activities. The allocation methodology is based on greenhouse gas emissions.	10,064	0	0.0	0.0
Administrative Service Changes				
(AC_001) Equity and Social Justice Program Funding Provide funding for equity and social justice efforts within the Parks division such as community engagement, facilitation, and surveys. The work will be led by the new Parks Equity and Social Justice coordinator, a position funded within existing resources.	50,000	0	0.0	0.0
(AC_002) Parks Capital Delivery Staffing and Supplies Convert capital project manager term-limited temporaries (TLTs) to full-time equivalents (FTEs), and provide additional resources for capital project management software licenses and professional certification. The positions will be fully funded by the capital improvement program in Parks Capital Funds 3160 and 3581.	815,783	0	3.0	0.0
Technical Adjustments				
(TA_002) DNRP Overhead and Other Technical Adjustments Redistribute and add budget authority to align with projected and historical spending patterns including utilities, supplies, and disposal. Includes DNRP Director's Office overhead.	(53,821)	0	0.0	0.0
(TA_003) Central Climate Change Costs Clean Up Clean up the central climate-related costs for 2021- 2022, and move them into the correct cost center.	0	0	0.0	0.0
(TA_004) Proforma Budget Correction Eliminate a duplicate position included in the 2021-2022 proforma budget.	(256,828)	0	(1.0)	0.0
(TA_005) Loan-Out Account Adjustment Adjust how the fund accounts for employees charging a portion or all of their expenses to a capital or grant project. Eliminate the anticipated revenue and instead reduce the expenditure budget.	(6,821,767)	(6,901,908)	0.0	0.0
(TA_050) Revenue Adjustment Adjust line-item accounts for the latest revenue estimates including facility user fees, entrepreneurial endeavors, and proceeds for the 2020-2025 Parks Levy, consistent with the latest forecast from the Office of Economic and Financial Analysis.	0	(1,222,727)	0.0	0.0
(TA_111) Overtime Account Adjustment Adjust overtime account to accommodate GWI, retirement, and FICA.	12,281	0	0.0	0.0

**2021-2022 Executive Proposed Operating Budget
PARKS AND RECREATION (EN_A64000)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	70,354	0	0.0	0.0
(TA_113) Vacancy Rate Adjustment Capture salary savings from employee turnover, without reducing the FTE authority, to increase the accuracy of labor budgeting for this appropriation unit and provide greater transparency.	(610,000)	0	0.0	0.0
Central Rate Adjustments	2,765,292	0	0.0	0.0
Total Decision Package Adjustments	(1,648,604)	(8,124,635)	8.0	0.0

**2021 - 2022 Proposed Financial Plan
Parks and Recreation / 000001451**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	17,381,154	17,500,000	14,043,240	17,998,725
Revenues				
Parks Levy Proceeds	81,426,715	88,184,240	97,721,745	52,715,503
Business Revenue	5,450,100	6,363,998	11,389,978	5,780,555
Parks Capital Planning and Administration	1,586,680	-	-	-
Levy Administration Fee	1,020,883	1,496,715	1,637,750	885,577
Interest Earnings	458,368	236,000	154,000	115,000
Delinquent Levy Proceeds	15,268	-	-	-
Total Revenues	89,958,014	96,280,953	110,903,473	59,496,635
Expenditures				
Parks Operations & Maintenance	(86,751,494)	(102,247,066)	(103,242,988)	(53,770,211)
Parks Capital Planning and Administration	(1,586,680)	-	-	-
Community Partnerships & Grants	(1,125,995)	-	-	-
Targeted Equity Grants	(75,000)	(2,950,000)	(3,300,000)	(1,965,000)
WSU Cooperative / 4-H	(200,000)	(200,000)	(205,000)	(105,000)
King County Search and Rescue	(100,000)	(200,000)	(200,000)	(100,000)
Vacancy Contra	-	610,000	-	-
Total Expenditures	(89,839,169)	(104,987,066)	(106,947,988)	(55,940,211)
Estimated Underexpenditures		5,249,353		
Other Fund Transactions				
Total Other Fund Transactions				
Ending Fund Balance	17,500,000	14,043,240	17,998,725	21,555,149
Reserves				
Cash Flow Reserve	(11,229,896)	(13,123,383)	(13,368,498)	(13,985,053)
2023-2025 Parks Stewardship Funds			(1,918,000)	(2,357,540)
Expenditure Contingency Reserve		(919,857)	(2,712,226)	(5,212,556)
Targeted Equity Grants Carry Forward	(1,425,000)	0		
Total Reserves	(12,654,896)	(14,043,240)	(17,998,725)	(21,555,149)
Reserve Shortfall				
Ending Undesignated Fund Balance	4,845,104	0	0	0

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to the county budget system, Planning and Budgeting Cloud System, and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's Budget and Financial Planning Assumptions

Revenues Notes:

• 2019-2020 Estimated includes the final year of the 2014-2019 King County Parks Levy. Starting in 2020, a portion of the 2020-2025 King County Parks Levy will be transferred to this fund. Due to different policy choices made in the 2014-2019 levy and the 2020-2025 levy, the comparison between 2021-2022 and 2019-2020 bienniums may be skewed. Levy estimates are based on the August 2020 OEFA forecast.

• Business revenue includes user fees and entrepreneurial efforts to support the park system and reduce the burden on taxpayers. Starting in 2020, the target will reset to \$5.5 million and grow one percent annually. However, due to the public health measures intended to slow the spread of coronavirus, very little business revenue is assumed in 2020 as a result of many events and leagues canceled for the season. Business revenue is expected to slowly recover in 2021-2022, and is between one-half to two-thirds of the business revenue originally planned when developing the 2020-2025 Parks Levy.

• Parks Capital and Grants Administration is reimbursement from Parks Capital Fund 3581 for staff and resources that support the overall capital program as well as new grant programs budgeted in Fund 3581 as well as the Community Partnerships and Grants Program. Starting in 2020, expenditures will be charged directly to the capital fund.

• The levy administration fee is a portion of the levy allocated to other entities and programs that is retained by King County to contribute to the costs of managing and administering the levy.

Expenditure Notes:

• Starting in 2020, Community Partnerships and Grants will be funded through the Parks Capital Fund 3581.

• Targeted Equity Grants will be funded through the operating fund starting in 2020. This is a program through which King County provides monies in order to achieve equitable opportunities and access to public parks and recreation for underserved communities.

• Parks will continue to contribute \$100,000 starting in 2020, on a reimbursement basis, to the Washington State University Cooperative Extension in order to operate the 4-H program in King County.

• Starting in 2020, Parks will contribute \$100,000, on a reimbursement basis, to King County Search and Rescue Association.

• Office of Performance, Strategy, and Budget adds a vacancy contra to agency budgets to approximate the amount of budget unspent each biennium due to position vacancies.

• Estimated underexpenditure is 5% of the total budget based on historical spending patterns and expenditure targets.

• Out-year expenditures include the vacancy contra and estimated 5% underexpenditure within the total for Parks Operations & Maintenance.

Reserve Notes:

• Cash Flow Reserve is set to three-months of budgeted expenditures, in compliance with Motion 13764, because the main revenue for this fund is a property tax which is collected in the second quarter of each year. This reserve stabilizes the fund's cash balance from dipping below zero before the property tax payments are made in April and October.

• 2023-2025 Parks Stewardship Funds reserves future levy proceeds to be programmed in future budgets for additional maintenance and stewardship resources in order to keep pace with the growing inventory of parks and trails.

• Expenditure Contingency Reserve reserves funding for operational costs that may grow faster (~10-20 percent) in comparison to the outyear growth rates provided by PSB (~3 percent). For example between 2014-2019, Parks' share of central county services has grown faster than average due to the agency taking on a larger scope of work. Central county services includes computer workstations, legal support, and the coordinating financial transactions.

• Targeted Equity Grants Carry Forward reserves funding for the Targeted Equity Grants program that is not expected to be spent in 2020. Funds will carry forward to 2021-2022 and be requested for reappropriation through a supplemental budget ordinance.

This plan was updated by J Lehman on August 31, 2020.

**2021-2022 Executive Proposed Operating Budget
PARKS RECREATION TRAILS OPEN SPACE LEVY (EN_A64300)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	114,703,034	114,703,035	0.0	0.0
Base Budget Adjustments	114,703,034	114,703,035	0.0	0.0
Decision Package Adjustments	17,844,512	16,103,627	0.0	0.0
2021-2022 Executive Proposed Budget	247,250,580	245,509,697	0.0	0.0
2021-2022 Executive Proposed Ordinance	247,251,000	245,510,000	0.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Administrative Service Changes				
(AC_001) Disburse 2021-2022 Parks Levy Proceeds Update line-item expenditure accounts to distribute the 2021-2022 proceeds from the 2020-2025 Parks, Recreation, Trails, and Open Space Levy. Disbursement also includes the estimated ending fund balance from 2020.	17,844,512	0	0.0	0.0
Technical Adjustments				
(TA_050) Revenue Adjustment Adjust line-item accounts for the latest revenue estimates from the 2020-2025 Parks, Recreation, Trails, and Open Space Levy, consistent with the latest forecast from the Office of Economic and Financial Analysis.	0	16,103,627	0.0	0.0
Total Decision Package Adjustments	17,844,512	16,103,627	0.0	0.0

2021 - 2022 Proposed Financial Plan
Parks Recreation Trails Open Space Levy / 000001454

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	-	1,740,886	-	-
Revenues				
2020-2025 Parks Levy Proceeds	115,658,878	245,509,694	269,551,817	144,567,909
Total Revenues	115,658,878	245,509,694	269,551,817	144,567,909
Expenditures				
Reimbursement of Election Costs	(736,956)			
Seattle Aquarium	(1,941,750)	(3,883,318)	(1,947,455)	-
Public Pools Capital Grants	(3,425,000)	(15,434,961)	(15,700,000)	(8,188,915)
Open Space River Corridors Grants	(1,712,500)	(7,471,701)	(7,600,000)	(4,590,237)
King County Parks Operating Fund	(42,440,714)	(88,184,240)	(97,721,745)	(52,715,503)
King County Parks Capital Fund	(49,867,839)	(103,616,482)	(114,823,050)	(61,940,716)
Cities within King County	(8,488,143)	(17,636,848)	(19,544,349)	(10,543,101)
Woodland Park Zoo	(5,305,089)	(11,023,030)	(12,215,218)	(6,589,438)
Total Expenditures	(113,917,992)	(247,250,580)	(269,551,817)	(144,567,909)
Estimated Underexpenditures	-	-	-	-
Other Fund Transactions				
Total Other Fund Transactions	-	-	-	-
Ending Fund Balance	1,740,886	-	-	-
Reserves				
Total Reserves	-	-	-	-
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	1,740,886	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

- The first year levy rate is 18.32¢ per \$1,000 assessed value (AV). Subsequent revenue is calculated as prior year collections multiplied by the limit factor, plus revenue from new construction built during the year. Forecast assumptions for assessed value, new construction, local inflation (CPI-W), and population growth are from the August 2020 OEFA and PSB projections.
- The limit factor is the percentage rate annual collections are allowed to grow. For this proposal, it is the combined percentage change in the Seattle consumer price index for wage earners (CPI-W) and estimated population growth in King County.
- The County assumes a one percent under collection rate assumed countywide for property taxes. Levy proceeds shown in this financial plan include this assumption.
- Levy proceeds are based on the August 2020 OEFA forecast plus the one percent under collection rate.

Expenditure Notes:

- Economic projections for the 2020-2025 Parks Levy declined by approximately three percent since the enacting ordinance was adopted. As a result, each expenditure category in the above financial plan is subsequently decreased by approximately three percent, compared to initial estimates and still following the percentages listed in the levy ordinance 18990.

- As noted in the following footnotes, expenditure rows also includes the amount retained by King County Parks for expenditures related to the administration and distribution of levy proceeds, also known as the levy administration fee.
- Parks Levy election costs were reimbursed from levy proceeds in 2020.
- The levy includes up to \$8 million of total levy revenue for the Seattle Aquarium.
- The levy also includes up to \$44 million of total levy revenue for publicly owned pools (1% is retained in the fund for expenditures related to administration and distribution of levy proceeds). From this amount, \$8 million is allocated for capital improvements for the King County Aquatic Center.
- The levy includes up to \$22 million of total levy revenue for integrated floodplain management capital improvement projects (1% is retained in the fund for expenditures related to administration and distribution of levy proceeds).
- Forty percent (40%) of the remaining revenue funds King County Parks operations and maintenance, targeted equity grants, and support for King County 4-H, King County Fair, and King County Search and Rescue.
- Forty seven percent (47%) of the remaining revenue fund the following: continued and expanded regional trail development; open space acquisition and stewardship; community partnerships and grants; and recreation repair and renovation, including play areas, ballfields, and backcountry trails (1% is retained in the fund for expenditures related to administration and distribution of levy proceeds).
- Eight percent (8%) of the remaining revenue is distributed to the cities in King County (1% is retained in the fund for expenditures related to administration and distribution of levy proceeds).
- Five percent (5%) of the remaining revenue is distributed to the Woodland Park Zoo (0.5% is retained in the fund for expenditures related to administration and distribution of levy proceeds).

Reserve Notes:

- The purpose of this fund is to distribute levy proceeds to various organizations. There are no reserves for this fund.

This plan was updated by Jennifer Lehman on August 26, 2020.

**2021-2022 Executive Proposed Operating Budget
YOUTH AND AMATEUR SPORTS FUND(EN_A35500)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	20,264,170	8,721,260	3.0	0.0
Base Budget Adjustments	(10,909,266)	51,328	0.0	0.0
Decision Package Adjustments	(1,189,533)	(1,133,244)	0.0	0.0
2021-2022 Executive Proposed Budget	8,165,371	7,639,344	3.0	0.0
2021-2022 Executive Proposed Ordinance	8,166,000	7,640,000	3.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Competitive Grant Reduction Reduce funding for competitive grant programs in response to 2021-2022 revenue forecasts. These grants support program and capital improvements that reduce barriers to physical activity and increase access to health-enhancing physical activities.	(573,720)	0	0.0	0.0
(DS_002) Get Active, Stay Active Reduction Reduce funding for the Get Active, Stay Active program in response to 2021-2022 revenue forecasts. This program provides two-year grants awarded by Councilmember offices to organizations that provide youth and amateur sports and fitness programs.	(450,000)	0	0.0	0.0
Administrative Service Changes				
(AC_001) Temporary Grant Program Administration Loan Out Leverage existing staff knowledge and resources through a one-time loan out of Youth and Amateur Sports Fund program staff to support implementation of new Parks Levy grant programs.	(221,286)	0	0.0	0.0
Technical Adjustments				

**2021-2022 Executive Proposed Operating Budget
YOUTH AND AMATEUR SPORTS FUND(EN_A35500)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_050) Revenue Adjustment Revise budgeted revenues to match the current forecast.	0	(1,133,244)	0.0	0.0
Central Rate Adjustments	55,473	0	0.0	0.0
Total Decision Package Adjustments	(1,189,533)	(1,133,244)	0.0	0.0

2021 - 2022 Proposed Financial Plan
Youth and Amateur Sports Fund/000001290 - 000001292

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	12,325,860	7,459,092	313,418	363,909
Revenues				
Rental Car Sales Tax	6,510,044	7,439,344	8,651,108	9,069,936
Interest Earnings, Other Miscellaneous	397,492	200,000	150,000	100,000
Total Revenues	6,907,536	7,639,344	8,801,108	9,169,936
Expenditures				
Competitive Grants Programs	(4,154,750)	(4,126,283)	(4,199,278)	(4,463,722)
Discretionary Grants Programs	(3,315,980)	(1,350,000)	(1,350,000)	(1,440,000)
Bond-Financed Grants	(1,598,373)	-	-	-
Bond Issuance, Debt Service	(1,506,371)	(1,620,559)	(1,620,559)	(1,620,559)
Grant Administration	(1,198,830)	(1,068,532)	(1,580,780)	(1,628,204)
Total Expenditures	(11,774,304)	(8,165,374)	(8,750,617)	(9,152,485)
Estimated Underexpenditures		32,056		
Other Fund Transactions				
Grant Awards to be Carried Forward		(6,651,700)		
Total Other Fund Transactions	-	(6,651,700)	-	-
Ending Fund Balance	7,459,092	313,418	363,909	381,360
Reserves				
Rainy Day Reserve (30 days)	(271,252)	(309,973)	(360,463)	(377,914)
YASG Grants to Carry Forward to 2021-2022	(5,107,000)			
Bond Grants to Carry Forward to 2021-2022	(1,544,700)			
Total Reserves	(6,922,952)	(309,973)	(360,463)	(377,914)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	536,140	3,445	3,446	3,446

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

- Rental Car Sales Tax is based on the August 2020 forecast from the Office of Economic and Financial Analysis (OEFA).
- Interest Earnings, Other Miscellaneous: In addition to interest earnings, this includes \$65,000 in donations towards the Seattle/King County State of Play Study.

Expenditure Notes:

- Competitive Grant Programs includes the following grant programs: Youth Sports Facility Grants (capital grants); Sports and Activity Access Grants (program and activation grants); and Local Sports and Activities Grants (unincorporated area grants).
- Discretionary Grants includes the Council-directed Get Active, Stay Active grant program, the grants funded with the dissolved YSFG Endowment, and the remaining balance of the grants identified in the 2017-2018 Adopted Budget under ERs #5 and #6 of Ordinance #18409, section 84.
- Bond Grants includes the remainder of the grant awards that were financed through the \$6.7 million bond sold in 2018.
- Bond issuance, Debt Service includes the cost of issuing the \$6.7 million bond in 2018, as well as the debt service payments to pay off the bond.
- Grant Administration: This includes the staffing, supplies, and software associated with managing the grant programs within this fund. The proposed 2021-2022 expenditure level includes savings from a one-time loan-out assumption.

Reserve Notes:

- Rainy Day Reserve (30 days): The reserve represents one twenty-fourth (1/24) of the Rental Car Sales Tax proceeds.
- YASG Grants to Carry Forward to 2021-2022 reserve represents the portion of grants previously awarded that are still being paid out to recipients.
- Bond Grants to Carry Forward to 2021-2022 reserve represents the portion of the bond-financed grants awarded that are still being paid out to recipients.

This plan was updated by Jennifer Lehman on August 27, 2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3160 FMD-PARKS,REC,OPEN SPACE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3160 FMD-PARKS,REC,OPEN SPACE - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1039556	PKS BCKCNTRY TRAILS IMPRVT PROGRAMMATIC	✓	(\$70,000)	<p>Current Scope: Backcountry Trails Improvement - Distributed throughout more than 25 parks, working forests, and natural areas across urban and rural King County, King County Parks' backcountry system offers trails with year-round accessibility for hiking, mountain biking, and horseback riding. This project seeks funding to develop capital improvements at back-country trail sites throughout the Parks' system including parking lots, trailheads, way-finding signage, benches, etc.</p> <p>Budget Request Basis: This is a technical correction to close a duplicate legacy project. Work previously done in this project will now be done under project #1147281 PKS M:BCKCNTRY TRAIL REHAB.</p>
1039583	PKS AUDITOR CPO ADMIN		\$10,000	<p>Current Scope: Auditor Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.</p> <p>Budget Request Basis: Budget appropriation supports cost of Capital Project Oversight work of Capital Projects by King County Auditor.</p>
1039611	PKS M:PARKS FACILITY REHAB PROGRAMMATIC		(\$500,000)	<p>Current Scope: Facility Rehabilitation - is an on-going program to design and implement capital investments and solutions to emerging time critical capital construction or major maintenance needs, ADA accessibility, and other recommendations identified in Major Maintenance Reserve Studies to optimize the life cycle of park assets throughout the county's parks system.</p> <p>Budget Request Basis: A reduction in funds is proposed to balance out other capital programs with high priority needs. The funds remaining after the reduction will be used to finish final design and construction on projects started in 2020. These projects include maintenance and repair throughout the parks system, replacement of mechanical systems, fencing upgrades, emergency storm repairs, and basketball court resurfacing.</p>
1039867	DES FMD REVENUE ENHANCEMENT PROGRAMMATIC	✓	(\$69,320)	<p>Current Scope: Revenue Enhancement - Project provides funding for the development and construction of park improvements which result in partnerships or operational revenues.</p> <p>Budget Request Basis: This is a technical correction to close a legacy project upon completion.</p>
1039896	PKS BURKE GLMN TR UNDERPSS PROGRAMMATIC	✓	(\$11,910)	<p>Current Scope: Burke Gilman Trail Underpass - This project funded Burke Gilman Trail underpass projects.</p> <p>Budget Request Basis: This is a technical correction to close a legacy project upon its completion.</p>
1046228	PKS ACQN EVALTNS MASTER PROGRAMMATIC		\$100,000	<p>Current Scope: Acquisition Evaluations Project - provides due diligence funding to evaluate and implement strategic open space acquisitions (either fee or easement).</p> <p>Budget Request Basis: The requested funding will support Parks work related to key acquisitions. Budget is based on historic spending patterns and future projections.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3160 FMD-PARKS,REC,OPEN SPACE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3160 FMD-PARKS,REC,OPEN SPACE - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1121441	PKS M:MAURY ISLAND SITE PROGRAMMATIC		\$205,000	<p>Current Scope: Maury Island Site - In coordination with the Washington Department of Ecology, under an Agreed Order develop and implement a Cleanup Action Plan for remediation of contaminated soils in the Maury Island Natural Area. The Maury Island Natural Area lies in the former Tacoma Smelter Plume and this, coupled with past land use history, has left the property with high levels of arsenic and lead in the soil.</p> <p>Budget Request Basis: The appropriation in the 2021-2022 budget will allow for developing a design for planting approximately 3 acres of previously cleared area with native vegetation and continued maintenance of 3 acres of native vegetation planted in 2016 as identified in the Cleanup Action Plan approved by Washington Department of Ecology. It will also fund planning and preliminary design for remediation of former mining activities as required by King County Department of Local Services Permitting. Budget is based on detailed Engineer's estimate, past experience with construction of a similar revegetation project in 2016, and on contractual commitments for design and engineering.</p>
1122161	PKS CENTRAL MAINT FACILITY STANDALONE		\$6,023,720	<p>Current Scope: Central Maintenance Facility (Renton Shop) - includes acquisition, design and construction of new buildings with industrial shops, crew areas and operations administration, heavy equipment, vehicle, and materials storage as well as staff and fleet parking on the 5.7 acre site. Project additionally includes extension of new utilities from ROW and private road to the site as well as site distribution of those utilities. The project includes demolition of the existing facilities and utilities along Jefferson. Project also includes provision of sewer connection to County owned (Roads) adjacent parcel and provision of new water service line extension to other Roads' owned parcels which currently are leased by other County agencies (SWD, Fleet, Metro) in accordance with City of Renton Conditional Use Permit requirements.</p> <p>Budget Request Basis: Budget is necessary to move the project into implementation. The funds will cover items which became known after baseline such as Conditional Use Permit requirements and associated mitigation fees, increases required to solar system as the result of design development of the major shops, the need to move operations off site due to deep excavation required for 100% on-site stormwater treatment. The budget request is based on a 60% Design estimate prepared by an independent cost estimator that more accurately reflects the anticipated costs of the project. The 21-22 appropriation request brings the project total EAC to \$49 million including previous appropriations. \$47 million is to be paid by this project and \$2 million is to be funded out of Stewardship program (#1137279) as a part of maintenance shop improvements. The estimate at completion has a range between \$48-53 million.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3160 FMD-PARKS,REC,OPEN SPACE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3160 FMD-PARKS,REC,OPEN SPACE - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1122178	PKS SNO VALLEY TRAIL ADD PROGRAMMATIC	✓	(\$1,100,000)	<p>Current Scope: SNO VALLEY TRAIL ADDITION - This project provided funding to purchase open space in and around the historic Snoqualmie Mill site to secure the final 1-mile missing link in the 31.5-mile Snoqualmie Valley Trail regional corridor, from Duvall to Rattlesnake Lake. King County purchased 32 acres in fee and 34 acres in conservation easement in November 2015, including a portion of the historic rail bed. The remaining 0.5-mile segment of the historic railbed needed to secure the trail corridor is currently owned by Weyerhaeuser. King County Parks has been in long-term discussions with Weyerhaeuser, and discussions will continue as this acquisition remains a high priority for the Regional Trails System. At such time an agreement is reached with Weyerhaeuser, King County Parks will request appropriation to fund the acquisition.</p> <p>Budget Request Basis: Due to the uncertainty of the project's completion, this budget is requesting a disappropriation of the balance to other Parks' project that needs the funding more urgently.</p>
1129678	PKS GRANT CONTINGENCY 3160 STANDALONE		\$350,000	<p>Current Scope: Grant Contingency 3160 - This is a project to provide Parks with more flexibility on the budget side to deal with both anticipated and unanticipated future grant opportunities. The Grant Contingency request is being split between the two capital funds in Parks. A smaller portion of the Grant Contingency request is in Fund 3160 as compared to Fund 3581.</p> <p>Budget Request Basis: The amount requested is based on grants that have either already been applied for or currently under consideration. Potential granting agencies include the Puget Sound Regional Council (PSRC), the State's Recreation & Conservation Office (RCO), Washington Department of Natural Resources, King County Flood District, Land and Water Conservation Fund (LWCF), Washington State Department of Ecology (WSDOE), Washington State Department of Transportation (WSDOT), Bian Abbott Fish Barrier Removal Board, the Cooperative Watershed Management (CWM), and any other grants including King County grants.</p>
1129686	PKS M:SMALL CAPITAL PROGRAMMATIC		\$3,342,000	<p>Current Scope: The Small Capital Program - is an on-going program that funds emergent and time critical small capital construction, safety, repairs, retrofit, replacement or major maintenance project design and/or implementation with the use of in-house county forces.</p> <p>Budget Request Basis: This 2021-2022 capital appropriation request funds the design, permitting, and implementation of emergent priority small projects in the Park System. High Priority 2021-2022 capital projects include, but are not limited to, the following: high priority small drainage repair projects, ongoing ADA pathway accessibility improvement projects, demolitions, on-going electrical/mechanical/plumbing repairs and upgrades, preparation work for placement of prefabricated pit toilets, restroom repairs, park system signage, reroofing projects, fencing, lighting, benches, shelters, and kiosks, safety and security repairs and upgrades, gates, installation of survey monument and property boundary markers, and cultural resources survey. Budget is based on Planning Level Engineer's Estimate, past experience, and costs associated with similar past contracts for design, engineering, permitting, and construction.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3160 FMD-PARKS,REC,OPEN SPACE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3160 FMD-PARKS,REC,OPEN SPACE - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139082	PKS M:INFRASTRUCTURE REHAB PROGRAMMATIC		\$5,181,980	<p>Current Scope: Infrastructure Rehabilitation - This project funds on-going needs to design and implement capital investments and solutions to emerging time critical capital construction or major maintenance needs, ADA accessibility, and other recommendations identified in Major Maintenance Reserve Studies to optimize the life cycle of park assets throughout the county's parks system.</p> <p>Budget Request Basis: The 2021-2022 budget request will fund emerging and strategic needs throughout the Parks system. The types of projects to be completed in this program include, but are not limited to, structural rehabilitations of buildings, interior building rehabilitation, restroom replacements/rehabilitation, parking lot and pathway pavement restoration, park maintenance shop rehabilitations, replacement of failing mechanical systems or utilities, fencing replacements, energy efficiency improvement projects, mitigation site monitoring and maintenance, and ADA access improvements. This request is based on past program needs, planning level engineer's estimates, past experience with previous similar projects, and on past contractual commitments for design, permitting, engineering, and construction.</p>
3160 - FMD-PARKS,REC,OPEN SPACE Total			\$13,461,470	
Grand Total			\$13,461,470	

2021-2022 Proposed Financial Plan
Parks, Recreation, and Open Space Fund/0000003160

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	787,000	440,970	1,227,970	-	-
Real Estate Excise Tax (REET) 1	5,860,948	(399,920)	5,461,028	7,765,000	5,676,000
REET II	7,900,535	10,511,420	18,411,955	9,257,000	6,277,000
Grants	1,342,997	350,000	1,692,997		
Bond Proceeds	23,900,000	-	23,900,000	-	-
Miscellaneous		2,559,000	2,559,000		
Total Capital Revenue	\$ 39,791,479	\$ 13,461,470	\$ 53,252,949	\$ 17,022,000	\$ 11,953,000
Capital Appropriation:					
Regional and Other Public Trails System	(1,192,167)	1,181,230	(10,937)	-	-
Regional Open Space Acquisition and Stewardship	(27,325)	(100,000)	(127,325)	(100,000)	(100,000)
Critical Infrastructure and Major Maintenance	(37,655,365)	(14,182,700)	(51,838,065)	(16,912,000)	(11,843,000)
Community Partnerships and Grants (CPG)	(436,440)	-	(436,440)	-	-
Grants Program	-	-	-	-	-
Grant Contingency	(472,540)	(350,000)	(822,540)	-	-
Administration	(7,641)	(10,000)	(17,641)	(10,000)	(10,000)
Total Capital Appropriation	\$ (39,791,479)	\$ (13,461,470)	\$ (53,252,949)	\$ (17,022,000)	\$ (11,953,000)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	1,482,605	1,482,605	-	1,227,996	2,521,743	2,360,186
Capital Funding Sources						
REET1 Real Estate Excise Tax (REET) I	5,971,705	6,017,000	-	4,369,000	6,200,000	5,833,000
REET2 REET II	3,097,596	9,576,000	-	14,730,000	9,057,000	7,111,000
Grant Grants	679,533	727,000		677,000	508,000	254,000

Bond
BR

Bond Proceeds	-			23,900,000		
Miscellaneous	501,056	501,056	-	2,559,000	-	-
Total Capital Revenue	\$ 10,249,890	\$ 16,821,056	\$ -	\$ 46,235,000	\$ 15,765,000	\$ 13,198,000
<u>Capital Expenditures</u>						
Regional and Other Public Trails System	(68,551)	(70,774)	-	(11,308)	-	-
Regional Open Space Acquisition and Stewards	(163,723)	(276,650)	-	(64,000)	(98,000)	(116,000)
Critical Infrastructure and Major Maintenance	(8,969,249)	(15,017,322)	-	(43,891,093)	(15,254,557)	(14,523,000)
Community Partnerships and Grants (CPG)	(633,895)	(1,324,895)	-	(436,852)	-	-
Grant Contingency	-	-	-	(354,000)	(248,000)	(174,000)
Administration and Central Rates	(11,000)	(426,575)	-	(184,000)	(326,000)	(404,000)
Total Capital Expenditures	\$ (9,846,416)	\$ (17,116,217)	\$ -	\$ (44,941,253)	\$ (15,926,557)	\$ (15,217,000)
<u>Other Fund Transactions</u>						
Other General Ledger Revenue (Expenses)	40,553	40,553	-	-		
Ending Fund Balance	\$ 1,926,630	\$ 1,227,996	\$ -	\$ 2,521,743	\$ 2,360,186	\$ 341,186
Fund Balance designated to current projects*	\$ (1,485,660)	\$ (787,026)	\$ -	\$ (2,521,743)	\$ (2,360,186)	\$ (341,186)
<u>Reserves</u>						
Grant Contingency						
Property Acquisition Reserve	(440,970)	(440,970)				
Total Reserves	\$ (440,970)	\$ (440,970)	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ 0	\$ 0	\$ -	\$ 0	\$ 0	\$ 0

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated Ending Balance column reflects the best estimate of the inception to date budget balances and actual balances after 2019 is closed.

2021-2022 Proposed Budget is consistent with PIC for Executive Proposed Budget.

2021-2022 Total Budget sums the Estimated Ending Balance Budget and the 2021-2022 Budget.

Outyear allocations for projects not requesting budget in this cycle are included in the financial plan but not in PIC.

Revenue Notes:

Revenues shown are equal to the budgeted expenditure. Revenues include new revenue and fund balance designated to projects.

Outyear budget revenue estimates are consistent with the August 2020 Office of Economic and Financial Analysis (OEFA) forecast for Real Estate Excise Taxes.

Grants are not forecast in the outyears.

Proposed REET 1 reduction is being moved to other priority projects for other King County agencies. The REET 2 allocation is being used to accommodate this change.

Bond proceeds will finance the construction of a new Central Maintenance Facility (#1122161). Debt Service will be paid out of REET II fund (Fund 3682). Debt service charge is estimated for 20 years financing and included in REET Fund budget.

2019-2020 Miscellaneous revenue includes fund balance transferred from the Parks Operating fund 1451 for the Facility Schedule AR System project (#1137163).

Appropriation Notes:

Outyear appropriation is estimated basing on historical budget allocation. Grants are not forecast in the outyears.

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month.

2019-2020 Actuals reflect 2019-2020 amounts in EBS.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and should be informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenues Notes:

2019-20 Miscellaneous revenue includes fund balance transferred from the Parks Operating fund 1451 for the Facility Schedule AR System project (#1137163).

Expenditure Notes:

Critical Infrastructure and Major Maintenance includes the Central Maintenance Facility (#1122161) project's 2021-2022 forecasted spending of \$37M.

Out-year expenditure is estimated basing on historical spending pattern and division target.

Reserve Notes:

Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

Proceeds from sales of Peterson Lake Shop and Bergstrom Property are reserved and are appropriated in the 2021-2022 biennium for the Central Maintenance Facility capital project.

The two main funding sources within this fund (Real Estate Excise Taxes and grants) are received on a reimbursable basis. Since there is a lag between when expenditures occur and when reimbursements are received, the fund often ends the financial year with a deficit.

Add date data pulled, from what system, and by whom: Aug 25, 2020, BI Publisher, by Myunghee Chung

Add date the financial plan was last updated and by whom: Aug 25, 2020, By Myunghee Chung

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1044588	PKS BASS/BEAVER/DAN DY LK-PEL STANDALONE		\$500,000	<p>Current Scope: Bass Lake Complex Acquisition - This project will support a vision to connect the Bass Lake Complex Natural Area to the Green River Gorge by acquiring vacant forested parcels that connect two major public land systems.</p> <p>Budget Request Basis: The Committee recommends partial funding of \$1,000,000 total, consisting of \$500,000 CFT in bond dollars and \$500,000 Parks Levy dollars, to purchase approximately 90 acres over four parcels owned by one landowner. The Committee anticipates an additional request for funding next year for the remaining parcels.</p>
1044590	PKS BEAR CREEK WATERWAYS STANDALONE		\$450,000	<p>Current Scope: Bear Creek Waterways - This project will acquire properties in the Bear Creek watershed to fill gaps in public ownership along creeks, provide open space connectivity, and preserve regionally significant Chinook spawning habitat.</p> <p>Budget Request Basis: The project scope targets up to 14 acres, including several King County Roads surplus properties, portions of larger parcels along Bear Creek that will enable habitat restoration projects, and a parcel within a set of lands that represents the largest remaining opportunity to protect existing high-quality Chinook habitat on Cottage Lake Creek.</p>
1044592	PKS CAPITAL PROJECT OVERSIGHT ADMIN		\$57,687	<p>Current Scope: Auditor Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.</p> <p>Budget Request Basis: Budget appropriation supports the cost of capital project oversight work by the King County Auditor, based on the allocation formula.</p>
1044596	PKS COUGAR MTN PRECIPICE TRL STANDALONE		\$300,000	<p>Current Scope: Cougar Mountain Precipice Trail - This project will acquire undeveloped, forested land adjacent to Cougar Mountain Regional Wildland Park.</p> <p>Budget Request Basis: Cougar Mountain expansion has been a long-term priority for King County Parks, and this project will acquire approximately 81 acres, including DeLeo Wall on southwest Cougar Mountain (working in partnership with Newcastle which received CFT funding last year toward the purchase), and additional targets on the northeast portion of Cougar Mountain. Past Parks Levy cash and land match will contribute toward the project.</p>
1044600	PKS M:E Lake Samm Trail PROGRAMMATIC		\$45,005,206	<p>Current Scope: East Lake Sammamish Trail (ELST) - The purpose of the ELST project is to design and construct an alternative non-motorized transportation corridor and a multi-use recreational trail along the 11 mile former railroad corridor on the east side of Lake Sammamish.</p> <p>Budget Request Basis: The \$45 million request will fund construction of the remaining 3.65 miles of the South Sammamish B segment. The requested budget is based on a detailed engineer's estimate, past experience with previous segments of the project, and on contractual commitments for design, permitting, and engineering. The legal cost budget is based on estimates from the Prosecuting Attorney's Office based on current anticipated project needs.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1044668	PKS M: FOOTHILLS REGIONAL TRL PROGRAMMATIC		\$8,501,650	<p>Current Scope: Foothills Regional Trail - This project will connect the Foothills Trail system in Pierce County to the Foothills Trail in King County. The project has been segmented into two separate projects in order to meet environmental, safety and budget constraints. Segment A will leaves from 252nd St.in Enumclaw and extends 0.8 mile to just south of the Boise Creek bridge. Segment B includes 0.3 miles of trail and includes a new bridge crossing the White River. It will begin at the Boise Creek bridge terminus and continue across Mud Mountain Road to the White River, including crossing of the river.</p> <p>Budget Request Basis: This appropriation is for the implementation phase of Segment B, including the White River Bridge. The budget request is based on a detailed engineer's estimate, requirements associated with the White River Channel Migration Zone designation, past experience with previous segments of the project, and on contractual commitments for design and engineering.</p>
1044743	PKS LWR CEDAR CONS AREA-PEL STANDALONE		\$0	<p>Current Scope: Lower Cedar Conservation Area - Acquire four parcels (15 acres) as additions to Dorre Don Reach Natural Area, east of Maple Valley on the Cedar River.</p> <p>Budget Request Basis: Scope clarification to prioritize several parcels that were shown in the longer-term scope as primary targets (parcels 0922069114, 0922069128, 1522069105, 0422069028, 2023069010, and 2323059065). This request also adds three parcels (one acre) to the scope (parcels 2085200975, 2085200980, 2085200985).</p>
1044750	PKS MITCHELL HILL DUTHIE STANDALONE		\$740,000	<p>Current Scope: Mitchell Hill Forest Additions - This project builds on a multi-year effort to add to thousands of acres of permanently conserved public land east of Issaquah.</p> <p>Budget Request Basis: This regionally significant project connects major public open spaces owned by King County and the Washington State Department of Natural Resources (DNR). This proposal will contribute toward a conservation easement on 121 acres of Seattle Public Schools' Cleveland Memorial Forest to restrict development, prevent future conversion of the property to residential development, and secure a public trail that would connect Duthie Hill Park to Fall City Park.</p>
1044755	PKS PATTERSON CREEK ADDTN-PEL STANDALONE		\$0	<p>Current Scope: Patterson Creek Addition - This project will acquire high-value habitat parcels for the Patterson Creek Natural Area, including WADNR surplus parcels and other parcels targeted to preserve Patterson Creek and associated wetland.</p> <p>Budget Request Basis: This project adds three parcels, approximately 10 acres, slightly upstream of recent targets along Patterson Creek, to the project scope. The Conservation Futures Committee recommends the addition of parcels 232506-9028, -9029, and -9095.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1044834	PKS M:REG TRL CORR ACQUISIT PROGRAMMATIC		\$945,700	<p>Current Scope: Regional Trail Corridor Acquisitions - The project provides funding to acquire the right-of-way property in either fee or easement to fill in missing links of the King County regional trails system. The 2021-20222 appropriation will support an acquisition for continued development of the Lake to Sound Trail across the City of Renton connecting to the recently completed 1.2 miles Segment A of the trail.</p> <p>Budget Request Basis: The amount is based on assessed value of property and is necessary to develop and connect the trail in this area.</p>
1044835	PKS REGIONAL OPEN SPACE INITI PROGRAMMATIC		\$10,864,504	<p>Current Scope: Paradise Judd Creek - This is a multi-year project focusing on acquiring primarily conservation easement on parcels along Judd Creek on Vashon Island, in partnership with the Vashon Maury Island Land Trust (VMILT), which has secured private funding for preservation in the Judd Creek corridor. The ultimate goal of this project is to create a trail from Island Center Forest to the water.</p> <p>Budget Request Basis: This appropriation of Parks, Recreation, Trails and Open Space Levy dollars will allow the Conservation Futures Tax (CFT) Citizen Committee to make its 2021 recommendations.</p>
1044912	PKS SOOS CREEK REGIONAL TRAIL PROGRAMMATIC		\$303,000	<p>Current Scope: Soos Creek Regional Trail - This current scope of work entails completing final design for a segment of trail that extends north from the current trail terminus at SE 192nd Street and extends north across SE 192nd Street making connections to both SE 186th St as well as a backcountry connection to Boulevard Lane Park. The scope and complexity of the intersection crossing will still need to be discussed with the three jurisdictions (Kent, Renton, and King County) having authority over the intersection. A portion of this work (approximately 500 lineal feet) will be either constructed or funded through a private developer agreement. Another portion of the trail segment (approximately 350 lineal feet) passes through the private development. This agreement needs to be executed prior to completion of the final design.</p> <p>Budget Request Basis: The 2022-2022 proposed capital appropriation for this trail segment funds continued final design work, engineering, and permitting for this 1.1 mile trail segment. The budget is based on the completed 90% civil design Engineer's Estimate through this section, past experience, and costs associated with past contracts for design, engineering, and construction. Implementation Phase funding will be made in a future budget request.</p>
1044915	PKS T/T TO FUND 3160 ADMIN	✓	\$2,319,000	<p>Current Scope: Transfer fund to F3160 - This project is to transfer funds to a PARKS,REC,OPEN SPACE Fund 3160.</p> <p>Budget Request Basis: This requested appropriation amount is based on the accumulated miscellaneous revenue.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1047004	PKS PARADISE- JUDD CK (VI)-PEL STANDALONE		\$0	<p>Current Scope: Paradise Judd Creek - This is a multi-year project focusing on acquiring primarily conservation easement on parcels along Judd Creek on Vashon Island. The work is done in partnership with the Vashon Maury Island Land Trust (VMILT), which has secured private funding for preservation in the Judd Creek corridor. The ultimate goal of this project is to create a trail from Island Center Forest to the water.</p> <p>Budget Request Basis: Existing funding is sufficient to meet the project goals. This scope clarification prioritizes 072203-9039, 012202-9092, 072203-9158, 072203-9167, 072203-9017 as primary targets of this past award.</p>
1112621	PKS South County Regional Trail PROGRAMMATIC		\$1,473,390	<p>Current Scope: South County Regional Trail - The South County Regional Trail Program (Lake to Sound Trail) - funds a multi-jurisdiction, multiple segment trail that extends 16 miles from the mouth of the Cedar River at Lake Washington in Renton to Des Moines Beach Park on Puget Sound. This type of multijurisdictional trail requires years of coordination and advanced planning. Segments of the trail will advance on individual timelines. From a design and implementation perspective, it is advantageous to have one segment going into construction, while another segment is in Final Design, and yet another is in Preliminary Design.</p> <p>Budget Request Basis: This budget request increases the spending authority for the segment C project up to the full \$10.2 million and will move the project out of final design. The previous appropriation amount for Segment C was for a lesser amount which has now increased due to cost increases for the project. Cost increases are related to prolonged acquisition efforts and WSDOT requests. The \$10.2 million of funding for the construction of Segment C will be reimbursed to KC Parks from the WSDOT via a funding agreement when the project is completed.</p>
1114769	PKS ISSAQUAH CREEK PROTECTION STANDALONE		\$0	<p>Current Scope: Issaquah Creek Protection - This project will acquire 122 acres at the confluence of Holder and Carey Creeks, where they meet and form Issaquah Creek in an ecologically significant location in the Issaquah basin. Adjacent WADNR property that the County is working to acquire is also in the project scope. The 122 acres already has a conservation easement that removed most development rights and allows restoration of the stream buffers.</p> <p>Budget Request Basis: The County requested the addition of three parcels downstream of the original Issaquah Creek project site, adding 35 acres to the scope. The Committee approves the addition of parcels 1023069052, 1023069031 and 2223069009 to the scope.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1116951	PKS M-WETLAND 14 STANDALONE	✓	(\$42,000)	<p>Current Scope: Parks Wetland 14 - This project will conduct feasibility and due diligence for future acquisition of conservation lands adjacent to Spring Lake/Lake Desire Park. The project seeks to add to the natural areas, remove inholdings, and expand habitat protection and trail opportunities.</p> <p>Budget Request Basis: The County continues to work with a landowner at Spring Lake on a trail easement. The County requested to retain approximately \$10,000 total to complete the acquisition and will return \$5,000 CFT and \$42,000 Parks Levy to be reallocated to other projects. The Committee recommends transfer of \$5,000 CFT and \$42,000 Parks Levy out of the project.</p>
1120085	PKS M:GREEN2CEDAR RIVER TRAIL PROGRAMMATIC		(\$900,000)	<p>Current Scope: Green2Cedar Trail -This master program funds multiple segments including preliminary design, final design, and implementation of the Green to Cedar (G2C) Rivers Trail, an 11 mile regional trail corridor in South King County linking Renton to Black Diamond. Portions of the corridor are currently developed as a soft-surface trail and other sections in the south end are undeveloped, forested open space. The proposed trail development project will create a regional trail in accordance with Parks Regional Trail Standard and is currently divided into two segments the G2C North Segment runs three miles from the existing Cedar River Trail to Kent Kangley Road in Maple Valley; the G2C South Segment is eight miles from Kent Kangley Road to the Green River south of Black Diamond.</p> <p>Budget Request Basis: This 2021-2022 budget appropriation redistributes construction funding to other Regional Trail projects; Per council proviso in the 2020 budget, Parks is working with the City of Maple Valley and other area stakeholders to recommend an interim trail from Kent Kangley Rd, extending south to the Black Diamond Open Space (BDOS). The majority of the funding for the construction of that segment will come from a future appropriation. This appropriation will reprogram existing funds to begin that design effort for the 2 mile Kent Kangley to BDOS segment as well as transfer funds to a more shovel ready projects.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1121155	PKS M: EASTRAIL (ERC) PROGRAMMATIC		\$32,706,830	<p>Current Scope: Eastside Rail Corridor Trail - The Eastrail is a phased capital program that will construct approximately 16 miles of paved shared use path connecting Renton, Bellevue, Kirkland, Woodinville, and Redmond. In addition to connecting communities, the trail will also connect existing regional trails including the I-90 Trail, SR 520 Trail, Sammamish River Trail, Cedar River Trail, and Lake to Sound trail. The overall program includes rehabilitation of several major structures including the Wilburton Trestle, a new bridge over NE 8th St. in Bellevue, a bridge over the Wilburton "Gap" by Washington State Department of Transportation (WSDOT) which includes partial funding support by King County, and renovation of a steel railroad bridge over I-90. As part of its phased implementation, portions of the trail will be constructed as interim (soft surface) trail to support limited use until funding for full construction is available.</p> <p>Budget Request Basis: This budget request will fund final design of the Wilburton Trestle. Legal and emergent costs are based on historical costs and input from Prosecuting Attorney's Office and the King County Parks Capital Improvement Program (CIP) group. Estimates are based on planning-level estimates developed by a combination of consultants and internal CIP group processes. Estimates for Wilburton Trestle are based on draft 60% engineer's estimate.</p>
1121443	PKS M:TRAILHEAD DEV & ACCESS PROGRAMMATIC		(\$2,720,000)	<p>Current Scope: Trailhead Development and Access - The scope of this project includes needed trailhead and access development at park/trail locations throughout the King County Parks system to provide access to 185 miles of maintained backcountry trails.</p> <p>Budget Request Basis: The 2021-2022 budget redistributes funds to other high priority Parks projects. The remaining funding will complete design and construction on two priority trailhead projects (Cougar-Precipice and Little Lake Forest) and advance design on two other trailhead project sites (Cougar-Squak and Tennant Trailhead at Rattlesnake Mountain). At the end of the levy in 2025, five more projects will be complete (two as carryover from the 2014-2019 levy and three new projects for the 2020-2025 levy).</p>
1121445	PKS NEWAUKUM/BIG SPRING CRK STANDALONE		\$0	<p>Current Scope: Newaukum and Big Spring Creeks - This project is ongoing restoration work in the basin: the major CIP work on Big Spring Creek and the small-scale plantings and restoration which have planted more than 200,000 trees along Big Spring and Newaukum Creeks since 2007. Expanding the size of this natural area provides more public land where beaver can recolonize sites and act as agents for restoration, thereby potentially reducing future drainage complaints on private lands.</p> <p>Budget Request Basis: Scope is adjusted to adopt the primary targets in the 2021 Green River/Newaukum Creek awards as primary targets in the scope of the past awards for Green River/Newaukum Creek.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1121451	PKS GRIFFIN CREEK NA STANDALONE		\$195,000	<p>Current Scope: Griffin Creek Natural Area - This project would expand the existing Griffin Creek Natural Area.</p> <p>Budget Request Basis: This year's award would allow the County to acquire 3.1 acres of vacant land between Griffin Creek Rd NE and Griffin Creek. The County will conduct a boundary line adjustment for a partial acquisition of a larger parcel.</p>
1121452	PKS PINER POINT NATURAL AREA STANDALONE		\$0	<p>Current Scope: Piner Point Natural Area - This project is a multi-year effort to purchase several properties on Piner Point on the south end of Maury Island. The project will acquire two parcels as additions to Pt. Heyer and Corbin Beach Natural Area, preserving intact parcels and purchasing developed shoreline to allow for future restoration opportunities.</p> <p>Budget Request Basis: The County requested the addition of a 2.8-acre parcel at Point Heyer and a 3.36-acre parcel at Corbin Beach, as well as a scope clarification to make a parcel at Big Beach/Lost Lake a priority target. The Committee approves the addition of parcels 3223039160 and 1823089092 to the scope, and approves the scope clarification to make parcel 2622069080 a priority parcel.</p>
1121455	PKS M:RTS MOBILITY CONNECTIONS PROGRAMMATIC		(\$3,480,000)	<p>Current Scope: Regional Trail System (RTS) Mobility Connections (MCs) - are defined in the Regional Trail System Network Vision (2012) as connections from existing and planned regional trails to important destinations - transit centers, city centers, and other important locations. This master program will investigate the feasibility of designing and implementing these bicycle and pedestrian links within King County's urban areas and, where appropriate, will partner with other public agencies to design and construct them. In addition, this program supports continued planning efforts in coordination with Sound Transit and the Downtown Redmond Link Extension Project to integrate nonmotorized connectivity to their nearby facilities.</p> <p>Budget Request Basis: Disappropriation is requested from two subprojects that are proposed to be standalone projects.</p> <p>Marymoor Trail Water Maintenance Extension project (a new standalone project #1139078) is to build a connector trail between the new SE Redmond Light Rail Station and the Marymoor Connector Trail. The proposed disappropriation from the subproject will fund this new standalone project.</p> <p>ELST Redmond Light Rail Extension project (a new standalone project #1139077) is to integrate nonmotorized connectivity to their nearby facilities. New Parks Levy will fund this new Project. The original funding source for subproject came from the Emergent Contingency which provided the match dollars and near-term funding needed to initiate planning work on this project. The proposed disappropriation from this subproject will be distributed to other needs within the Regional Trails Capital Program.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1121497	PKS M:AQUATIC CENTER PROGRAMMATIC		\$2,351,920	<p>Current Scope: The King County Aquatic Center (KCAC) - was built in 1989 to host the Seattle Goodwill Games in 1990. The complex consists of two main buildings, the Aquatic Center (which includes a dive pool, a competition pool, a recreational pool and associated support spaces including offices, locker rooms and mechanical rooms) and Banquet Hall (built in 1997), plus three paved parking lots surrounding the buildings. This master program would fund priority and emergent capital projects to address priority capital rehabilitation needs, major maintenance, repair and safety needs at the KCAC.</p> <p>Budget Request Basis: The planned asset improvement projects funded by this 2021/2022 appropriation include updating light fixtures to LED, resurfacing the pool deck, replacing the street reader board, repairing the banquet hall roof, adding shades to the skylights in the lobby, and the replacing the HVAC and Pool Pak systems.</p>
1121498	PKS M:PLAYAREA REHAB PROGRAMMATIC		\$688,820	<p>Current Scope: Play Area Rehabilitation Program - The project will fund the removal, rehabilitation, and upgrade of play structures and safety surfacing at regional, rural and UGA parks throughout the King County Parks system, as needed for safety. Depending on the current condition of a play area, rehabilitation will vary from full replacement of equipment and safety surfacing for some play areas, to partial equipment or surfacing replacement in other areas.</p> <p>Budget Request Basis: Planned projects to be done with this proposed appropriation: Carryover funds from 2019/2020 will be used to finish the rehabilitation of the Skyway Play (2021) and Marymoor North 5-12 year (2021) area. Design and construction will be done for rehabilitation of Boulevard Lane Park (2022) and drainage and curbing at Preston Athletic Fields (2021). Design will also start for Maplewood Park (2022). Future planned appropriation 2023-2025 requests, if approved, will fund these projects: Maplewood, 5 to 12 year area construction, Dockton 5 to 12 year area design and construction, and Big Finn Hill Climbing Net design and construction. Additional projects will be programmed each year based on equipment condition.</p> <p>Budget is based on detailed Engineer's Estimate, past experience with similar project and on contractual commitments for design, engineering and construction.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1121499	PKS M:BRIDGE&TRESTLE PROGRAM PROGRAMMATIC		\$3,051,240	<p>Current Scope: The Bridge and Trestle Program - The Bridge and Trestle master program is an ongoing effort to inspect, enhance, repair and replace (as needed) the bridge and trestle structures associated with King County Parks' Regional Trails System.</p> <p>Budget Request Basis: The amount requested for the master program in this 2021-2022 appropriation request comes from the overall 6 year CIP program for bridges and trestles. Individual project budgets are based on detailed Engineer's Estimates, past experience with previous similar bridge projects and on recent contractual commitments for design and engineering. The 2021-2022 appropriation request for the master program includes but is not limited to funding for the following countywide work: responding to emergent priority bridge issues that arise, program administration, inspections, load ratings, small repairs, and replacements.</p>
1121500	PKS M:REG TRL SURFACE IMPR PROGRAMMATIC		(\$460,000)	<p>Current Scope: Regional Trail Surface Program - This program will identify, design, engineer, permit, and implement emergency repairs, major maintenance, and rehabilitate soft surface and paved trails including trail appurtenances (drainage under surfacing, pathways to trail parking and rest areas) throughout the Regional Trails System (RTS). This program work will include major resurfacing and repairs that exceed normal maintenance and will allow the Division to respond to emergency surface repairs or unforeseen trail issues as they occur to ensure trail usability and safety.</p> <p>Budget Request Basis: This program is being incorporated into a new master program 1139079 Parks Capital Improvements for Regional Trails. Currently programmed projects will be completed. This appropriation reduces the budget by \$460,000. The remaining funds will be spent out over the next 2 years.</p>
1121501	PKS M:DOCK REHAB PROGRAM PROGRAMMATIC		\$2,020,000	<p>Current Scope: The Dock Rehabilitation Program - is a master program that is an ongoing effort to inspect, repair and/or replace (as needed) existing dock structures associated with the King County Parks System.</p> <p>Budget Request Basis: The 2021-2022 appropriation funds Phase 2 of the Dockton Dock rehabilitation. Based on preliminary estimates of anticipated costs the scope elements include: Replacement of the external breakwater and associated piling as well as replacement of the finger piers connected to this breakwater.</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1123804	PKS M:GRN RVR TR EXT PROGRAMMATIC		\$151,500	<p>Current Scope: Green River Trail Extension - The Green River Trail currently ends at the Cecil Moses Memorial Park along the Duwamish River. The Green River Trail Extension will create a 1.4 mile north-south trail connection adjacent to W Marginal Way PI S between Cecil Moses Memorial Park and the City of Seattle limits.</p> <p>The 2021-2022 budget request is for partial final design and acquisition funding. Implementation funding will be requested in a future budget request.</p> <p>Budget Request Basis: The project has completed Phase 1 – Planning. Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and permitting. The 2021-2022 proposed capital appropriation for this project funds a portion of final design and acquisition for this trail. Although there is no fee acquisition for Parks there are a number of Right of Way issues concerning the Washington State Department of Transportation and KC Roads that will need to be addressed through design. It is currently planned to be constructed (when funded as part of a future appropriation) through funding made available in the 2020-2025 Parks Levy. Previously this project had been placed on hold due to lack of appropriation.</p>
1123892	PKS M: BALLFLD, SPRT CRT REHAB PROGRAMMATIC		\$2,242,200	<p>Current Scope: Ballfield and Sport Court Rehabilitation Program - This is a maintenance program to address the backlog of emergent needs at existing priority grass ball field and sports court facilities throughout the King County Parks system. The scope of work includes, but is not limited to one or more of the following: drainage repair, subgrade/drainage repair, conversion to synthetic turf, fencing, minor or major court repairs or resurfacing and ADA accessibility improvements. New lighting systems may also be installed, providing greater energy efficiency and safe, uniform lighting levels for the users.</p> <p>Budget Request Basis: The planned asset improvement projects funded by this 2021-2022 appropriation include, a contribution towards design and implementation to repair/rehab drainage issues at Petrovitsky Park baseball fields #3 and #4 that may include conversion to synthetic turf. Begin planning and design to repair/rehab fencing, underdrain and entrance at Big Finn Ballfields. Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1123896	PKS M: DRNGE/SWR/WTR SYSTEM RHB PROGRAMMATIC		(\$1,250,000)	<p>Current Scope: Utility System Rehabilitation Program - This project will assess, evaluate, rehabilitate and/or replace existing underground and aerial utility systems (drainage, electrical, communication, water, and sewer) serving park buildings and facilities in order to ensure the continued operation of facilities, as well as, the safety of the public and staff.</p> <p>Budget Request Basis: Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction. The 2021-2022 capital disappropriation request includes reallocation of capital investments to standalone projects, Derby Culvert Construction (#1139081), Marymoor Water Meter Connection (#1139083), Marymoor Stormwater Facility (#1139084), and Marymoor Trail Water Main Ext. (#1139078).</p>
1123926	PKS S FRK SKYKMSH CORR CONSV STANDALONE	✓	(\$42,300)	<p>Current Scope: South Fork Skykomish Corridor Conservation - This project would protect a large contiguous forest and undeveloped and unprotected high-quality salmon habitat along the South Fork Skykomish River and its tributary rivers. It will also allow for increased passive recreation and river access two miles upstream of Skykomish.</p> <p>Budget Request Basis: The County reported that no acquisitions that were targeted with this grant have resulted in purchase. The County requests project abandonment. The Committee recommends that funds are transferred out of the project and that the project is closed.</p>
1123928	PKS SNO CORR REC PTNSHP STANDALONE		\$0	<p>Current Scope: Snoqualmie Corridor Recreation Partnership - This project is a partnership between King County Parks and WADNR to acquire properties in the Snoqualmie Corridor/Mountains to Sound Greenway to provide trail access to public lands. King County Parks partnered with the Trust for Public Land and WADNR to acquire the Hill property at Highpoint (Exit 20), which had been identified as a target for this project.</p> <p>Budget Request Basis: The project scope was expanded by the Conservation Futures Tax Committee to acquire additional parcels of regional significance in the Snoqualmie Corridor.</p>
1123996	PKS M: MARYMOOR PARK PROGRAMMATIC		(\$1,700,000)	<p>Current Scope: Marymoor Park Program - This master program would fund priority and emergent projects to address priority capital rehabilitation needs, major maintenance, repair and safety needs at Marymoor Park.</p> <p>Budget Request Basis: Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction. The 2021-2022 proposed capital appropriation is an overall reduction in budget for this master program funds due to carryover funds being sufficient to complete identified needs. Projects carrying over into 2021-2022 include design for rehabilitation of the Cottage Office, construction of the covered storage shed, and installation of a shade structure for protection at the northern Marymoor playground.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1126266	PKS CAPITAL PLANNING AND ADMINISTRATION		\$4,900,000	<p>Current Scope: Capital Planning Administration - This project provides funding for the continuation of the support, planning, development, and stewardship of King County Parks capital projects.</p> <p>Budget Request Basis: This appropriation funds staff and administrative costs for Parks' Capital program, including software and side-system license fees. The amount requested is calculated based on previous spending patterns and the cost of licensing Unifier, Parks' capital project management system.</p>
1127071	PKS COLD/COTTAGE LAKE CREEK STANDALONE		\$0	<p>Current Scope: Cold/Cottage Lake Creek - This project will acquire a property (1926069025) along Cottage Lake Creek and a Conservation Easement in this sub-basin of Bear Creek.</p> <p>Budget Request Basis: The County requested the addition of several parcels, adding 25 acres to the scope. The Committee approves the scope addition of parcels 2026069008, 0826069090, and 1625069088, and the scope clarification to prioritize parcel 3026069062.</p>
1127075	PKS LOWER NEWAUKUM CRK STANDALONE		\$0	<p>Current Scope: Lower Newaukum Creek - This project will acquire additional natural areas along the Green River to protect habitat in the lower Newaukum Creek basin and at the creek's confluence with the Green River near Whitney Bridge Park, south of Black Diamond.</p> <p>Budget Request Basis: Scope is adjusted to adopt the primary targets in the 2021 Green River/Newaukum Creek awards as primary targets in the scope of the past awards for Green River/Newaukum Creek.</p>
1127078	PKS BIG BEACH STANDALONE		\$0	<p>Current Scope: Big Beach - The project will acquire up to 15 acres in fee or easement as an addition to Big Beach Natural Area. This project focuses on a specific process unit (SPU) and divergence zone in the Maury Island Aquatic Reserve and is a mix of preserving intact parcels and purchasing developed shoreline to allow for future restoration opportunities.</p> <p>Budget Request Basis: Scope is adjusted to add the Point Heyer project scope to the scope of the Big Beach project to allow funding in the Big Beach account to be used by the Point Heyer project to achieve similar goals contributing to natural habitat protection and shoreline restoration. Point Heyer is the project with the most critical immediate need, there is sufficient funding in this project to continue work on current target parcels while completing the urgent Point Heyer acquisitions. The Committee recommends the addition of the parcels in the Point Heyer project to the scope (priority parcels are 042203-9017, 042203-9007 and 153520-1285).</p>
1129471	PKS SNOQUALMIE FOREST STANDALONE		\$0	<p>Current Scope: Snoqualmie Forest Conservation Planning - This request will fund feasibility and appraisal in support of additional conservation acquisitions at Snoqualmie Forest.</p> <p>Budget Request Basis: The budget request is based on previous experience and recommended by the Conservation Futures Committee.</p>

CAP Summary by Fund

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129472	PKS LWR CEDAR RV/TAYLOR STANDALONE		\$0	<p>Current Scope: Lower Cedar River at Taylor - This project will acquire approximately 10 acres along Taylor Creek in the Cedar River basin and add to the restoration footprint at Mouth of Taylor Reach Natural Area north of Maple Valley. This parcel is almost entirely in the floodplain, and removing the home and restoring the extensive lawns has significant potential to restore habitat on the property.</p> <p>Budget Request Basis: The County requested scope clarifications to prioritize several parcels that were shown in the longer-term scope as primary targets. The County also requested to add three parcels (one acre) to the scope. The Committee approves the scope clarifications of parcels 0922069114, 0922069128, 1522069105, 0422069028, 2023069010, and 2323059065, and the scope addition of parcels 2085200975, 2085200980, 2085200985.</p>
1129676	PKS GRANT CONTINGENCY 3581 STANDALONE		\$9,525,000	<p>Current Scope: Grant Contingency 3581 - This project provides Parks with more flexibility on the budget side to deal with both anticipated and unanticipated future grant opportunities. The Grant Contingency request is being split between the two capital funds in Parks.</p> <p>Budget Request Basis: The amount requested is based on grants that have either already been applied for or currently under consideration. Potential granting agencies include the Puget Sound Regional Council (PSRC), the State's Recreation & Conservation Office (RCO), Washington State Department of Natural Resources, King County Flood District, Land and Water Conservation Fund (LWCF), Washington State Department of Ecology (WSDOE), Washington State Department of Transportation (WSDOT), Brian Abbott Fish Barrier Removal Board, the Cooperative Watershed Management (CWM), and any other grants including King County grants.</p>
1129700	PKS M:SKYWAY PARK PROGRAMMATIC		\$1,065,550	<p>Current Scope: Skyway Park - This program is for the planning, design, engineering, permitting and construction of the proposed Skyway Park improvements. This project will make multiple improvements in phases, including installing a new mini open play soccer arena, installing an larger playground, adding adult fitness equipment, upgrading fencing, lighting, restrooms and ADA access, repurposing poorly draining ballfields to a grassy meadow, and creating a new pedestrian entry way.</p> <p>Budget Request Basis: Budget is based on detailed Engineer's Estimate, past experience with similar projects and on contractual commitments for design and engineering. The 2021-2022 budget appropriation will be used to continue the Phase 1 improvements that were not included in the scope for the 2017-2020 improvements due to insufficient funds. These improvements potentially include benches, picnic tables, new walking pathway, solar safety lighting, and sports court improvements.</p>

CAP Summary by Fund

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1132220	PKS RAGING RIVER NA ACQ STANDALONE		\$1,130,000	Current Scope: Raging River Natural Area Acquisition - This project continues a multi-year request to acquire the Raging River Quarry. Budget Request Basis: The scope proposes protecting up to 42 acres by completing fee purchase of the 25.8-acre proposed mine expansion parcel (recently purchased by the Trust for Public Land as a buy-and-hold on behalf of King County); fee purchase of a five-acre residential parcel; and a conservation easement over 11 acres of the mining parcel. The County is seeking additional project funds from Recreation and Conservation Office grants that would be available in 2021 if awarded.
1132222	PKS CEDAR RV ELLIOTT BRG REACH STANDALONE		\$0	Current Scope: Cedar River Elliott Bridge Reach - This proposed acquisition supports a large project to remove two levees and restore habitat in support of Cedar River salmon populations. The current budget request is to acquire the south side of the river, which has been a priority for years and the landowner is finally willing to sell. Budget Request Basis: The County requested scope clarifications to prioritize several parcels that were shown in the longer-term scope as primary targets. The County also requested to add three parcels, adding 1 acre to the scope. The Committee approved the scope clarifications of parcels 0922069114, 0922069128, 1522069105, 0422069028, 2023069010, and 2323059065, and the scope addition of parcels 2085200975, 2085200980, 2085200985.
1133889	PKS THREE FORKS NA ADD STANDALONE		\$79,188	Current Scope: Three Forks Natural Area Addition - This project will acquire approximately 4.67 acres of a larger 39 acre parcel along the Snoqualmie River for the Three Forks Natural Area. The goal is to protect riparian habitat and accommodate public use of a popular summer river destination and swimming beach along the Snoqualmie River. The owner of the parcel is managing the parcel for sustainable forestry and would like to sell the portion of his property along the river. The project would require a boundary line adjustment prior to acquisition. Budget Request Basis: The county requested an additional funding to complete acquisition of the project, as the costs increased above the original estimates. The Committee recommends allocation of \$79,188.
1133890	PKS CEDAR RIVER ADD STANDALONE		\$0	Current Scope: Cedar River Land Conservation - This project will acquire land along the Cedar River for fish and wildlife habitat, restoration projects, and passive recreation. This request is for a scope change. Budget Request Basis: The County requested scope clarifications to prioritize several parcels that were shown in the longer-term scope as primary targets. The County also requested to add three parcels, adding one acre to the scope. The Committee approves the scope clarifications of parcels 0922069114, 0922069128, 1522069105, 0422069028, 2023069010, and 2323059065, and the scope addition of parcels 2085200975, 2085200980, 2085200985.

CAP Summary by Fund

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1133892	PKS MOLASSES CREEK STANDALONE		\$0	<p>Current Scope: Molasses Creek - The current project scope includes the acquisition of an approximately 1.18 acre parcel, which will provide an "inholding" within the existing Soos Creek Regional Park.</p> <p>Budget Request Basis: Mid-Year 2020: The County requested the addition of two parcels adjacent to the Soos Creek and Molasses Creek corridors, adding 50 acres to the scope. The Conservation Futures Committee approves the scope addition of parcels 2473360270 and 2723059039 to the scope. An additional scope addition was to adopt the primary targets in the 2021 Soos Creek/Molasses Creek project as primary targets in the scope of this past award.</p>
1133896	PKS SNOQUALMIE VALLEY FARMLAND STANDALONE	✓	(\$45,935)	<p>Current Scope: Snoqualmie Valley Farmland - The proposed budget request is for the purchase of a trail easement on the "Fall City Floating LLC" property. The easement would cross along the eastern boundary of the farmland to make a publicly accessible connection from Park's existing public parking lot to a safe crossing point of SR 203 and connect to a street (SE 39th PI) and trail that lead up to the Snoqualmie Valley Trail.</p> <p>Budget Request Basis: The County has completed the purchase, placing a farmland deed and agreement on the farm and securing a trail easement for King County Parks. The County requested project abandonment for the Parks Levy award as this work is complete (the CFT award will stay open and active). The Committee recommends that remaining funds are transferred out of the project and that the project is closed.</p>
1133897	PKS ERC NE 8TH ST ACQUISITION STANDALONE		\$0	<p>Current Scope: Conservation Futures King County – Eastside Rail Corridor – NE 8th Crossing - This project will acquire the appropriate property rights to construct the Eastside Rail Corridor (ERC) crossing over NE 8th in Bellevue, adjacent to the Link Light Rail corridor and Wilburton Station.</p> <p>Budget Request Basis: The Committee approved the scope clarifications of parcels 332505-9036 and 2825059328 which had been identified as future target parcels, to make them primary targets for the award. The Committee approves the scope addition of parcel 332505-9209 as a primary target for the award. The target acquisition of less than one acre is in the Wilburton Segment of the Eastrail, at NE 8th in Bellevue.</p>
1136777	PKS LITTLE SI INITIAL ACQ WORK STANDALONE		\$225,000	<p>Current Scope: Little Si Initial Acquisition Work - This project will conserve a parcel on Middle Fork Snoqualmie River, near King County's Tanner Landing Park and the Mount Si Natural Resources Conservation Area.</p> <p>Budget Request Basis: The current request seeks funding to acquire the 0.31-acre parcel.</p>
1136778	PKS GRN RV NEWAUKUM CRK PRSRV STANDALONE		\$980,000	<p>Current Scope: Green River Newaukum Creek Preservation - This project continues longtime conservation work on the middle Green River and Newaukum Creek.</p> <p>Budget Request Basis: There are numerous priority parcels across the Green River corridor and lower and middle Newaukum Creek basins. This project has partial land match from parcels purchased with Ecology grant funds and more potential funding from Ecology Watershed Restoration and Enhancement Committee for restoration.</p>

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1136780	PKS SOOS CREEK PARK STANDALONE		\$250,000	<p>Current Scope: Soos Creek Park - This project will expand the Soos Creek Park and Trail corridor, conserving forested upland and wetlands on the border of the City of Renton and unincorporated King County. The project is split between WRIA 9/Soos Creek basin and WRIA 8/Molasses Creek basin.</p> <p>Budget Request Basis: The Committee recommends partial funding of \$500,000 total, consisting of \$250,000 CFT in bond dollars and \$250,000 PL dollars. The primary targets of interest to the Committee were approximately 20 acres comprised of the vacant triangular RHA parcel and two adjacent strips of land, and the large wetland parcel to the north. The Committee did not view funding for the developed RHA parcel as a priority, identifying the undeveloped parcels with forest and wetlands as the primary targets for the funding award.</p>
1136781	PKS BOISE CRK ACQ FTR RESTORAT STANDALONE		\$390,000	<p>Current Scope: Boise Creek Acquisition Restoration - Land adjacent to Boise Creek will be acquired to promote future riparian restoration projects.</p> <p>Budget Request Basis: This project will purchase three conservation easements on three parcels (Chavis, Bickford, Allen). These acquisitions are active. In early 2021, King County expects to acquire the Bickford property in fee with new funding. A portion of Bickford (historic barn) may be segregated from parcel after acquisition via surplus.</p>
1136783	PKS VASHON ISLND MARINE SHRLNE STANDALONE		\$1,773,546	<p>Current Scope: Vashon Island Marine Shoreline - Vashon Island Marine Shoreline - This project will acquire 2,550 feet of marine shoreline spread out over several priority nearshore areas on Vashon-Maury Island to preserve ecologically intact parcels and purchase developed shoreline for future restoration opportunities.</p> <p>Budget Request Basis: The priority targets funded in this award are at Corbin Beach, Dockton Natural Area, and Lost Lake/Big Beach, as well as reimbursement of a recent buy-and-hold by Forterra at Point Heyer. The budget request amount includes a reallocation of \$51,046 from Big Beach (#1127078) and Piner Point Natural Area (#1121452).</p>
1136784	PKS VASHON STREAM & ESTUARIES STANDALONE		\$0	<p>Current Scope: Vashon Stream and Estuaries - This project will conserve pocket estuaries and stream corridors on Vashon Island.</p> <p>Budget Request Basis: The past award will help purchase one or more parcels at the estuary and/or in the lower reaches of Tahlequah Creek. Scope clarification to prioritize 072203-9039, 012202-9092, 072203-9158, 072203-9167, 072203-9017 as primary targets for this past award.</p>
1137279	PKS M:OPEN SPACE STEWARDSHIP PROGRAMMATIC		\$5,460,000	<p>Current Scope: Stewardship of Lands Acquired - The Open Space Preserve and Protect program is an on-going program that funds capital improvements, or pass-through funding, in order to bring newly acquired open space and natural lands into public ownership and build internal capacity to manage this growing inventory as part of the Land Conservation Initiative.</p> <p>Budget Request Basis: The amount of funding is informed by the financial modeling for the Land Conservation Initiative Advisory Group and the anticipated pace of acquisition between 2020 and 2025.</p>

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1137280	PKS M:BALLFIELD TURF REPLACE PROGRAMMATIC		\$1,410,000	<p>Current Scope: Ballfield Turf Replacement Program – This is a maintenance program to address replacement of existing aging synthetic turf athletic fields throughout the King County Parks system at the end of its useful life cycle. The scope of work includes, but is not limited to priority ballfield projects which may include one or more of the following future construction activities (when funds are requested and appropriated): replacement of synthetic turf, drainage repair, subgrade/drainage repair, minor access asphalt resurfacing and ADA accessibility improvements.</p> <p>Budget Request Basis: The planned asset improvement projects funded by this 2021-2022 appropriation include, a contribution towards planning, design and implementation to replace synthetic turf fields and minor drainage repair at Preston Practice fields, and beginning planning and design to replace synthetic turf fields at Ravensdale Field 1 & 2. Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.</p>
1137281	PKS M:BCKCNTRY TRAIL REHAB PROGRAMMATIC		\$1,123,181	<p>Current Scope: Backcountry Trail Rehabilitation - This program addresses priority rehabilitation, major repair and safety needs for King County Park's system of backcountry trails. The 2020 appropriation request will fund a program manager to conduct program planning and prioritization for the work to be done in 2021-2025.</p> <p>Budget Request Basis: This budget request will fund one position, one vehicle, the purchase and improved GPS equipment, and trail construction material to improve drainage, tread and structures. Ongoing work throughout the County will improve trail condition and signage in backcountry parks.</p>
1137294	PKS M:PUBLIC TRL PASS THRU PROGRAMMATIC		\$966,330	<p>Current Scope: Other Regional and Public Trail - This program accumulates Parks Levy funding in order to work with city partners in support of developing regional and public trails within city limits. The four projects are Interurban Trail to Burke-Gilman Connector - \$7,500,000, Kirkland Green Loop Trail - \$2,500,000, Green River Trail Missing Link - \$1,500,000, and Interurban Trail Connection – Milton - \$150,000.</p> <p>Budget Request Basis: This funding includes an \$816,330 transfer to the City of Kent for the Green River Trail Missing Link implementation. It also includes \$150,000 for the City of Kirkland to begin planning activities for the Kirkland Green Loop Trail. Other city partners are at different points in the project schedules.</p>
1137314	PKS M:POOLS CAPITAL GRANT PROGRAMMATIC		\$12,780,612	<p>Current Scope: Pools Capital Grant - The Public Pools Capital Grant Program provides funding opportunities for projects necessary to the operation and construction of new or existing aquatic centers in King County in order to preserve or increase public access.</p> <p>Budget Request Basis: Total funding for this program includes this capital project plus capital improvements to the King County Aquatic Center (capital project 1121497). The 2020 supplemental amount provided initial funding for this new grant program. Funding in the 2021-2022 biennium is allocated according to Levy Ordinance 18890.</p>

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1137315	PKS M:OPEN SPACE RIVR CORR GRN PROGRAMMATIC		\$7,396,984	<p>Current Scope: Open Space River Corridors Grant - The Open Space River Corridors Grant Program provides funding opportunities for land acquisition, capital projects, and programming as elements of flood hazard reduction.</p> <p>Budget Request Basis: The 2020 supplemental amount provided initial funding for this new grant program. Funding in the 2021-2022 biennium is allocated basing per Levy ordinance and will support projects that reduce flood risk, restore habitat and open space, and enhance critical lands adjacent to rivers.</p>
1137316	PKS M:CITY CAPTL OPEN SPC GRNT PROGRAMMATIC		\$7,537,793	<p>Current Scope: City Capital Open Space Grant - The Cities Capital and Acquisition Grant Program provides funding opportunities for King County cities, towns, and metropolitan park districts to acquire land or under take capital projects in parks or recreational facilities.</p> <p>Budget Request Basis: The 2020 supplemental amount provided initial funding for this new grant program. New 2021-2022 funding will support a broad range of land protection and outdoor recreation through grants.</p>
1137317	PKS M:COMMUNITY PARTNSHP GRNT PROGRAMMATIC		\$2,885,467	<p>Current Scope: Community Partnerships and Grants - The Community Partnerships and Grants (CPG) Program provides funding for strategic partnerships that result in the development of new regional recreation facilities. The 2020-2025 King County Parks, Recreation, Trails, and Open Space Levy allows community based organizations to plan, design, permit, and construct recreation facilities on King County land or within a King County town or city for public benefit. This appropriation will fund those grants and staff to continue management of the program. CPG is an ongoing program starting in 2003. The CPG program funded by the prior Levy is a capital project #1044595.</p> <p>Budget Request Basis: The amount requested continues the annual funding for the program, adjusted for inflation. Prior levy terms funded this program across several funding sources, the 2020-2025 levy term assumes the program is entirely capital Parks Levy dollars.</p>

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139077	PKS ELST RDMOND LIGHT RAIL EXT STANDALONE		\$5,380,000	<p>Current Scope: East Lake Sammamish Trail (ELST), Redmond Light Rail Extension - This is the extension of the ELST through the SR 520/202 Interchange into Downtown Redmond and connects with the Redmond Central Connector and Bear Creek Trails. This has also been called the ELST North Extension. Project will be constructed by Sound Transit's (ST) Downtown Redmond Link Extension Design-Build firm, SWK. Funds are transferred directly to ST via invoices. ST has taken over lead agency status and will administer the \$2.3M TAP Grant which was awarded to King County Parks for the ELST North Extension. City of Redmond will also be contributing \$40k for design of this project and will pay that money directly to Sound Transit. Trail project is approximately 1/3 mile long and includes a new bridge over Bear Creek and pedestrian underpasses of the SR520 on and off-ramps.</p> <p>Budget Request Basis: The budget for this project was determined via ST consultant prepared cost estimates and will be transferred directly to ST to complete the agreed upon work at the interchange. King County Parks reviewed and approved this estimate which formed the basis of the agreement between the parties.</p>
1139078	PKS MM TRL WATER MAINT EXT STANDALONE		\$2,270,000	<p>Current Scope: Marymoor Trail, Water Maintenance Extension - This project includes the planning, design, permitting, and construction of a connector trail between the new SE Redmond Light Rail Station and the Marymoor Connector Trail. The trail will include pedestrian scale lighting, plantings, basic trail amenities (i.e. signage, benches) and a gateway plaza. The project also includes the design and construction of a 12-inch diameter waterline extension from a new connection point at NE 67th St.</p> <p>Budget Request Basis: This request will fund the Marymoor trail redevelopment in the northeast corner of the park, and a water main extension to meet current and future needs. Project estimate was created using Master Estimate Form at planning stage. Trail Construction cost was developed as a result of negotiations with Sound Transit (ST). ST is a funding partner and will be reimbursing King County for \$750,000 of this request for this project at milestones defined in the Memorandum of Understanding between King County and Sound Transit. Proceeds from the sale of Marymoor property associated with ST Light Rail development are also intended to be used to fund this project.</p>
1139080	PKS WAYNE GOLF TRL CNNTOR IMRV STANDALONE		\$252,500	<p>Current Scope: Wayne Golf Course Trail Connector Improvements - This program will fund feasibility, design and construction of a gravel pathway through the Wayne Golf Course property, connecting the Burke Gilman Trail to Blythe Park in Bothell.</p> <p>Budget Request Basis: Funding in the upcoming biennium covers the planning, scope definition, estimating, and partial design costs for the trail. The budget for this project is based on a rough order magnitude planning level cost estimate.</p>

CAP Summary by Fund

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3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139081	PKS DERBY CULVERT STANDALONE		\$1,760,000	<p>Current Scope: Derby Culvert - Replace two fish impassable culverts and reconstruct 800 linear feet of channel in Derby Creek near the confluence of the Sammamish River. Other improvements include planting approximately 1 acre of native vegetation and constructing a gravel bar for juvenile salmon refuge at the confluence of the Derby Creek with the Sammamish River. This is a Clean Water Healthy Habitat project.</p> <p>Budget Request Basis: The budget request is for construction of two fish impassable culverts and is based on the Professional Engineer's Estimate of Probable Construction Cost at the time of advertisement.</p>
1139083	PKS MM WTR MTR CONNECTION STANDALONE		\$2,250,000	<p>Current Scope: Marymoor Water Meter Connection - Sound Transit will be designing and constructing a new watermain service into Marymoor as a part of the Downtown Redmond LINK Light Rail Station Project. The project includes approximately 450 linear feet of 12-inch watermain, a meter, and backflow preventer. The watermain connection is the result of a negotiated Betterment with Sound Transit. This project also includes the KC Staff time to review and comment on the design and the fees required by the City of Redmond for the new water service.</p> <p>Budget Request Basis: The requested appropriation funds the fixed price King County will pay to Sound Transit for the delivery of the watermain. This price and the terms on which ST and King County will act are documented in the Construction Services Agreement executed in November of 2019. The Water Connection fee to the City of Redmond is based on consultation with the City of Redmond utility staff. The staff time was estimated based on ST's deliverable schedule and coordination meetings.</p>
1139084	PKS MM STORMWATER FACILITY STANDALONE		\$2,410,000	<p>Current Scope: Marymoor Stormwater Facility - This project includes the planning, design, permitting, and construction of a stormwater treatment facility in Marymoor Park. The stormwater facility will treat a minimum of 1.9 acres of pollution generating impervious surfaces (existing paved surfaces within Marymoor).</p> <p>Budget Request Basis: Sound Transit has agreed to pay the County a fixed fee amount of \$2.1 million dollars to upgrade Marymoor Park facilities to meet current stormwater requirements as a part of their commitment to environmental stewardship and sustainability. Sound Transit will reimburse this project at four set milestones as described in a Construction Services Agreement between ST and KC. This request is to fund the project prior to the reimbursement and is based on preliminary construction costs which informed the negotiations with Sound Transit and a Master Estimate Form completed in Q2 2019. The remaining \$310,000 will be funded by King County Parks.</p>

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2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139085	PKS M:WTR ACCSS ACQ LK WASHGTN PROGRAMMATIC		\$2,374,400	Current Scope: Water access acquisition on Lake Washington - This project is to acquire properties located in proximity to the Burke-Gilman Trail for water access. With this funding, the City of Lake Forest Park will acquire nearly 2 acres of waterfront land located near the City's Town Center, Burke-Gilman Trail, and next door to Lyon Creek Waterfront Preserve. Budget Request Basis: The 2021-2022 funding will allow the City of Lake Forest Park to acquire public access waterfront property. The project satisfies one of the many 2020-2025 King County Parks Levy goals.
1139150	PKS Eastrail RENTON EXTENSION STANDALONE		\$500,000	Current Scope: Eastrail Renton Extension - This project will fill a key gap in the Eastrail corridor by acquiring property to allow the future southern extension of the trail to the entry of Gene Coulon Park. Budget Request Basis: The project seeks to purchase fee and/or easement on a 9.6-acre property owned by BNSF railroad, which has indicated that they would be interested in discussing a potential transaction. The budget request was based on a planning level estimate of the required purchase price and associated acquisition costs for the identified parcels.
1139152	PKS CALHOUN PIT STANDALONE		\$150,000	Current Scope: Calhoun Pit- This proposed acquisition will provide an opportunity for a public park and regional trailhead in the City of Covington, and secure a route for the future extension of the Soos Creek Trail. Budget Request Basis: This award will pay for an easement or fee interest on a 0.97-acre property at the intersection of SE 272nd Street at 156th Place SE. The City of Covington will own the underlying fee to the parcel.
1139153	PKS CARNATION MARSH STANDALONE		\$34,500	Current Scope: Carnation Marsh - This project will acquire an inholding within the Carnation Marsh Natural Area, a 180-acre wetland complex. Budget Request Basis: This year's award focuses on acquiring an 11.53-acre parcel in the southeast corner of the Carnation Marsh Natural Area, located about two miles southwest of the City of Carnation.
1139155	PKS UPPER PRESTON IN RAGING RV STANDALONE		\$130,500	Current Scope: Upper Preston in Raging River - This project will acquire vacant forested parcels and preserve over 700 feet of the Raging River. Budget Request Basis: This award focuses on purchasing 17 acres of forestlands between the western bank of the Raging River and Tiger Mountain State Forest.
1139158	PKS Eastrail WOODNVIL BOTTLNCK STANDALONE		\$50,000	Current Scope: Eastrail Woodinville Bottleneck - This project will expand the Eastrail right-of-way through a narrow corridor between Chateau Ste. Michelle and a farm in the Sammamish Agricultural Production District. Budget Request Basis: This award will add a 1.25 acre, 20-foot-wide strip to the existing Eastrail corridor. The proposed acquisition is on farmland protected by a King County Farmland Preservation Program deed and agreement, so there will be detailed work with the County agriculture program to ensure the acquisition conforms with farmland covenants. The budget was developed from a planning level estimate of acquisition costs based on assessed value and anticipated transaction costs.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139159	PKS HOLLYWOOD HLL FRST PASTURE STANDALONE		\$400,000	<p>Current Scope: Hollywood Hills Forest and Pasture - This project will acquire up to 24 acres (25 parcels) in the Hollywood Hills neighborhood of unincorporated rural King County.</p> <p>Budget Request Basis: The Committee recommends partial funding of \$800,000 total, consisting of \$400,000 CFT in annual dollars and \$400,000 Parks Levy dollars. The Committee recommends the County focus first on securing trail easements on the western side of the properties for a north-south trail connection. The Committee anticipates that the applicant may return with an additional request for funding in the future, but recognizes that the full project scope may exceed what is feasible to purchase with available funding sources.</p>
1139160	PKS MCGARVEY PRK OPEN SPACE STANDALONE		\$250,000	<p>Current Scope: McGarvey Park Open Space - This project will expand McGarvey Park Open Space by preserving up to 35 acres of adjacent forested land in fee or easement.</p> <p>Budget Request Basis: The focus of the application is just the forested portion of parcels that surround the footprint of a former Nike missile silo. The county may explore the silo area in the future depending on the outcome of site evaluation.</p>
1139161	PKS MID SOOS CREEK PRESERVATN STANDALONE		\$550,000	<p>Current Scope: Mid Soos Creek Preservation - This project will expand the Soos Creek Park and Trail corridor and will promote future habitat restoration projects.</p> <p>Budget Request Basis: Of the 31 acres included in the project scope, the primary focus is 13.4 acres (three parcels) under one ownership that are primarily mature forest, located on the northern portion of Soos Creek. The Committee recommends partial funding of \$1,100,000 total, consisting of \$550,000 CFT in bond dollars and \$550,000 Parks Levy dollars. The Committee anticipates that the applicant may return with an additional request for funding next year for the remaining parcels.</p>
1139162	PKS NORTH GREEN RIVER ACQ STANDALONE		\$600,000	<p>Current Scope: North Green River Acquisition - This lower Green River project will purchase land for open space protection and future habitat restoration near North Green River Park in the unincorporated urban area near the City of Kent.</p> <p>Budget Request Basis: The award will focus on purchasing two of the target parcels, totaling approximately 10 acres. The Committee recommends partial funding of \$1,200,000 total, consisting of \$600,000 CFT in bond dollars and \$600,000 PL dollars. The Committee anticipates that the applicant may return with an additional request for funding next year for the remaining parcel.</p>
1139163	PKS SWEENEY POND STANDALONE		\$60,000	<p>Current Scope: Sweeney Pond - This proposal is for initial feasibility funding toward acquiring an easement or partial fee on 80 acres of wetlands and forested land north of Maple Valley.</p> <p>Budget Request Basis: This award is start-up funds only to fund appraisals, due diligence, and associated staff time.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139164	PKS FOOTHLL TRL MCPHERSON ACQ STANDALONE		\$305,000	<p>Current Scope: Foothill Trail McPherson Acquisition - This project will acquire a final inholding in the Foothills Trail corridor and along Boise Creek near the White River. This regional trail will provide an important regional recreational amenity and connection to regional trails in Enumclaw and, in the future, across the White River in Pierce County. The proposed acquisition will remove an inholding, eliminate the need for an ongoing private trail crossing through the corridor and/or relocating access and utilities.</p> <p>Budget Request Basis: The award will focus on acquiring a 1.68-acre parcel that is surrounded by county ownership for the Foothills Trail. The proposed acquisition will remove an inholding, eliminate the need for an ongoing private trail crossing through the corridor and/or relocating access and utilities.</p>
1139165	PKS LITTLE LAKE FOREST ACQ STANDALONE		\$440,000	<p>Current Scope: Little Lake Forest Acquisition - This project will acquire a property to be used as an entryway and trailhead into the recently protected Little Lake Forest on the edge of Enumclaw.</p> <p>Budget Request Basis: The award would allow a 5.1-acre parcel adjacent to Little Lake Forest. The parcel was acquired by Forterra as a buy-and-hold purchase on behalf of the County.</p>
1139166	PKS FROG HOLLER FOREST ADD STANDALONE		\$400,000	<p>Current Scope: Frog Holler Forest Addition - This proposal continues long-time work conserving forested open space in southwestern Vashon Island near Camp Sealth and the recently established Frog Holler Forest.</p> <p>Budget Request Basis: The initial priorities in the request are easements on two southern parcels at Camp Sealth totaling 50 acres and completion of an easement on Nashi Orchard in partnership with the agriculture program (approximately 15 acres).</p>
1139167	PKS NEILL POINT NA ADD STANDALONE		\$62,500	<p>Current Scope: Neill Point Natural Area Addition - This project will target acquisitions near Neill Point Natural Area on southeastern Vashon Island.</p> <p>Budget Request Basis: The Conservation Futures Committee recommends partial funding of \$125,000, consisting of \$62,500 CFT in bond dollars and \$62,500 Parks Levy dollars. The Committee prioritizes funding for three acres adding to Neill Point Natural Area. The Committee did not recommend starting up a major new acquisition focus at Morningside Farm. The Committee encourages the County to focus on completing ongoing work on Vashon-Maury Islands (e.g. conserving Camp Sealth at Frog Holler Forest which is estimated to cost several million dollars), before starting up major new acquisition projects.</p>
1139168	PKS VASHON PRK DISTRICT SURPLS STANDALONE		\$160,000	<p>Current Scope: Vashon Park District Surplus - This project will acquire passive use natural area properties from the Vashon Park District (VPD).</p> <p>Budget Request Basis: This project will bring into County ownership approximately 106 acres, including 2,350 feet of marine shoreline, 1,230 feet of seasonal stream, and a rare bog.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Parks and Recreation, Fund: 3581 PARKS CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3581 PARKS CAPITAL - Parks and Recreation				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139169	PKS VASHON TAX TITLE PROPERTY STANDALONE		\$25,000	<p>Current Scope: Vashon Tax Title Property - This project will purchase land out of the King County Tax Title inventory (acquired by the County during the tax foreclosure process) to permanently preserve tideland parcels at many locations around the island, and undeveloped upland parcels adjacent to King County Northilla Natural Area.</p> <p>Budget Request Basis: The award will purchase 50 acres over 17 tideland parcels and two upland parcels.</p>
3581 - PARKS CAPITAL		Total	\$184,920,463	
Grand Total			\$184,920,463	

**2021-2022 Proposed Financial Plan
Parks Capital Fund/000003581**

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	54,900,000	4,649,000	59,549,000	-	-
Levy Proceeds		146,472,894	146,472,894	122,740,000	66,971,700
Real Estate Excise Tax (REET) 1	11,135,000	7,199,274	18,334,274	3,328,000	2,433,000
REET II	6,842,000	297,219	7,139,219	3,967,000	6,000,000
Grants	11,114,499	9,525,000	20,639,499		
WSDOT Contribution	8,775,505	1,473,390	10,248,895	-	-
Miscellaneous	720,996	15,303,687	16,024,683		
Total Capital Revenue	\$ 93,488,000	\$ 184,920,464	\$ 278,408,465	\$ 130,035,000	\$ 75,404,700
Capital Appropriation:					
Regional and Other Public Trails System	(56,319,000)	(93,116,106)	(149,435,106)	(41,698,800)	(23,046,500)
Regional Open Space Acquisition and Stewardship	(8,817,000)	(29,698,904)	(38,515,904)	(32,965,700)	(17,783,200)
Critical Infrastructure and Major Maintenance	(17,082,000)	(12,350,991)	(29,432,991)	(15,536,100)	(9,791,500)
Community Partnerships and Grants (CPG)	(1,190,000)	-	(1,190,000)	(3,410,200)	(1,839,600)
Grants Program	(5,416,000)	(32,952,776)	(38,368,776)	(31,024,200)	(16,943,900)
Grant Contingency	(4,455,000)	(9,525,000)	(13,980,000)	-	-
Administration	(209,000)	(7,276,687)	(7,485,687)	(5,400,000)	(6,000,000)
Total Capital Appropriation	\$ (93,488,000)	\$ (184,920,464)	\$ (278,408,464)	\$ (130,035,000)	\$ (75,404,700)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	52,760,715	52,760,715	-	60,230,293	1,665,749	26,587,544
Capital Funding Sources						
Levy Proceeds	54,411,984	78,000,000		125,257,943	136,883,300	74,043,400
Real Estate Excise Tax (REET) I	740,866	1,195,000	-	14,667,400	4,896,400	2,718,900
REET II	3,752,487	4,078,000	-	5,711,400	3,776,400	4,571,100
Grants	3,250,068	3,812,000		6,191,800	4,334,300	3,034,000
WSDOT Contribution	-			7,174,200	3,074,695	
Miscellaneous	171,156	171,156	-	8,012,300	4,807,400	3,205,000
Total Capital Revenue	\$ 62,326,561	\$ 87,256,156	\$ -	\$ 167,015,043	\$ 157,772,495	\$ 87,572,400

Levy
REET1
REET2
Grant
BR

Capital Expenditures						
Regional and Other Public Trails System	(22,712,232)	(36,651,079)	-	(119,548,000)	(50,110,000)	(26,713,400)
Regional Open Space Acquisition and Stewards	(16,049,838)	(27,861,342)	-	(30,812,300)	(28,468,200)	(17,990,300)
Critical Infrastructure and Major Maintenance	(9,488,548)	(22,053,406)	-	(23,546,200)	(14,995,800)	(9,731,000)
Community Partnerships and Grants (CPG)	(271,627)	(394,535)	-	(952,300)	(2,553,800)	(1,760,400)
Grants Program	(157,256)	(150,000)	-	(30,695,100)	(27,088,600)	(17,132,000)
Grant Contingency	-	(500,000)	-	(6,049,000)	(4,234,300)	(2,964,000)
Administration	(2,685,570)	(3,805,288)	-	(7,276,687)	(5,400,000)	(6,000,000)
Total Capital Expenditures	\$ (51,365,071)	\$ (91,415,650)	\$ -	\$ (218,879,587)	\$ (132,850,700)	\$ (82,291,100)
Other Fund Transactions						
Other General Ledger Revenue (Expenses)	11,629,071	11,629,071	-	(6,700,000)		
Ending Fund Balance	\$ 75,351,277	\$ 60,230,293	\$ -	\$ 1,665,749	\$ 26,587,544	\$ 31,868,844
Fund Balance designated to current projects*	\$ (70,021,277)	\$ (54,900,293)	\$ -	\$ (984,749)	\$ (25,906,544)	\$ (31,187,844)
Reserves						
Cash Flow Reserve	(3,000,000)	(3,000,000)	-	(681,000)	(681,000)	(681,000)
Reserved for future projects	(2,330,000)	(2,330,000)	-	-	-	-
Total Reserves	\$ (5,330,000)	\$ (5,330,000)	\$ -	\$ (681,000)	\$ (681,000)	\$ (681,000)
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ 0	\$ 0	\$ -	\$ 0	\$ 0	\$ 0

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated Ending Balance column reflects the best estimate of the inception to date budget balances and actual balances after 2019 is closed.

2021-2022 Proposed Budget is consistent with PIC for Executive Proposed Budget.

2021-2022 Total Budget sums the Estimated Ending Balance Budget and the 2021-2022 Budget.

Outyear allocations for projects not requesting budget in this cycle are included in the financial plan but not in PIC.

Revenue Notes:

Revenues shown are equal to the budgeted expenditure. Revenues include new revenue and fund balance designated to projects.

Outyear budget estimates are consistent with the August 2020 Office of Economic and Financial Analysis (OEFA) forecast for the 2020-2025 Parks Levy and Real Estate Excise Taxes. Grants are not forecast in the outyears.

Proposed reduction in REET II will be transferred to support Central Maintenance Facility (#1122161) in Fund 3160, PARKS, REC, OPEN SPACE FUND.

Washington State Department of Transportation (WSDOT) will contribute towards the Lake to Sound Segment C regional trail project. Reimbursement will start in 2021 and there will be four payments until 2023.

2019-2020 Miscellaneous revenue includes forest harvest revenue to fund Million Tree program (#1134312).

2019-2020 Proposed Revenue Backing from Fund balance is to support Central Maintenance Facility (#1122161) in fund 3160. The balance will be transferred out of the fund once the budget request is approved.

Appropriation Notes:

Outyear appropriation is estimated basing on historical budget allocation. Grants are not forecast in the outyears.

The 2021-2022 Administration appropriation includes a fund balance transfer to fund 3160 for the Central Maintenance Facility (#1122161), and is seen in the 3160 financial plan.

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month.

2019-2020 Actuals reflect 2019-2020 amounts in EBS.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and should be informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenues Notes:

WSDOT reimbursement is for Seg C's construction. The reimbursement still start in year 2021 over 4 payments until 2023.

Miscellaneous revenue includes forest harvest revenue.

Expenditure Notes:

Out-year expenditure is estimated basing on historical spending pattern and division target.

Increased 2021-2022 Regional and Other Public Trails System spending can be attributed to new Parks Levy programming and several large scale projects moving into construction.

Other fund transaction includes \$6.7M of Eastrail project's payment to WSDOT. But it is reclassified as a prepayment (asset), not an expenditure, in GL according GAAP.

Reserve Notes:

Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

Cash Reserved for future projects is proceeds from property/easement sale in Marymoor. The revenue is to fund two projects (ELST Redmond Light Rail Extension project (#1139077) and Marymoor Trail Water Maintenance Extension project (#1139078). The spending authority request is included in the proposed budget FY21-22.

Cash Flow Reserve is reduced in the 2021-2022 biennium to fund the Central Maintenance Facility capital project in Fund 3160.

Add date data pulled, from what system, and by whom: Aug 25, 2020, BI Publisher, by Myunghee Chung

Add date the financial plan was last updated and by whom: Aug 27, 2020, by Myunghee Chung

SOLID WASTE

MISSION

The Solid Waste Division brings the best people together to deliver value to our customers and stakeholders and continuously improve waste prevention, resource recovery, and waste disposal.

OVERVIEW

The Solid Waste Division (SWD) provides solid waste transfer, disposal, and recycling services at its transfer stations for residents and businesses in all of King County, except for the cities of Seattle and Milton. SWD operates facilities to collect household hazardous waste from residents. Waste collected at these facilities is then properly recycled or disposed. Solid waste from King County is buried in the County-owned Cedar Hills Regional Landfill (CHRLF), where it is monitored and responsibly managed to protect the environment and comply with all applicable regulations.

SWD uses a combination of incentives, technical assistance, and regulations to promote desirable environmental practices by customers, individuals, and businesses, in order to safeguard and enhance the County's natural resources and environment. All SWD waste prevention and recycling programs are intended to educate individuals and businesses about more sustainable practices and encourage them to reduce their waste and recycle more. SWD also provides green building assistance and training to staff throughout the county and in the suburban cities.

In addition, the division manages the Solid Waste Post-Closure Landfill Maintenance fund and provides environmental monitoring and maintenance for closed landfills the County owns or for which the County has custodial responsibility. The activities conducted in this budgetary unit include monitoring landfill gas, settlement, and leachate, and devising cost effective solutions for landfill systems as the closed and custodial landfills stabilize.

The Solid Waste Operating appropriation unit is A72000 and is in Fund 000004040. The Solid Waste Post-Closure Landfill Maintenance appropriation unit is A71500 and is in Fund 000001040.

2021-2022 Executive Proposed Operating Budget

SOLID WASTE (EN_A72000)

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	319,295,867	303,737,915	425.5	11.5
Base Budget Adjustments	(4,155,497)	6,334,787	(0.1)	(5.0)
Decision Package Adjustments	(4,108,443)	(8,101,258)	8.0	2.0
2021-2022 Executive Proposed Budget	311,031,927	301,971,444	433.4	8.5
2021-2022 Executive Proposed Ordinance	311,032,000	301,972,000	5,200.8	162.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Climate Change Mitigation Investments Invest revenue from landfill gas sales in actions that will help the division reach its 2025 goal of carbon neutrality. Planned actions include the purchase of electric vehicles, improvements to the landfill as collection system at the Cedar Hills Landfill, and the purchase of "green diesel" to fuel the division's fleet.	2,000,000	0	0.0	0.0
(DS_002) Zero Waste of Resources Plan (ZWoRP) Develop and implement a Zero Waste of Resources Plan (ZWoRP) with partner stakeholders that will help the region meet its goal of ZWoRP by 2030. The ZWoRP will analyze how to reduce and divert the estimated 70 percent of the currently landfilled solid waste that has economic value. Potential actions include funding feasibility studies and design of technology to divert food waste and paper, creating a competitive grant program to fund other diversion ideas, and helping cities implement cart tagging programs to increase curbside recycling levels.	7,000,000	0	0.0	0.0

2021-2022 Executive Proposed Operating Budget
SOLID WASTE (EN_A72000)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_003) SWD Safety Work Unit Combine the safety and emergency management programs and add dedicated staffing to those programs to address gaps in risk management and emergency response. Currently, many of the safety job functions are being performed by operations supervisors, taking them away from their duties.	675,808	0	2.0	0.0
(DS_004) SWD Asset Management Work Unit Create a Solid Waste Division Asset Management work unit, add a Supervisor FTE, and right size professional services and equipment purchase budgets to support the new team's work. The Asset Management unit will track the condition and repair/replacement cycles for various fixed transfer system, landfill and operational support facilities, while managing the Divisions Capital Asset Maintenance Program (CAMP).	2,997,678	0	1.0	0.0
(DS_006) Project Management Capital Improvement Support Add two TLT positions to support complex landfill and transfer station capital improvement projects. These capital projects will cover 80 percent of the labor costs.	94,765	0	0.0	2.0
(DS_007) Cedar Hills Landfill Facilities Relocation Add expenditures associated with the relocation of the facilities located at the Cedar Hills Landfill to a temporary location as work begins on Area 9 development. Included in the expenditures are professional services to design and permit, lease costs, and tenant improvements for the rental interim facilities. The interim facilities will function as an off-site operational hub to support the Cedar Hills Landfill activities.	5,592,700	0	0.0	0.0
(DS_008) Environmental Science Work Unit Create a new unit that will be responsible for ensuring that SWD' facilities operate in compliance with laws and regulations, supporting environmental permitting for projects, ensuring consistency and compliance with SEPA, and keeping abreast of and taking part in the development of new environmental laws and regulations. This decision package adds a supervisory position and a SEPA specialist position, while other members of the unit will be centralized from other areas in SWD.	653,851	0	2.0	0.0
(DS_009) Recycling and Cleanup Program Adjust the budget for three recycling and cleanup programs: 1) the cost of hauling and processing mixed, 2) the cost of providing recycling services for yard and food waste, appliances, and EPS/film, and 3) the King County Conservation Corp Program, which provides clean up services to unincorporated communities, while offering dignified employment to people experiencing homelessness and poverty. Previously, SWD has used funding from other programs to cover these expenditures.	1,960,000	0	0.0	0.0

2021-2022 Executive Proposed Operating Budget
SOLID WASTE (EN_A72000)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_010) Construction and Demolition (C&D) Recycling Enforcement and Enumclaw Pilot				
Replace Sheriff officer with in-house enforcement position and begin a two-year revenue backed C&D Pilot Program at the Enumclaw Transfer Station.	144,103	0	1.0	0.0
(DS_011) Real Estate Coordinator				
Add a real estate coordinator position. This position, currently an unfunded TLT, serves as single point of contact with FMD, providing for clear prioritization and consistent communication of SWD needs.	0	0	1.0	0.0
(DS_012) Add Full-Time Equity and Social Justice (ESJ) Lead				
Add a full-time division ESJ lead to plan and implement actions that advance ESJ both internally and externally.	333,618	0	1.0	0.0
(DS_120) Central Climate Change Cost Update				
Adjust the share of central climate-related costs including investments to advance the Strategic Climate Action Plan, membership fees in climate related organizations, consulting fees, and central climate staff. The allocation methodology is based on greenhouse gas emissions.	193,464	0	0.0	0.0
Administrative Service Changes				
(AC_001) Landfill Post Closure and Environmental Funds Adjustment				
Increase the contribution made for reserves in accordance with Ordinance 17677 and in compliance with the Interlocal Agency (ILA) terms and conditions with the cities in the region to cover environmental liabilities associated with the operation of the regional solid waste system.	163,732	0	0.0	0.0
(AC_002) Capital Equipment Replacement Program (CERP) Fund Transfer Reduction				
Reduce the fund transfer from the Solid Waste Operating Fund to the Capital Equipment Recovery Program Fund. The CERP Fund provides funding for the periodic replacement of existing SWD equipment. Optimally, the CERP fund balance should be between 10% and 20% of total inventory replacement value. The division is lowering the fund balance from 15% to 10% and will draw down the existing fund balance for planned purchases.	(8,252,952)	0	0.0	0.0
(AC_003) Landfill Reserve Fund Reduction				
Reduce the Landfill Reserve Fund transfer. The Solid Waste Division will use bond proceeds to pay for large near-term new area development projects, which will result in near-term savings, and more predictable costs for the future.	(15,133,472)	0	0.0	0.0
(AC_004) Debt Service Transfer Adjustment				
Adjust the debt service transfer for the 2021-2022 biennium to reflect updated assumptions for bond issuances later in 2020.	2,545,976	0	0.0	0.0

2021-2022 Executive Proposed Operating Budget
SOLID WASTE (EN_A72000)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(AC_006) Career Progression Investment Continue the Commercial Driver's License (CDL) training program and introduce a new training program to allow employees on-the-job training to qualify as Transfer Station Operators. These programs provide a pathway for employees at the bottom 20 percent of the pay scale to move into higher-paid positions.	440,000	0	0.0	0.0
(AC_008) Public Works Loans Provide budget to support existing public works loan payments in accordance with 2019 adopted Ordinances 18900 and 18901. These low-interest loan payments support the division's commitment to best run government by finding the lowest debt financing options for two capital projects: 1) 1129844 CHLF CHLF Pump Station PC18-96103-008, and 2) 1129847 NFS Rehab PC18-96103-007. The annual debt service payments began in June 2020.	197,330	0	0.0	0.0
Technical Adjustments				
(TA_001) SWD Directors Office, Operations, and Project Management Budget True-Up Increase the operations budget for service and equipment accounts, create an expenditure budget for the project management unit, and add one-time funding to cover potential risk from the Factoria compactor claim dispute.	2,930,746	0	0.0	0.0
(TA_002) Local Hazardous Waste Management Program (LHWMP) Adjustment Transfer funding for LHWMP's public communications to WLRD. LHWMP is a multi-jurisdictional program that SWD supports by operating moderate risk waste collection sites and through the Waste Mobile collection.	(374,992)	(262,845)	0.0	0.0
(TA_004) Labor Loan In / Loan Out Labor Adjustment Adjust labor loan in/loan out account based on the estimated hours each engineer, environmental scientist, capital project manager, or other dedicated staff is projected to charge work hours to other appropriation units, including capital projects and the post-closure maintenance appropriation unit (A71500).	(1,613,217)	0	0.0	0.0
(TA_010) DNRP Director's Office Overhead Allocation Adjust allocation model for the DNRP Director's Office based on division operating expenditures.	1,292,326	0	0.0	0.0
(TA_050) Revenue Adjustment Revise budgeted revenues to match the current forecast for disposal, interest and other revenues.	0	(7,838,413)	0.0	0.0
(TA_110) Net Zero Changes Revise expenditure accounts to match current spending patterns.	0	0	0.0	0.0
(TA_111) Overtime Account Adjustment Adjust overtime account to accommodate GWI, retirement, and FICA.	93,193	0	0.0	0.0

2021-2022 Executive Proposed Operating Budget
SOLID WASTE (EN_A72000)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	6,543	0	0.0	0.0
(TA_113) Vacancy Rate Adjustment Capture salary savings from employee turnover, without reducing the FTE authority, to increase the accuracy of labor budgeting for this appropriation unit and provide greater transparency.	(1,687,000)	0	0.0	0.0
(TA_114) Special Pay Account Adjustment Adjust special pay accounts to accommodate current spending patterns, GWI, retirement, and FICA.	866,480	0	0.0	0.0
Central Rate Adjustments	(7,229,122)	0	0.0	0.0
Total Decision Package Adjustments	(4,108,443)	(8,101,258)	8.0	2.0

**2021 - 2022 Proposed Financial Plan
Solid Waste Operating Fund / 000004040**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	52,353,891	31,385,448	22,324,965	29,921,816
Revenues				
State Grants	457,587	268,500	263,000	260,000
Disposal Fees	241,673,526	260,029,701	347,353,496	411,455,271
Moderate Risk Waste	8,000,000	9,581,265	9,000,000	9,000,000
Other Charge for Service Revenue	7,277,777	5,898,646	5,921,579	5,943,306
Miscellaneous Revenue	11,043,541	26,193,332	11,669,587	12,987,711
Total Revenues	268,452,431	301,971,444	374,207,662	439,646,288
Expenditures				
SWD Operating Expenditures	(199,683,277)	(228,573,875)	(242,266,822)	(276,688,676)
Landfill Reserve Fund Transfer	(32,439,140)	(24,244,052)	(26,884,581)	(29,347,993)
Debt Service - General Obligation Bonds	(27,859,197)	(36,704,500)	(66,350,532)	(83,403,719)
Cedar Hills Landfill Rent	(7,715,479)	(6,357,000)	(6,549,000)	(6,658,342)
Capital Equipment Recovery Fund (CERP)	(13,800,000)	(6,747,000)	(16,000,000)	(16,000,000)
Construction Fund Transfer	(4,000,000)	(4,000,000)	(4,000,000)	(4,000,000)
Environmental Reserve Transfer	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)
Landfill Post-Closure Maint. Fund Transfer	(2,923,780)	(3,087,512)	(3,241,888)	(3,449,368)
Host City Mitigation	-	(317,988)	(317,988)	(317,988)
Total Expenditures	(289,420,874)	(311,031,927)	(366,610,811)	(420,866,086)
Other Fund Transactions				
Total Other Fund Transactions	-	-	-	-
Ending Fund Balance	31,385,448	22,324,965	29,921,816	48,702,018
Reserves				
Recession Reserve	-	-	(5,783,793)	(11,034,393)
Rate Stabilization Reserve	(22,064,885)	(11,566,652)	(11,566,652)	(22,976,225)
Rainy Day Reserve (30 days)	(9,320,563)	(10,758,313)	(12,571,371)	(14,691,400)
Total Reserves	(31,385,448)	(22,324,965)	(29,921,816)	(48,702,018)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

Disposal revenue is based on forecast system tonnage (MSW + Yard Waste) and rates. The 2019-2020 rate was \$140.82 per ton; the projected rate for 2021 is \$140.82, for 2022 is \$160.53, for 2023-2024 is \$190.00, and for 2025-2026 is \$217.00. Actual future rate proposals will be adjusted from these projections based on updated expenditures and tonnage projections.

Other charge for service revenues include recycling revenues, landfill gas sales, and Construction and Demolition program revenue.

Miscellaneous revenues include rental income, interest earnings and sales of real property. Estimate for 2021-2022 includes a one-time \$16M revenue for the sale of the Eastgate property.

Expenditure Notes:

Based on current values and agreements. A new assessed property value is anticipated to be established after adoption of the Solid Waste Comprehensive Plan if the adopted plan includes landfilling at Cedar Hills Regional Landfill beyond 2028.

Established under ordinance 18826, to cover the cost of insurance coverage for solid waste environmental liabilities.

Per ILA Section 12.5 "a city is authorized to charge the County to mitigate impacts directly attributable to a County-owned Solid Waste facility."

Reserve Notes:

The Recession Reserve is set at 5% of annual revenues and is to be used during a recession to offset revenue loss due to lower economic activity.

The Rate Stabilization Reserve is used to mitigate future rate increases.

30-day Rainy Day Reserve is based on this amount: (Operating Expense + Rent + Debt Service) - (Grants + MRW).

Updated by Nathaniel Bennett on 9/1/2020

**2021-2022 Executive Proposed Operating Budget
SW LF POST CLOSURE MAINT (EN_A71500)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	3,881,632	3,007,500	1.0	0.0
Base Budget Adjustments	52,974	0	0.0	0.0
Decision Package Adjustments	327,506	131,206	0.0	0.0
2021-2022 Executive Proposed Budget	4,262,112	3,138,706	1.0	0.0
2021-2022 Executive Proposed Ordinance	4,263,000	3,139,000	1.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Asset Management, Permits, and Efficiencies Increase budget for permits, fees, and capital asset management projects. Reduction for efficiencies based on projections are reflected.	107,308	0	0.0	0.0
Technical Adjustments				
(TA_001) Labor Loan In Adjustment Adjust loan-in labor account based on the estimated hours each engineer, environmental scientist, or other dedicated staff is projected to charge work hours to the Landfill Post-Closure Maintenance Fund.	92,554	0	0.0	0.0
(TA_050) Revenue Adjustment Adjust miscellaneous revenue for the 2021-2022 biennium based on fund balance and interest rate earnings assumptions from the OEFA forecast in June 2020.	0	131,206	0.0	0.0
(TA_110) Net Zero Changes Revise expenditure accounts to match current spending patterns.	0	0	0.0	0.0
Central Rate Adjustments	127,644	0	0.0	0.0
Total Decision Package Adjustments	327,506	131,206	0.0	0.0

2021 - 2022 Proposed Financial Plan
LANDFILL POST-CLOSURE MAINTENANCE / 000001040

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	4,879,089	4,008,639	2,885,358	1,769,098
Revenues				
Investment Earnings	83,720	51,194	12,649	8,643
Transfer from SWD Operating 4040	2,923,780	3,087,512	3,241,888	3,449,368
Total Revenues	3,007,500	3,138,706	3,254,537	3,458,011
Expenditures				
Post-Closure Maintenance Expenditures	(3,877,950)	(4,262,113)	(4,370,797)	(4,482,252)
Total Expenditures	(3,877,950)	(4,262,113)	(4,370,797)	(4,482,252)
Estimated Underexpenditures				
Other Fund Transactions				
Total Other Fund Transactions	-	-	-	-
Ending Fund Balance	4,008,639	2,885,232	1,769,098	744,858
Reserves				
Custodial Landfill Post-Closure	(1,082,333)	(779,013)	(477,657)	(201,112)
Closed Landfill Post-Closure	(2,806,047)	(2,019,663)	(1,238,369)	(521,400)
Program Contingency	(120,259)	(86,557)	(53,073)	(22,346)
Total Reserves	(4,008,639)	(2,885,232)	(1,769,098)	(744,858)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

Outyear projections assume revenue and expenditure growth based on June 2020 Office of Economic and Financial Analysis projections.

Expenditure Notes:

Outyear projections are consistent with the Rates Plan assumptions.

Reserve Notes:

Program contingency reserves area set at 3% of ending fund balance and custodial and closed Landfill Post-Closure percentages are based on historical patterns and anticipated needs of 27% and 70% respectively.

This plan was updated by Lisa Brandt June 29, 2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3810 SW CAP EQUIP REPLACEMENT, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3810 SW CAP EQUIP REPLACEMENT - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1133925	SW CAP EQUIPMENT PROGRAMMATIC		\$7,196,456	<p>Current Scope: Solid Waste Capital Equipment - This project replaces two former Capital Equipment Recovery Program (CERP) projects, SW CERP Capital Repairs-1033485 and SW CERP Eq Replacement Purchase-1033487 which repaired or replaced equipment. This project consolidated those two projects for efficiency purposes. The purpose of the CERP program is provide adequate resources for replacement, rehabilitation, and major maintenance of solid waste rolling stock and stationary compactors. This project supports the replacement and rehabilitation of Solid Waste equipment purchased after 1981. A separate fund was created and annual contributions are made to it from the operating fund for replacement and major maintenance of heavy equipment items as scheduled in the Equipment Replacement Plan.</p> <p>Budget Request Basis: The requested budget amount is based on the SWD transfers from the operating fund based on forecasted revenues. This project assumed the combined roles of two standalone projects (1033485 and 1033487) for efficiency. Those projects will continue under their existing appropriation while this project will have appropriation going forward.</p>
3810 - SW CAP EQUIP REPLACEMENT		Total	\$7,196,456	
Grand Total			\$7,196,456	

2021-2022 Proposed Financial Plan
Capital Equipment Recovery Fund / 000003810

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	10,683,173	-	10,683,173	-	-
Transfer from Solid Waste Operating Fund 000004040 ¹	-	6,747,048	6,747,048	16,000,000	16,000,000
Sale of Surplus Equipment ²	-	449,408	449,408	521,621	521,619
Interest Revenue	-	-	-	-	-
Other Revenue	-	-	-	-	-
Total Capital Revenue	\$ 10,683,173	\$ 7,196,456	\$ 17,879,629	\$ 16,521,621	\$ 16,521,619
Capital Appropriation:					
SW CERP REHABILITATION	(1,936,523)	-	(1,936,523)	-	-
SW CERP EQUIPMENT PURCHASE	-	-	-	-	-
SW CERP CAPITAL EQUIPMENT	(8,746,650)	(7,196,456)	(15,943,106)	(16,521,621)	(16,521,619)
Other Capital Projects	-	-	-	-	-
Administrative Projects	-	-	-	-	-
Total Capital Appropriation	\$ (10,683,173)	\$ (7,196,456)	\$ (17,879,629)	\$ (16,521,621)	\$ (16,521,619)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	20,604,341	20,604,341	-	16,050,588	15,366,804	14,610,921
Capital Funding Sources						
Revenue Backing From Fund Balance	-	-	-	-	-	-
Transfer from Solid Waste Operating Fund	9,775,000	13,800,000	-	6,747,048	16,000,000	16,000,000
Sale of Surplus Equipment	50,371	150,371	-	449,408	521,622	521,620
Interest Revenue	628,515	596,819	-	104,165	80,050	98,016
Other Revenue	-	-	-	-	-	-
Total Capital Revenue	\$ 10,453,886	\$ 14,547,190	\$ -	\$ 7,300,621	\$ 16,601,672	\$ 16,619,636
Capital Expenditures						
SW CERP REHABILITATION	(297,110)	(447,110)	-	(787,950)	(835,932)	(289,818)
SW CERP EQUIPMENT PURCHASE	(9,876,152)	(9,876,152)	-	-	-	-
SW CERP CAPITAL EQUIPMENT	(3,359,563)	(8,777,681)	-	(7,196,456)	(16,521,622)	(16,521,622)
Other Capital Projects	-	-	-	-	-	-
Administrative Projects	-	-	-	-	-	-
Total Capital Expenditures	\$ (13,532,825)	\$ (19,100,943)	\$ -	\$ (7,984,406)	\$ (17,357,554)	\$ (16,811,440)

Other Fund Transactions			-	-	-		
Ending Fund Balance	\$ 17,525,402	\$ 16,050,588	\$ -	\$ 15,366,804	\$ 14,610,921	\$ 14,419,117	
Fund Balance designated to current projects*	\$ (6,827,783)	\$ (10,683,173)	\$ -	\$ (9,895,223)	\$ (9,059,290)	\$ (8,769,469)	
Reserves							
Rolling Stock Reserve	(10,697,619)	(10,697,619)		(9,916,417)	(10,161,353)	(10,418,435)	
Total Reserves	\$ (10,697,619)	\$ (10,697,619)	\$ -	\$ (9,916,417)	\$ (10,161,353)	\$ (10,418,435)	
Projected Shortfall	-	5,330,204	-	4,444,837	4,609,721	4,768,787	
Ending Undesignated Fund Balance	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ -	

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated Ending Balance column reflects the best estimate of the inception to date budget balances and actual balances after 2019 is closed.

2021-2022 Proposed Budget is consistent with PIC for Executive Proposed Budget.

2021-2022 Total Budget sums the Estimated Ending Balance Budget and the 2021-2022 Budget.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Ordinance Attachment by Fund report in PIC, with exceptions explicitly noted.

Revenue Notes:

Revenues shown are equal to the budgeted expenditure. Revenues include new revenue and fund balance designated to projects.

- 1) Includes \$1.2 million of the \$2million included in DS-001 for Climate Change Mitigation Investments. This amount will be used to invest in electric vehicles at the landfill and transfer stations.
- 2) Assumes equipment salvage value of 10% acquisition cost, on average.

Appropriation Notes:

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month.

2019-2020 Actuals reflect 2019-2020 amounts in EBS based on GL_30 for May 2020.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and should be informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenues Notes:

Includes \$1.2 million for DS-001 Climate Change Mitigation Investments.

Assumes equipment salvage value of 10% acquisition cost, on average.

Expenditure Notes:

Reserve Notes:

Rolling Stock Reserve protects the fund against unanticipated asset retirements and is set at 10% of replacement value of rolling stock beginning 2021 from 15%.

The projected shortfall was created by lower than anticipated revenues and delays in spending. SWD plans to eliminate the shortfall through disappropriations during the next three biennia.

* Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

EBS Report GL_30 pulled on June 18, 2020 by Ester Abenojar.

This plan was updated by Nathaniel Bennett on September 2, 2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3901 SOLID WASTE CONSTRUCTION, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3901 SOLID WASTE CONSTRUCTION - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1033497	SW SOUTH COUNTY RECYCLING & TS STANDALONE		\$75,899,295	<p>Current Scope: South County Recycling and Transfer Station - This project entails will siting, designing, permitting, and constructing a new, modern transfer and recycling facility to replace the Algona Transfer Station, which has been in operation since the 1960s and lacks recycling services.</p> <p>Budget Request Basis: Project schedule determined cashflow and budget needs. The Factoria Recycling and Transfer Station in Bellevue was used as the basis for construction cost estimates and schedule. Estimate at completion is approximately \$144M. The project is in the Preliminary Design phase. There are many variables, including the conditions the City of Algona may place on the project during land use permitting, incorporation of new green building requirements, (LEED Platinum or Living Building Challenge sustainability programs), and the construction bidding climate in the year 2021 or beyond.</p>
1033498	SW NORTHEAST RECYCLING & TRANSFER STATION STANDALONE		\$3,662,329	<p>Current Scope: Northeast Recycling and Transfer Station - This project entails siting, permitting, designing and constructing a new transfer and recycling facility to replace the Houghton Transfer Station in Kirkland, which has been in service the mid-1960s. The 2006 Solid Waste and Waste Export System Plan, approved by King County Council in 2007, identified the need to replace the existing Houghton Transfer Station. The new recycling and transfer station is proposed to be located in the northeast part of King County, the areas of in or around the cities of Sammamish, Kirkland, Redmond and Woodinville. A site area between 10 and 20 acres is desirable for the station. The new station will include an enclosed solid waste transfer and processing area; solid waste compactor units; a recycling collection and sorting area; employee facility; scale house and weigh station; fueling station; space for on-site customer queuing; and a possible moderate risk waste (MRW) facility. In June 2020, the Solid Waste Division will launch a siting process involving the cities of Redmond, Kirkland, Woodinville and Sammamish, and engaging the public and stakeholders in the initial phase of the project. After design and construction, the new station is scheduled for operation in 2027.</p> <p>Budget Request Basis: Budget Assumptions: 1) Project Delivery based on "Public Works Bidding" aka Design-Bid-Build; 2) Site-specific Project Delivery and Financing Study Report commences upon issuance of the Final EIS; 3) Design vendor procurement commences upon transmittal of Site Specific Project Delivery and Financing Study Report to Executive & Council (assumes no revisions or action by Council); 4) Assumes no appeal of the Final Environmental Impact Statement; 5) Assumes a station design similar to the Factoria Recycling and Transfer Station, scaled for projected waste tonnage; and 6) Assumes no delays or difficulties in site property purchase. The recently completed Factoria Recycling and Transfer station project and the current 30% design for South County Recycling & Transfer Station were used as bases for cost estimates and schedule. These were adjusted for inflation and aligned with this project's schedule to determine cashflow and budget needs. The 2021-2022 request is for planning and preliminary design phases.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3901 SOLID WASTE CONSTRUCTION, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3901 SOLID WASTE CONSTRUCTION - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1033506	SW BOW LAKE RECYCLING & TS STANDALONE	✓	(\$4,584,070)	<p>Current Scope: Bow Lake Recycling and Transfer Station - The project will construct a new Recycling and Transfer Station. Project elements include: acquisition of approximately 10 acres of property; deconstruction of all existing on-site facilities; construction of a (70,000 sq. ft.) transfer building with two stationary solid waste compactors, transfer station operations offices / employee facilities, and processing/recycling area to accommodate collection, baling and storage of recyclable materials; a yard waste drop-off area as well as a fee recycling area; new multiple scale facility; a refueling station for site and transfer vehicles; transfer trailer maneuvering and parking yard; and a storm water management system with underground detention and water quality treatment vault. Waste transfer operations will continue throughout the construction period.</p> <p>Budget Request Basis: This project is complete. The budget request would disappropriate the balance of the project's budget.</p>
1033507	SW CONSTR CIP OVERSIGHT ADMIN		\$29,920	<p>Current Scope: Auditor Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.</p> <p>Budget Request Basis: Budget appropriation supports cost of Capital Project Oversight work of Capital Projects by King County Auditor</p>
1129850	SW HARBOR ISLAND DOCK DEMO STANDALONE		\$4,977,296	<p>Current Scope: Harbor Island Dock Demolition - The purpose of this project is to demolish and remove the remaining components of a derelict, creosote-treated timber dock located along the western shoreline of Harbor Island, at the mouth of the Duwamish River and leave the site in a stable condition. The dock, which is approximately 72,700 square feet in size, has experienced a continuous state of decline while under the previous ownership of Fisher Mills and Pendleton Flour Mills during the 1990's and early 2000's. The project area includes aquatic land leased to King County by the Washington State Department of Natural Resources, Lease No. 22-002757, and King-County-owned land immediately upland, located on parcel 7666703020. In 2003, the KCSWD purchased the upland mill site, which included the derelict dock structure; the conveyance of the property deeded to KCSWD included the assignment of WA-DNR aquatic lease No. 22-002757, originally issue to Fisher Mills in 1992. The re-assignment of the WA-DNR aquatic lease transferred the terms, conditions, and obligations of the original lease to KCSWD. Completion of the project would meet the obligations of the WA-DNR aquatic lease. WA-DNR has indicated that the aquatic lease for the property may not be renewed if the obligations of the lease are not met. If the lease is not renewed, KCSWD would lose marine access, a key reason for acquisition of the property.</p> <p>Budget Request Basis: This budget request is based on the 30% construction cost estimate provided by the design consultant on 02/25/2020 and is anticipated to fund the project through the implementation and closeout phases.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3901 SOLID WASTE CONSTRUCTION, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3901 SOLID WASTE CONSTRUCTION - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1138568	SW TS MAJOR ASSET REHAB STANDALONE		\$918,742	<p>Current Scope: Transfer Station Major Asset Maintenance - This project provides assessment of major assets at the transfer station and provides for major overhaul or replacement to maintain consistent and efficient operations throughout the transfer system. Assessments will consider equity in services throughout the system, energy efficiency and carbon footprint and compliance with environmental and workplace requirements.</p> <p>Budget Request Basis: The initial requested appropriation will support the assessment, design of projects that will be needed to implement subprojects as a result of these assessments, and previously scoped small transfer station improvements. Projected spending includes fully burdened staff time, implementation materials and labor and project costs. Additional budget authority will be needed in future biennia to sign consultant and contractor contracts and move the subprojects forward.</p>
1138569	SW BOW LAKE S PROCESSING AREA STANDALONE		\$2,829,402	<p>Current Scope: Bow Lake RTS South Processing Area— The project involves the purchase and installation of one new Shredder, two stationary compactors, and construction of covers/awnings with lighting in South Processing Areas.</p> <p>Budget Request Basis: The \$2.8 million requested appropriation will support the final design, implementation, equipment acquisition and close-out phases of this project. Projected spending includes fully burdened staff time, permitting cost, consultant cost, equipment cost, construction cost and project contingency.</p>
1138570	SW SHORELINE RTS DUST CONTROL STANDALONE		\$2,658,487	<p>Current Scope: Shoreline Recycling and Transfer Station Dust Control Improvement – The project involves installation of a new Mezzanine Wall, re-ducting of the existing Dust Control fan equipment, upgrade of the now degraded misting system, and installation of a new bird screen at the ceiling of Shoreline Recycling and Transfer Station.</p> <p>Budget Request Basis: The \$2.6 million requested appropriation will support the final design, implementation and close-out phases of the project. Projected spending includes fully burdened staff time, permitting costs, consultant costs, construction management and project contingency.</p>
1138571	SW DIVISION CAMERA SYS UPGRADE STANDALONE		\$599,702	<p>Current Scope: Solid Waste Division Camera System Upgrade - This project includes the purchase and installation of security cameras at the facilities that do not have them. The cameras at existing stations will be upgraded to digital cameras. New Digital Video Recorders (DVRs) will be installed to maintain the video recordings. New software will be installed to facilitate the playback of recordings as needed and maintain proper security of all recordings</p> <p>Budget Request Basis: The budget request is based on a consultant's review of the Division's current hardware and software configuration and the system's future needs.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3901 SOLID WASTE CONSTRUCTION, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3901 SOLID WASTE CONSTRUCTION - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1138573	SW SCADA IMPROVEMENTS 3901 STANDALONE		\$224,462	<p>Current Scope: Supervisory Control and Data Acquisition (SCADA) Improvements 3901 –This project entails upgrading the existing SCADA hardware and software. Some of the hardware is over 16 years old and is out of date. The software associated with the hardware is unsupported. The outdated hardware is installed at various stations, closed landfills and Cedar Hills Regional Landfill. These changes will include software updates and program changes including but not limited to automating various systems where possible, including updating sensor hardware.</p> <p>Budget Request Basis: SWD's consultant provided a report detailing hardware that could possibly fail over the next few years. Part of this report was to provide a budget to replace the hardware and the cost to make program changes. The budget request includes cost for the hardware, programming and hardware installation.</p>
1138574	SW BOW LAKE HILL STABILIZATION STANDALONE		\$421,611	<p>Current Scope: Bow Lake Hill Stabilization - The scope of work is to investigate slope erosion problem, design a system to collect slope runoff and direct the water runoff to a designated location (as per design) and fill in eroded area located on the east slope under the stormwater pipe system that is servicing the Bow Lake Recycling & Transfer Station.</p> <p>Budget Request Basis: The requested appropriation will support investigation (planning), all phases of design, construction (implementation), and close-out phases of this project. Projected spending includes KC staff time, consultant efforts in investigation, proposal and design, construction materials and equipment, and project contingency. The budget requested is necessary in order to cover total project costs through the anticipated completion date in 2022; budget authority is needed in order to sign vendor contracts and move forward with implementation.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3901 SOLID WASTE CONSTRUCTION, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3901 SOLID WASTE CONSTRUCTION - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1138579	SW CLOSED LANDFILL PROGRAM STANDALONE		\$10,735,736	<p>Current Scope: SW Closed Landfill Program - The Solid Waste Division (SWD) maintains the responsibility for nine closed landfills located throughout King County - seven of these landfills remain in custodial care with regular monitoring. Landfills undergo routine monitoring of groundwater, surface water, wastewater, and landfill gas as needed. They are closed to the public, except at select landfills where some public activities are compatible with the ongoing maintenance activities. These are site specific projects at closed landfills that will investigate and implement landfill control system improvements to meet regulatory requirements under WAC 173-304 and King County Board of Health Title 10; minimize custodial operations and maintenance requirements; and in some cases develop properties for secondary uses. These projects include planning, design and construction for the identified improvements. The underlying projects consist of the following: 1116833 SW Cedar Fall Env Cntrl Sys Mod; 1116838 SW Enumclaw Env Cntrl Sys Mod; 1116840 SW Vashon Env Control Sys Mod; 1124104 SW Hobart LF Cover & Gas Cntrl; 1129849 SW Duvall Env Cntrls; 1129851 SW PC Puy/Kit Cnr Env Ctrl Sys; 1129852 SW PC Houghton Env Ctrl Sys; and 1137091 SWD Closed Landfill Cover Biof.</p> <p>Budget Request Basis: Each individual project will address improvements to the environmental control systems at each closed landfill in order to meet regulatory requirements. The activities include improvements for landfill gas control and treatment system, as well as groundwater networks to demonstrate a reduced risk for potential regulatory noncompliance and that the landfill conditions are aligning with the King County strategic goal to end the post closure phase. The budget request is based on prior work done at some of the sites, notably Cedar Falls and Enumclaw landfills. The underlying projects have carryforward appropriations that will also be utilized.</p>
3901 - SOLID WASTE CONSTRUCTION		Total	\$98,372,912	
Grand Total			\$98,372,912	

2021-2022 Proposed Financial Plan
SOLID WASTE CONSTRUCTION FUND / 000003901

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	1,621,753		1,621,753	-	-
New Bond Proceeds	103,568,646	94,372,912	197,941,558	52,695,541	59,284,737
Transfer from Solid Waste Opt. Fund 4040	-	4,000,000	4,000,000	4,000,000	4,000,000
Surplus Property Sale	-	-	-	-	-
Other Revenue	-	-	-	-	-
Total Capital Revenue	\$ 105,190,399	\$ 98,372,912	\$ 203,563,311	\$ 56,695,541	\$ 63,284,737
Capital Appropriation:					
SW Bow Lake Recycling and TS	-	4,584,070	4,584,070	-	-
SW Factoria Recycling and TS	(1,339,032)	-	(1,339,032)	-	-
SW Northeast Recycling & TS	(38,257,906)	(3,662,329)	(41,920,235)	(9,105,340)	(49,908,979)
SW South County Recycling & TS	(23,306,686)	(75,899,294)	(99,205,980)	(19,333,681)	(351,749)
SW Facilities Relocation	(25,461,292)	-	(25,461,292)	(8,296,336)	(1,041,273)
Other Transfer Station Projects	(9,558,740)	(12,659,623)	(22,218,363)	(4,267,032)	(1,718,648)
Closed Landfill Projects	(7,266,743)	(10,735,736)	(18,002,479)	(15,693,152)	(10,264,088)
Total Capital Appropriation	\$ (105,190,399)	\$ (98,372,912)	\$ (203,563,311)	\$ (56,695,541)	\$ (63,284,737)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	20,682,156	20,682,156	-	1,621,753	1,184,042	2,193,220
Capital Funding Sources						
Bond Proceeds	-	-	-	164,378,390	67,695,541	59,284,737
Transfer From Solid Waste Opt. Fund 4040 or						
Surplus Property Sale	2,833,338	4,000,000	-	4,000,000	4,000,000	4,000,000
Interest & Other Revenue	570,995	570,995	-	9,438	9,178	15,133
Total Capital Revenue	\$ 3,404,333	\$ 4,570,995	\$ -	\$ 168,387,828	\$ 71,704,719	\$ 63,299,870
Capital Expenditures						
SW Bow Lake Recycling and TS	-	-	-	-	-	-
SW Factoria Recycling and TS	(369,380)	(1,180,000)	-	(669,498)	-	-
SW Northeast Recycling & TS ¹	(543,329)	(2,880,059)	-	(41,576,136)	(9,105,340)	(49,908,979)
SW South County Recycling & TS ²	(3,094,435)	(14,974,841)	-	(84,535,099)	(33,333,681)	(351,749)

SW Facilities Relocation	(295,652)	(125,038)	-	(14,970,048)	(8,296,336)	(1,041,273)
Other Transfer Station Projects	(645,924)	(900,252)	-	(11,843,736)	(4,267,033)	(1,718,646)
Closed Landfill Projects	(2,886,054)	(3,571,208)	-	(15,231,023)	(15,693,151)	(10,264,088)
Total Capital Expenditures	\$ (7,834,774)	\$ (23,631,398)	\$ -	\$ (168,825,540)	\$ (70,695,541)	\$ (63,284,735)
Other Fund Transactions		-	-	-		
Ending Fund Balance	\$ 16,251,715	\$ 1,621,753	\$ -	\$ 1,184,042	\$ 2,193,220	\$ 2,208,355
Fund Balance designated to current projects*	\$ (16,251,715)	\$ (1,621,753)	\$ -	\$ (1,184,042)	\$ (2,193,220)	\$ (2,208,355)
Reserves						
Grant Contingency						
Cash Flow						
Total Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated Ending Balance column reflects the best estimate of the inception to date budget balances and actual balances after 2019 is closed.

2021-2022 Proposed Budget is consistent with PIC for Executive Proposed Budget.

2021-2022 Total Budget sums the Estimated Ending Balance Budget and the 2021-2022 Budget.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Ordinance Attachment by Fund report in PIC, with exceptions explicitly noted.

Revenue Notes:

Revenues shown are equal to the budgeted expenditure. Revenues include new revenue and fund balance designated to projects.

Appropriation Notes:

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month as of May 2020.

2019-2020 Actuals reflect 2019-2020 amounts in EBS using EBS report GL_30.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and should be informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenues Notes:

Expenditure Notes:

- 1) 2021-2022 expenditures include funds for acquisition of a site for a new transfer station.
- 2) 2020-2022 expenditure increase is due to project entering implementation and signing construction contracts.

Reserve Notes:

* Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

EBS Report GL_30 pulled on June 18, 2020.

This plan was updated by Ester Abenojar on June 25, 2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3910 LANDFILL RESERVE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3910 LANDFILL RESERVE - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1033548	SW LFR CIP OVERSIGHT ADMIN		\$23,000	<p>Current Scope: Landfill Reserve Capital Improvement Program Oversight - This project appropriates funds to cover the cost of CIP oversight services provided to the SWD's Landfill Reserve Fund projects by the King County Auditor's Office.</p> <p>Budget Request Basis: Budget appropriation supports cost of Capital Project Oversight work of Capital Projects by King County Auditor</p>
1115992	SOLID WASTE AREA 8 DEVELOPMENT/FA CILITY RELOCATION STANDALONE		\$1,200,000	<p>Current Scope: Southwest Area 8 Development/Facility Relocation - This project is developing a new landfill area at Cedar Hills Regional Landfill (CHRLF). This effort is consistent with the Project Program Plan (PPP) for development of alternatives at CHRLF approved by the King County Council in December 2010. The approved PPP summarized the five alternatives considered and recommended Alternative 2. Alternative 2 was projected to extend landfill life 5 to 6 years based on the tonnage forecast at that time. This project includes relocation of storm water management facilities and contaminated storm water management facilities, and design and construction of the new landfill areas. This project was phased over a seven year period (2012-2018); there are three (3) stages: stage 1 - South Solid Waste Area (SSWA) Excavation, stage 2 - Stormwater and Contaminated Stormwater pond relocation, and stage 3 - construction of the Area 8 Refuse Facility. The schedule proposed in the PPP expected to occur between 2014 and 2018. During the project planning, the schedule was revised to focus construction activities between years 2015 and 2021.</p> <p>Budget Request Basis: An alternatives analysis was completed for the refuse facility and selected an alternative the meets all of the division's criteria, based on the 2010 Site Development EIS. The budget was based on engineering quantity estimates of major items and application of appropriate contingency factors for estimates made at the planning information level. The cell was open to accept refuse in summer 2019, but there was a claim with the Contractor. Additional appropriation is needed in the 2021-22 biennium to finish other construction work that was not completed in 2019, due to this claim. An additional \$1.2 million dollars was requested in 2020.</p>
1124105	SW CEDAR HILLS LANDFILL GAS PIPELINE UPGRADE STANDALONE	✓	(\$383,680)	<p>Current Scope: CH Landfill Gas Pipeline Upgrade - Build a new pipeline on native soil to add redundancy to the landfill gas (LFG) conveyance pipeline from the North Flare Station (NFS) to the BioEnergy Washington (BEW) facility and build a new Booster Blower System (BBS), providing a holistic solution to collect landfill gas. This includes design and construction of a 9,500 foot length pipeline, tie-in with NFS & BEW, and new BBS.</p> <p>Budget Request Basis: This project is complete. The budget request would disappropriate the balance of the project's budget.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3910 LANDFILL RESERVE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3910 LANDFILL RESERVE - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1133921	SW CHRLF LEACHATE LAGOONS STANDALONE		\$19,400,001	<p>Current Scope: Cedar Hills Regional Landfill Leachate and Lagoons Improvement Project - The project's primary objective is to implement a treatment system that will reduce arsenic and other metals in the discharged leachate to below the regulatory limits. The second objective is to reconstruct the lagoon by adding a second liner, replace aerators, and install new electrical panels to modernize the landfills leachate lagoons.</p> <p>Budget Request Basis: Budget was based on the costs for similar construction at the site. Lagoon costs were based on contaminated stormwater lagoon costs, the cost for treatment of arsenic and chromium, and upgrades to electrical components were based on a consultant prepared estimate for similar work.</p>
1133923	SW CHRLF AREA 9 NAD STANDALONE		\$11,965,632	<p>Current Scope: Cedar Hills Regional Landfill Area 9 New Area Development - The King County Solid Waste Division (divison) is exploring ways to extend the useful life of the Cedar Hills Regional Landfill by developing more disposal capacity at the site. The July 2010 impact statement for the Cedar Hills Regional Landfill considered five action alternatives for extending the life of Cedar Hills. One of those (Alternative 5) included development of new disposal capacity in the southeast section of the landfill by developing Area 9. Development of Area 9 would require excavation of approximately two million cubic yards of soil, construction of a retaining wall and bottom liner system. The Area 9 Development project will add 10.4 million cubic yards of disposal capacity to Cedar Hills.</p> <p>Budget Request Basis: The budget is based on prior projects that developed earlier sections of the landfill. The project is substantially similar to those previous landfill development projects. The budget is based on engineering quantity estimates of major items and application of appropriate contingency factors for estimates made at the planning information level.</p>
1133924	SW CHRLF NFS ELECTRICAL STANDALONE		\$834,000	<p>Current Scope: Cedar Hills Regional Landfill North Flare Station Electrical - North Flare Station (NFS) Motor Control Center (MCC) will upgrade the existing control panels at the NFS to make them safer. The new MCC will be in an enclosed building that will power and control the existing blowers and flares. The new building will be built outside the gas classification footprint and bring it up to current code. The existing electrical meter will also be moved out of the above mentioned classified area into a non-explosive gas classified area.</p> <p>Budget Request Basis: A Solid Waste Division consultant created an engineering estimate for the construction of a new motor control center. The estimate provided to SWD is the amount requested for the biennial budget. The design for the control center was covered under an earlier appropriation. The requested amount will support the RFP process for selecting a contractor and the construction of the motor control center.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Solid Waste, Fund: 3910 LANDFILL RESERVE, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3910 LANDFILL RESERVE - Solid Waste				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1138567	SW CH MAJOR ASSET REHAB STANDALONE		\$1,053,667	<p>Current Scope: Cedar Hills Major Asset Maintenance - This project provides assessment of major assets at the Cedar Hills Regional Landfill and provides for major overhaul or replacement to maintain consistent and efficient operations of the environmental control and operating systems. Assessments will consider energy efficiency and carbon footprint and compliance with environmental and workplace requirements.</p> <p>Budget Request Basis: The initial \$1 million requested appropriation will support the assessment and design of projects that will be needed to implement subprojects as a result of these assessments. Projected spending includes fully burdened staff time, implementation materials and labor and project costs. Additional budget authority will be needed in future biennia to sign consultant and contractor contracts and move the subprojects forward.</p>
1138575	SW IMPDMTS & CONVY SYS COMPLI STANDALONE		\$1,051,630	<p>Current Scope: Impoundments and Conveyance Compliance - This project provides assessment and improvements to leachate conveyance systems at the Cedar Hills Regional Landfill, Vashon Landfill and transfer stations to support compliance with WAC 173-350 for leak detection.</p> <p>Budget Request Basis: The initial \$1 million requested appropriation will support the assessment and design of projects that will be needed to implement impoundments and conveyance systems as a result of these assessments. Projected spending includes fully burdened staff time, implementation materials and labor and project costs. Additional budget authority will be needed in future biennia to sign consultant and contractor contracts and move the subprojects forward.</p>
3910 - LANDFILL RESERVE		Total	\$35,144,250	
Grand Total			\$35,144,250	

2021-2022 Proposed Financial Plan
LANDFILL RESERVE FUND / 000003910

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	48,806,205	(83,680)	48,722,525	-	-
Bond Proceeds		33,470,930	33,470,930	71,709,182	17,500,845
Transfer From Solid Waste Opt. Fund 4040	11,437,709	1,757,000	13,194,709	16,139,694	19,303,883
Interest Revenue	-	-	-	-	-
Other Revenue ¹	6,818,932	-	6,818,932	-	-
Total Capital Revenue	\$ 67,062,846	\$ 35,144,250	\$ 102,207,096	\$ 87,848,876	\$ 36,804,728
Capital Appropriation:					
SW A8 DEV/FACILITY RELOCATION	(2,516,016)	(1,200,000)	(3,716,016)	-	-
SW CH AREA 7 CLOSURE	(18,475,636)	-	(18,475,636)	-	-
SW CH AREA 8 CLOSURE	(8,301,630)	-	(8,301,630)	(14,221,318)	(12,378,081)
SW CH AREA 9 DEVELOPMENT	(9,516,943)	(11,965,632)	(21,482,575)	(45,787,716)	(15,071,669)
Other Capital Projects	(28,252,621)	(21,978,618)	(50,231,239)	(27,839,842)	(9,354,978)
Administrative Projects	-	-	-	-	-
Total Capital Appropriation	\$ (67,062,846)	\$ (35,144,250)	\$ (102,207,096)	\$ (87,848,876)	\$ (36,804,728)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	30,424,707	30,424,707	-	51,121,521	41,866,001	41,127,248
Capital Funding Sources						
Bond Proceeds	-	-	-	33,470,930	60,000,000	22,000,000
Transfer From Solid Waste Opt. Fund 4040 ¹	20,617,204	31,553,679	-	24,244,052	26,884,581	29,347,993
Interest Revenue	1,076,725	1,076,725	-	312,777	225,542	316,702
Other Revenue ²	1,256,816	1,256,816	-	-	-	-
Total Capital Revenue	\$ 22,950,745	\$ 33,887,220	\$ -	\$ 58,027,759	\$ 87,110,123	\$ 51,664,695
Capital Expenditures						
SW A8 DEV/FACILITY RELOCATION	(4,287,656)	(5,168,025)	-	(2,571,910)	-	-
SW CH AREA 7 CLOSURE	(1,209,711)	(1,735,778)	-	(18,477,530)	-	-
SW CH AREA 8 CLOSURE	(3,971)	(11,159)	-	(7,388,746)	(14,221,318)	(12,378,081)
SW CH AREA 9 DEVELOPMENT		(588,000)	-	(16,568,315)	(45,787,716)	(20,071,669)
Other Capital Projects	(2,837,100)	(5,687,445)	-	(22,276,778)	(27,839,842)	(9,354,978)
Total Capital Expenditures	\$ (8,338,438)	\$ (13,190,406)	\$ -	\$ (67,283,279)	\$ (87,848,876)	\$ (41,804,728)
Other Fund Transactions						
		-	-	-		
Ending Fund Balance	\$ 45,037,014	\$ 51,121,521	\$ -	\$ 41,866,001	\$ 41,127,248	\$ 50,987,215
Fund Balance designated to current projects*	\$ (42,721,698)	\$ (48,806,205)	\$ -	\$ (34,923,817)	\$ (34,923,817)	\$ (29,923,817)
Reserves						
Post Closure Care ¹	(2,315,316)	(2,315,316)	-	(6,942,184)	(6,203,431)	(21,063,398)
Cash Flow						
Total Reserves	\$ (2,315,316)	\$ (2,315,316)	\$ -	\$ (6,942,184)	\$ (6,203,431)	\$ (21,063,398)
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated Ending Balance column reflects the best estimate of the inception to date budget balances and actual balances after 2019 is closed.

2021-2022 Proposed Budget is consistent with PIC for Executive Proposed Budget.

2021-2022 Total Budget sums the Estimated Ending Balance Budget and the 2021-2022 Budget.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Ordinance Attachment by Fund report in PIC, with exceptions explicitly noted.

Revenue Notes: 1) Other revenues include Public Works Loans

Revenues shown are equal to the budgeted expenditure. Revenues include new revenue and fund balance designated to projects.

Appropriation Notes:

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month as of May 2020.

2019-2020 Actuals reflect 2019-2020 amounts in EBS using EBS report GL_30.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and should be informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenues Notes: 1) Solid Waste contribution based on \$14.07/ton for 2021 (\$11,783,287) and \$14.42/ton for 2022 (\$12,460,765); 2) Other revenue includes Public Works Loans

Expenditure Notes:

Reserve Notes: 1) Fund balance in this fund is reserved towards post-closure obligations at the Cedar Hills Regional Landfill

* Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

EBS Report GL_30 pulled on June 18, 2020.

This plan was updated by Ester Abenojar on July 2, 2020.

WASTEWATER TREATMENT DIVISION

MISSION

The Wastewater Treatment Division protects public health and enhances the environment by collecting and treating wastewater while recycling valuable resources for the Puget Sound region.

OVERVIEW

The Wastewater Treatment Division (WTD) is committed to protecting and improving water quality by providing wastewater collection and treatment for local sewer agencies, which the division has been doing for over 50 years. WTD serves about 1.8 million people within a 424-square-mile area, including most of King County and parts of south Snohomish County and northeast Pierce County.

WTD's regional system includes three large wastewater treatment plants (West Point in Seattle, South Plant in Renton, and Brightwater near Woodinville), two smaller wastewater treatment plants (Vashon Island and Carnation), a community septic system, combined sewer overflow treatment facilities, regulator stations, pump stations, and over 391 miles of sewer pipelines.

WTD employs almost 700 people who plan, design, build, and operate treatment facilities. WTD employees also enforce regulations to reduce harmful waste from entering the system and educate the public and businesses on ways to protect water quality. To WTD, success means clean water. It means keeping a promise to another generation that this beautiful environment will be there for them to enjoy. It also means being accountable to WTD's ratepayers and operating a well-managed agency.

The WTD Operating appropriation unit is A46100 and is in Fund 000004611. The WTD Debt Service appropriation unit is A46300 and is in Fund 000008920.

2021-2022 Executive Proposed Operating Budget WASTEWATER TREATMENT (EN_A46100)

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	342,181,419	1,048,963,389	653.7	7.0
Base Budget Adjustments	(946,037)	7,894,031	0.3	(6.0)
Decision Package Adjustments	4,441,560	62,408,130	3.0	0.0
2021-2022 Executive Proposed Budget	345,676,942	1,119,265,550	657.0	1.0
2021-2022 Executive Proposed Ordinance	345,677,000	1,119,266,000	657.0	5.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_002) Energy Wastewater Entry Engineer				
Convert a TLT energy wastewater entry engineer to an FTE in order to meet County energy goals at WTD facilities. The WTD Energy Program is tasked with identifying and implementing energy efficiency improvements to reduce the energy demand produced through operation of the wastewater treatment process.	0	0	1.0	0.0
(DS_003) Sustainability Specialist				
Convert a TLT sustainability specialist position to an FTE. This position will ensure that WTD meets the King County Green Building Ordinance requirements and the Strategic Climate Action Plan (SCAP) green building requirements, which apply to all capital projects.	0	0	1.0	0.0
(DS_004) Loan and Grant Accounting and Compliance Position				
Add a Business and Finance Officer position to support accounting and compliance functions related to Water Infrastructure Finance and Innovation Act (WIFIA) loans, FEMA grants, tax exemption programs, insurance claims, and debt refinancing.	0	0	1.0	0.0

2021-2022 Executive Proposed Operating Budget
WASTEWATER TREATMENT (EN_A46100)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_005) Water and Land Resources Division Transfer Increase				
Increase the transfer to the Water and Land Resources Division (WLRD) for environmental lab and other services to reflect the inflationary projected increase.	0	0	0.0	0.0
(DS_006) Sediment Management Program Position				
Convert a TLT sediment management program position to an FTE to provide specialized technical expertise on sediment cleanup and project management to ensure compliance with signed orders for multi-party superfund cleanups. This work was being conducted by WLRD but the work has grown to include WTD responsibilities.	0	0	1.0	0.0
(DS_007) Education and Outreach Reallocation				
Reallocate staffing from Waterworks Grant Program to Education and Outreach to reflect current staffing levels	0	0	0.3	0.0
(DS_008) Waterworks Grant Programs Incremental Increase				
Add an incremental increase to the Waterworks Grant Program based on 1.5% of WTD 2021 Operating Budget and transferring 0.34 FTE to Education and Outreach.	0	0	(0.3)	0.0
(DS_009) Environmental Health Service Additions				
Add appropriation for an intra-governmental agreement with Public Health's Environmental Health Division for two new services. This package funds on-call services in response to sewage releases (overflows) and a service to respond to complaints of septic system problems in the WTD service area.	0	0	0.0	0.0
(DS_120) Central Climate Change Cost Update				
Adjust the share of central climate-related costs including investments to advance the Strategic Climate Action Plan, membership fees in climate related organizations, consulting fees, and central climate staff. The allocation methodology is based on greenhouse gas emissions.	0	0	0.0	0.0
Administrative Service Changes				
(AC_018) Special Projects Manager Transfer				
Transfer a special projects manager position to the Department of Local Services (DLS) to support the utilities technical review committee. Related to AC_018 decision packages in DLS.	(3,138)	0	(1.0)	0.0
Technical Adjustments				
(TA_001) Wastewater Treatment Division-wide Net-Zero Adjustments				
Adjust various accounts in all WTD's sections that result in a zero change in the 2021-2022 budget.	0	0	0.0	0.0
(TA_002) CIP Overhead Adjustment				
Adjust budget contra to match actual central service costs being allocated to wastewater's capital program.	2,055,233	0	0.0	0.0

**2021-2022 Executive Proposed Operating Budget
WASTEWATER TREATMENT (EN_A46100)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_050) Revenue Adjustment Revise budgeted revenues to match the current forecast.	0	62,408,130	0.0	0.0
(TA_111) Overtime Account Adjustment Adjust overtime account to accommodate GWI, retirement, and FICA.	34,173	0	0.0	0.0
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	11,556	0	0.0	0.0
(TA_113) Vacancy Rate Adjustment Capture salary savings from employee turnover, without reducing the FTE authority, to increase the accuracy of labor budgeting for this appropriation unit and provide greater transparency.	(564,000)	0	0.0	0.0
Central Rate Adjustments	2,907,737	0	0.0	0.0
Total Decision Package Adjustments	4,441,560	62,408,130	3.0	0.0

2021-2022 Proposed Financial Plan
WTD Consolidated / 000004611, 8920, 3611, 3612

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	\$ 475,518,062	646,432,291	465,573,252	434,287,998
Revenues				
Sewage Disposal Fees	833,155,246	880,188,912	980,556,332	1,092,308,588
Capacity Charge	194,448,000	194,886,000	208,271,000	228,120,000
Other Operating Revenues	37,504,941	38,523,976	35,853,860	38,037,360
Investment Income	17,671,375	5,666,662	4,402,845	6,273,389
Bond Proceeds (net)	361,555,102	368,122,546	351,019,910	424,950,580
Insurance Recoveries	86,233,194	1,000,000	1,000,000	1,000,000
State Revolving Fund/Public Works Loans, Other	66,128,916	17,317,279	27,761,441	30,606,062
WIFIA Loan Proceeds	-	-	82,088,000	73,803,312
Total Revenues	1,596,696,774	1,505,705,376	1,690,953,388	1,895,099,291
Expenditures				
Salaries & Benefits	(107,550,095)	(116,088,685)	(143,720,088)	(158,457,966)
Supplies	(42,668,585)	(44,933,670)	(50,815,490)	(56,026,401)
Services	(81,688,389)	(89,228,158)	(95,577,632)	(105,378,709)
Intragovernmental & other	(86,410,104)	(90,215,358)	(98,708,896)	(108,831,070)
Waterworks Grant	(4,840,828)	(5,184,071)	(5,921,148)	(6,528,337)
Operating Expenditures	(323,158,000)	(345,649,942)	(394,743,255)	(435,222,482)
Capital Construction Fund 3611	(431,956,020)	(568,501,886)	(672,762,048)	(720,525,300)
Debt Service	(670,668,525)	(772,412,587)	(654,733,339)	(703,654,235)
Total Expenditures	(1,425,782,545)	(1,686,564,415)	(1,722,238,642)	(1,859,402,017)
Estimated Underexpenditures	-	-	-	-
Other Fund Transactions				
Total Other Fund Transactions	-	-	-	-
Ending Fund Balance	646,432,291	465,573,252	434,287,998	469,985,272
Reserves				
Rate Stabilization Reserve ¹	(46,250,000)	(46,250,000)	(46,250,000)	(76,250,000)
Operating Liquidity Reserve ²	(16,888,600)	(17,390,143)	(20,312,660)	(22,183,496)
Emergency Capital Reserve 3611 ³	(15,000,000)	(15,000,000)	(15,000,000)	(15,000,000)
Construction Cash Balance Reserve 3611	(5,000,000)	(5,000,000)	(5,000,000)	(5,000,000)
Lower Duwamish Reserve	(77,004,194)	-	-	-
Parity Bond Reserve	(138,808,733)	(136,047,758)	(163,812,553)	(195,942,294)
State Revolving Fund Loan Reserve	(13,666,100)	(12,898,821)	(12,137,380)	(8,531,317)
Total Reserves	(312,617,627)	(232,586,722)	(262,512,592)	(322,907,107)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	333,814,663	232,986,530	171,775,406	147,078,166

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated reflects the best estimate for the biennium.

2021-2022 Proposed Budget ties to Hyperion

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB and/or OEFA.

Revenues Notes:

Sewage disposal fees, capacity charge revenues and other operating revenues after 2022 reflects financial plan adopted by County Council in Ordinance 19710 on 5/26/20.

2021-2022 Other Operating Revenues include \$4.75M of RIN revenue

Expenditure Notes:

2019-2020 Biennium based on 2019 actuals and estimate for 2020.

Reserve Notes:

¹As established by Ordinance 12314, Section 13.D. Allows WTD to include withdrawals from the fund as Revenues under its Bond Ordinance.

Balance is available to reduce projected rate increases in the future

²10% of operating expenses as authorized by Motion 13798 on 12/11/12.

³Emergency Capital Reserve authorized by Motion 13798 on 12/11/12. To be used for unanticipated system repairs or equipment replacement in the event of a natural disaster or some unforeseen system failure.

2021-2022 Proposed Financial Plan
Water Quality Operating Fund / 000004611

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	\$ 135,934,375	136,770,775	137,946,797	141,630,755
Revenues				
Sewage Disposal Fees	833,155,246	880,188,912	980,556,332	1,092,308,588
Capacity Charge	194,448,000	194,886,000	208,271,000	228,120,000
Other Operating Revenues	37,504,941	38,523,976	35,853,860	38,037,360
Investment Income	17,671,375	5,666,662	4,402,845	6,273,389
Total Revenues	1,082,779,561	1,119,265,550	1,229,084,037	1,364,739,336
Expenditures				
Salaries & Benefits	(107,550,095)	(116,088,685)	(143,720,088)	(158,457,966)
Supplies	(42,668,585)	(44,933,670)	(50,815,490)	(56,026,401)
Services	(81,688,389)	(89,228,158)	(95,577,632)	(105,378,709)
Intragovernmental & other	(86,410,104)	(90,242,358)	(98,708,896)	(108,831,070)
Waterworks Grant	(4,840,828)	(5,184,071)	(5,921,148)	(6,528,337)
Total Expenditures	(323,158,000)	(345,676,942)	(394,743,255)	(435,222,482)
Estimated Underexpenditures	-			
Other Fund Transactions				
Transfers to Capital (3611 & 3612)	(88,116,636)	-	(258,011,485)	(264,189,032)
Transfers to Debt Service (8920)	(505,672,525)	(522,728,998)	(572,645,339)	(629,850,923)
Transfers for Debt Defeasance (8920)	(164,996,000)	(249,683,588)	-	-
Total Other Fund Transactions	(758,785,161)	(772,412,587)	(830,656,824)	(894,039,956)
Ending Fund Balance	136,770,775	137,946,797	141,630,755	177,107,654
Reserves				
Rate Stabilization Reserve	(46,250,000)	(46,250,000)	(46,250,000)	(76,250,000)
Operating Liquidity Reserve	(16,888,600)	(17,390,143)	(20,312,660)	(22,183,496)
Total Reserves	(63,138,600)	(63,640,143)	(66,562,660)	(98,433,496)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	73,632,175	74,306,654	75,068,095	78,674,158

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated reflects the best estimate for the biennium.

2019-2020 Estimated includes requests approved in the 1st, 2nd, and 3rd omnibus appropriation bills

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB and/or OEFA.

Revenues Notes:

2021-2022 Other Operating Revenues include \$4.75M of Renewable Identification Number sales revenue.

Sewage disposal fees, capacity charge revenues and other operating revenues after 2022 reflect financial plan adopted by County Council in Ordinance 19710 on 5/26/20.

Expenditure Notes:

2019-2020 Biennium based on 2019-2020 actuals through May 2020 and estimate for the remainder of 2020.

Outyear expenditure projections include estimates for operating costs of new facilities.

Reserve Notes:

As established by Ordinance 12314, Section 13.D. Allows WTD to include withdrawals from the fund as Revenues under its Bond Ordinance. Balance is available to reduce projected rate increases in the future.

10% of operating expenses as authorized by Motion 13798 on 12/11/12.

**2021-2022 Executive Proposed Operating Budget
WASTEWATER DEBT SERVICE (EN_A46300)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	701,608,266	0	0.0	0.0
Base Budget Adjustments	(162,178,268)	0	0.0	0.0
Decision Package Adjustments	232,982,588	0	0.0	0.0
2021-2022 Executive Proposed Budget	772,412,586	0	0.0	0.0
2021-2022 Executive Proposed Ordinance	772,413,000	0	0.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Technical Adjustments				
(TA_001) Debt Service Adjustment Adjust the debt service requirement for parity debt and subordinate debt based on assumptions that support the 2021-2022 sewer rate.	(16,701,000)	0	0.0	0.0
(TA_002) Debt Defeasance Adjustment Adjust the debt defeasance based on assumptions that support the 2021-2022 sewer rate.	249,683,588	0	0.0	0.0
Total Decision Package Adjustments	232,982,588	0	0.0	0.0

2021-2022 Proposed Financial Plan
Water Quality Revenue Bond Fund 8920 / 000008920, 000008921, 000008922

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	\$ 213,447,946	213,447,946	213,447,946	213,447,946
Revenues				
Water Infrastructure Finance and Innovation Act (WIFIA) Loan Proceeds ¹	-	-	82,088,000	73,803,312
Total Revenues	-	-	82,088,000	73,803,312
Expenditures				
Debt Service	(505,672,525)	(522,728,998)	(572,645,339)	(629,850,923)
Debt Defeasance	(164,996,000)	(249,683,588)	-	-
Retirement of Interim Debt for WIFIA Projects	-	-	(82,088,000)	(73,803,312)
Total Expenditures	(670,668,525)	(772,412,587)	(654,733,339)	(703,654,235)
Estimated Underexpenditures	-			
Other Fund Transactions				
Transfers from Operating (4611) for Debt Service	505,672,525	522,728,998	572,645,339	629,850,923
Transfers from Operating (4611) / Defeasance Appropriations	164,996,000	249,683,588	-	-
Total Other Fund Transactions	670,668,525	772,412,587	572,645,339	629,850,923
Ending Fund Balance	213,447,946	213,447,946	213,447,946	213,447,946
Reserves				
Parity Bond Reserve	(138,808,733)	(136,047,758)	(163,812,553)	(195,942,294)
State Revolving Fund Loan Reserve	(13,666,100)	(12,898,821)	(12,137,380)	(8,531,317)
Total Reserves	(152,474,833)	(148,946,579)	(175,949,932)	(204,473,611)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	60,973,113	64,501,368	37,498,014	8,974,335

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated reflects the best estimate for the biennium.

2019-2020 Estimated includes requests approved in the 1st and 2nd Omnibuses, and pending request in the 3rd Omnibus

2021-2022 Proposed Budget ties to Hyperion

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB and/or OEFA.

Revenues/Expenditures Notes:

Retirement of Georgetown interim debt in 2023 and Ship Canal interim debt in 2026

Reserve Notes:

Parity Bond Reserve requirement prescribed under Ordinance 18587. Requires a reserve equal to maximum annual debt service on outstanding parity bonds.

Reserves required by loan agreements with the Dept. of Ecology. See Ordinance 18020 for SRF loans approved in 2015. Reserve is equal to the annual debt payment on each loan and must be maintained through the final maturity date of the loan.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1037498	WTC STRUCTURE SITE IMPROVEMENT PROGRAMMATIC		\$8,084,743	<p>Current Scope: Structure Site Improvement - The Structures and Site Improvements Program includes projects that are focused on implementing modifications, improvements, or upgrades to the structures, buildings, and property owned by the Wastewater Treatment Division (WTD) necessary to meet operational needs. Other improvements may be required to bring the structures up to current code, increase safety, or minimize vandalism. The Roll-Up Project funds a number of subprojects that vary in value but are typically less than \$2,500,000 total project cost. The number of subprojects fluctuates as projects are completed and new subprojects are added through the New Project Request process. As a result, subprojects contained within this Roll-Up Project are in various phases from planning, design and through construction. In addition, the Roll-Up project is sometimes used to initiate upgrade or replacement projects throughout the year that may later develop into stand alone projects with their own project numbers.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects in all phases of project delivery. The total request is based on a combination of current existing subprojects, pending expected subprojects, and an analysis of historical program spending. The requested budget will fund structural and safety improvements to WTD buildings for operational needs including walkway and access replacements and gate refurbishments.</p>
1037513	WTC BIOSOLIDS TRANSP STANDALONE		\$0	<p>Current Scope: Biosolids Transportation - This program is necessary to ensure biosolids equipment is consistently available. The dump trucks and associated equipment are used to haul biosolids, grit, screenings and liquids from the treatment plants to the appropriate sites. During the useful life of the equipment, major rehabilitation or replacement may be required.</p> <p>Budget Request Basis: The appropriation request is based on analysis of project spending and budget carryover amount.</p>
1037549	WTC CAPITAL PROJECT OVERSIGHT STANDALONE		\$410,945	<p>Current Scope: Auditor Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.</p> <p>Budget Request Basis: Budget appropriation supports cost of Capital Project Oversight work of Capital Projects by King County Auditor</p>
1037765	WTC WATER QUALITY CAP OUTLAY STANDALONE		\$0	<p>Current Scope: Water Quality Capital Outlay - This project funds the replacement or purchase of capital equipment or rolling stock for the plant, operations, and engineering staff, which has not been budgeted in a capital project and is a discrete purchase wherein the scope is not conducive to a minor asset management (MAM) project.</p> <p>Budget Request Basis: Annual budgets are based on planned capital outlays and replacement cost estimates.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1037767	WTC BIOSOLIDS SITE DEVELOPMENT STANDALONE		\$878,989	<p>Current Scope: Biosolids Site Development - Work under this project provides planning, engineering, and geographic information systems services in support of the WTD biosolids forestry application program. It also provides funds for improvements to forestry sites to allow biosolids application; namely, the construction and reconstruction of trails/roads used by the application equipment.</p> <p>Budget Request Basis: This is an ongoing project without typical phases. Multiple phases are concurrent and ongoing. The requested budget will be used to fund ongoing planning, engineering, and GIS services and the construction of improvements to various biosolids forestry sites. Improvements include features like trails and roads that will be used for access by biosolids application equipment.</p>
1037768	WTC AGRICULTURAL EQUIPMENT STANDALONE		\$0	<p>Current Scope: Agricultural Equipment - This project funds the purchase, refurbishment and/or replacement of machinery and equipment used in biosolids land application operations on farmland for soil conditioning and fertilization purposes. Project operations occur year-round, 365 days a year. Primary equipment used for land application of biosolids includes tractors, manure spreaders, wheeled front loaders, water tankers, road grader, service trucks, dump trucks, UTV soil sampler, and a subsoiler. Since 1992, the Wastewater Treatment Division (WTD) has had a successful contractual working public-private partnership with Boulder Park, Inc. and over 100 cooperative landowners and farmers making 90,000 acres of dryland grain crops available to WTD for biosolids land application. The schedule reflects project activity that is comprised of numerous refurbishments and replacements, each of which may be in a different phase.</p> <p>Budget Request Basis: This appropriation request is based on an analysis of project spending and budget carryforward.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1037789	WTC CONVEYANCE SYS IMPROVEMENT PROGRAMMATIC		\$7,007,472	<p>Current Scope: Conveyance System Improvement - Conveyance system improvement planning is driven by the Regional Wastewater Service Plan's (RWSP) adopted conveyance standard of being able to convey the 20-year peak flow. For purposes of constructing facilities to meet future demand, the design standard used for planning new conveyance facilities is to accommodate the 20-year peak flow as projected in 2060. The year 2060 is based on 50 year planning horizon. A 50 year planning horizon is considered as a reasonable timeframe for modeling future wastewater flows. The 1037789 project budget is a roll-up of sub-projects covering everything from staff labor to future capital projects and other expenses incurred to perform conveyance planning for the region. The Conveyance System Improvement (CSI) project provides an opportunity for the County and local agencies to jointly address common conveyance issues, leverage available resources, and minimize customer disruption. The County values and encourages local sewer agency involvement as planning in the wastewater service area moves forward. Project schedule dates reflect the activities of multiple sub-projects.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects. The requested budget will fund activities to inform and conduct comprehensive planning activities to meet RWSP requirements for the separated sewer system. These include the collection and analysis of flow data, GIS mapping and analysis, planning studies, and the problem definition for future CSI capital projects. The next CSI program update is anticipated to be completed by 2017. This funding supports the necessary data gathering and analyses that must be completed as part of a multi-year effort that will inform the next CSI update.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1037808	WTC LOCAL SYST I AND I CONTROL STANDALONE		\$1,564,917	<p>Current Scope: Local System Infiltration and Inflow (I/I) Control - The scope of this project is to implement the Regional Infiltration and Inflow (I/I) Control Program. The Program is being reviewed and re-evaluated based on the results and lessons learned from the initial I/I control projects completed through project 1037518 as well as subsequent local agency input. The approach to the review and re-evaluation was developed by WTD and the local agencies that collect and deliver wastewater to the regional conveyance system. The scope is to evaluate concepts for I/I reduction programs that comprehensively reduce I/I through the separate sewer portion of the regional wastewater system and to inform the region on future steps for the program. Phase 1 of the work evaluated a range of concepts and resulted in the recommendation to focus on the three concepts of 1) common regional sewer standards, 2) sewer inspector training and certification program and 3) private side sewer inspection program with financial assistance. These three concepts will be further described and evaluated in Phase 2 which is currently underway. Based on outcomes of this work, implementation planning and/or implementation of one or more of these concepts is assumed in 2021-2022 as follows: * Regional sewer standards are expected to be implemented by the local agencies with some additional coordination by WTD. * Sewer inspector training and certification program is expected to be further developed and then implemented in 2022 as an ongoing WTD administered program to ensure local agency inspectors are trained to industry standards. * Private side sewer inspection program is the most complex of the three programs and is expected to require further development in coordination with the local agencies.</p> <p>Budget Request Basis: The appropriation request is based on projected costs of the remaining work in phase 2 which will define the three program concepts 1) common regional sewer standards, 2) sewer inspector training and certification program and 3) private side sewer inspection program.</p>
1038098	WTC CSO CONTROL AND IMPRV PROGRAMMATIC		\$5,670,767	<p>Current Scope: Combined Sewer Overflow Control and Improvement - The scope of the master project contains several subprojects as a mechanism to track the capital projects in the combined sewer overflow (CSO) Long-Term Control Plan (LTCP) being implemented through 2030. When projects are ready for implementation, the budget is transferred to the Project Management Unit (PMU) under a new project number. The project reflects the King County Council approved 2012 CSO LTCP and includes the modeling and technical support needed for the future capital projects. A new technology is being pilot tested to potentially improve performance of treating combined sewer flows under this master project in 2018 through 2020.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects. The requested budget will fund planning activities for future CSO projects that include developing and updating models of the combined sewer system, developing CSO-related GIS data, and performing conveyance inspection and flow monitoring that will support CSO projects.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1038099	WTC MITIGATION SITE MAINT MON STANDALONE		\$3,847,228	<p>Current Scope: Mitigation Site Maintenance and Monitoring - Major capital projects in the Wastewater Treatment Division sometimes impact critical areas (e.g. streams, wetlands, steep slopes and their buffers) leading to permit conditions that require long-term monitoring and maintenance of mitigation sites. The Mitigation and Monitoring Program (Program) ensures performance standards outlined in permits are met. For each mitigation site the following activities would be performed: 1. Develop task orders describing maintenance work that needs to be performed at each site. 2. Conduct maintenance, site inspections, and monitoring for all sites as required by permit. 3. Prepare and submit monitoring reports to regulatory agencies. 4. Develop and implement contingency action plans if mitigation measures fail to meet performance standards. 5. Coordinate with permitting agencies for approval of monitoring reports and contingency measures. 6. If necessary, implement contingency measures through a work order contract. 7. Negotiate and coordinate with permitting agencies for final approval and close-out of sites 8. Perform landscape maintenance on Green Stormwater Infrastructure sites. The Mitigation Site Maintenance and Monitoring Program is ongoing. Each year there is a potential for additional mitigation sites to be added if a Wastewater Treatment Division project will occur within critical areas or their buffers.</p> <p>Budget Request Basis: This is an ongoing project without typical phases. The requested budget will fund the permit-required maintenance and monitoring of mitigation sites developed by recently completed WTD capital projects.</p>
1038122	WTC SUNSET HEATH PS FM UPGRADE STANDALONE		\$5,754,458	<p>Current Scope: Sunset/Heathfield Pump Station Replacement & Forcemain Upgrade - The Sunset/Heathfield Pump Station Replacement and Forcemain Upgrade Project will increase the pumping capacity of the Sunset and Heathfield pump stations to 30 million gallons per day (mgd) by replacing pump station equipment and installing new force mains.</p> <p>Budget Request Basis: This project is anticipated to complete construction and closeout during the upcoming biennium. The additional requested appropriation is needed for cost increases due to issues that were encountered during construction. The main drivers of the increase include unforeseen utility conflicts, differing site conditions encountered during the installation of the new force main and issues with equipment that was not contract compliant. The resolution of these issues has also significantly increased the staff labor required on the project.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1038273	WTC ODOR CORROSION PROGRAMMATIC		\$3,773,905	<p>Current Scope: Odor Corrosion - The Odor/Corrosion Control Program includes asset management projects that correct, mitigate, prevent or rehabilitate the effects of hydrogen sulfide or other corrosion damage; overhaul or replace failed odor/corrosion control equipment that has reached the end of its useful life; improve safety, reliability, efficiency or increase redundancy related to odor/corrosion control systems; and code required upgrades for odor/corrosion control equipment. This "Roll-Up Project" funds a number of odor/corrosion control sub-projects that vary in dollar value, but are typically less than \$2,500,000. The number of sub-projects fluctuates from one year to the next as projects are completed and new sub-projects are added through project work request process. As a result, sub-projects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate odor/corrosion control sub-projects throughout the year that develop into stand alone projects with their own unique project number.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects in all phases of project delivery. The total request is based on a combination of current existing subprojects, pending expected subprojects, and an analysis of historical program spending. The requested budget will fund subprojects to correct or mitigate odor and corrosion damage including corrosion reduction and cathodic protection, and odor control unit replacements.</p>
1038295	WTC BIOSOLIDS EQUIPMENT STANDALONE		\$595,800	<p>Current Scope: Biosolids Equipment - The Biosolids Forestry Equipment project provides funding for the refurbishment and purchase of equipment for biosolids application in forestry environments. Forestry equipment needs regular parts replacement from regular use in rugged settings. Properly maintained equipment provides for predictable, safe, and efficient operations.</p> <p>Budget Request Basis: This is an ongoing project without typical phases. During the biennium, the requested budget will be used to fund the purchase and major refurbishment of forestry biosolids application equipment such as applicators and excavators.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1038335	WTC ELECTRICAL I AND C PROGRAMMATIC		\$14,761,717	<p>Current Scope: Electrical and Instrumentation and Control - The Electrical and Instrumentation and Control (I&C) Program includes asset management projects that enhance the treatment process, overhaul or replacing failed electrical and I&C equipment or electrical I&C equipment that has reached the end of its useful life, improve safety, reliability, efficiency or increase redundancy of the electrical I&C systems and code required upgrades for electrical I&C equipment. This "Rollup Project" funds a number of electrical and I&C subprojects that vary in dollar value, but are typically less than \$2,500,000. The number of subprojects fluctuates as projects are completed and new subprojects are added through the project work request process. As a result, subprojects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate electrical I&C subprojects throughout the year that develop into stand alone projects with their own unique project number. Project schedule dates reflect activities of multiple subprojects.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects in all phases of project delivery. The total request is based on a combination of current existing subprojects, pending expected subprojects, and an analysis of historical program spending. The requested budget will fund electrical system improvements to increase efficiency and safety including switchgear panel replacements, standby generator replacements, and compliance with electrical code revisions, including a system-wide arc flash hazard assessment.</p>
1038448	WTC MAGNOLIA CSO STANDALONE		\$5,000,000	<p>Current Scope: Magnolia Combined Sewer Overflow (CSO) - Design and construct of an approximately 1.5 million gallon CSO storage tank in the vicinity of Terminal 91 in Seattle, and a conveyance pipeline to connect the existing interceptor in 32nd Avenue West to the storage tank. The scope will include odor control and mechanical, electrical, and control systems to enable the system to function when required.</p> <p>Budget Request Basis: This project will be in closeout during the upcoming biennium. The requested budget will be used for purchase of a permanent easement, project closeout activities, and the cost of continued legal services related to the Magnolia CSO project.</p>
1048049	WTC WTD CIP CONTINGENCY FUND STANDALONE		\$12,489,570	<p>Current Scope: CIP Contingency Fund - This project will provide contingent budget authority to be used according to the requirements established in ordinance 14122, Section 6F and hereby added as a new section to K.C.C. chapter 4.04. and revised in ordinance 17929 (November 2014).</p> <p>Budget Request Basis: The appropriation request is based on actual and remaining year anticipated contingency transfer needs to maintain the \$20 million balance as allowed by King County code.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1048079	WTC ROOF REPL WTD FACILITIES PROGRAMMATIC		\$5,841,886	<p>Current Scope: Roof Replacement WTD Facilities - The Roof Replacement program focuses on implementing improvements or upgrading/replacing roofs of buildings owned by the Wastewater Treatment Division (WTD). Roof replacements improve safety and reliability of WTD buildings, as well as extending their useful life and improving energy efficiency performance. This project is a Program made up of numerous individual subprojects See individual subprojects for specific details and information regarding scope, schedule and budget.</p> <p>Budget Request Basis: This is an ongoing program that will fund multiple subprojects in all phases of project delivery. The total request is based on preliminary forecasts for the planned roof replacements. The requested budget will fund the planning, design, and implementation of roofing replacements at WTD facilities to extend the useful life of these facilities.</p>
1113189	WTC PROCESS REPLACEMENT IMPROV PROGRAMMATIC		\$6,637,135	<p>Current Scope: Process Replacement /Improvement - The Process Replacement /Improvement projects in this asset management project are designed to enhance or improve the treatment process by adding redundancy, improving safety, improving operating efficiency, or enhancing maintenance practices. This "Roll-Up Project" funds a number of process replacement and improvement sub-projects that vary in dollar value, but are typically less than \$2,500,000. The number of sub-projects fluctuates as projects are completed and new sub-projects are added through the engineering work request process. As a result, sub-projects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate process replacement and improvement sub-projects throughout the year that develop into stand alone projects with their own unique project number. Project schedule dates reflect activities of multiple sub-projects.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects in all phases of project delivery. The total request is based on a combination of current existing subprojects, pending expected subprojects, and an analysis of historical program spending. The requested budget will fund treatment process improvements to increase process efficiency and safety including flow meter replacements, dechlorination system modifications, and plant optimization evaluations.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1113196	WTC MECHANICAL UPGRADE AND REP PROGRAMMATIC		\$12,009,288	<p>Current Scope: Mechanical Upgrade and Replacement - The Mechanical Upgrade and Replacement Program includes asset management project that replace or upgrade mechanical systems at wastewater facilities that have served their useful life such as pumping systems, hydraulic systems, and heating and ventilation systems; improve efficiency, provide safety for operators and upgrades to meet current codes. This "Roll-Up Project" funds a number of mechanical upgrade and replacement subprojects that vary in dollar value, but are typically less than \$2,500,000. The number of subprojects fluctuates as projects are completed and new subprojects are added through the New Project Request process. As a result, subprojects contained within this project number are in various phases from planning, design, and to construction. In addition, this Roll-Up project is used to initiate mechanical upgrade and replacement subprojects throughout the year that may later develop into stand alone projects with their own project number. Project schedule dates reflect activities of multiple subprojects.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects in all phases of project delivery. The total request is based on a combination of current existing subprojects, pending expected subprojects, and an analysis of historical program spending. The requested budget will fund mechanical upgrades to replace systems that have reached the end of life and improve safety including HVAC replacements and system assessments.</p>
1113247	WTC PIPELINE REPLACEMENT PROGRAMMATIC		\$0	<p>Current Scope: Pipeline Replacement - The Pipeline Replacement Program projects are primarily treatment process support systems. This piping conveys fluids such as potable and non-potable water, sludge, gases, chemicals, and air. These are projects that enhance the treatment process, overhaul, rehabilitate, or replace failed piping systems and equipment that has reached the end of its useful life, improve safety, reliability, efficiency or increase redundancy of the piping systems and code required upgrades. This "Rollup Project" funds a number of pipeline replacement subprojects that vary in dollar value, but are typically less than \$2,500,000. The number of subprojects fluctuates as projects are completed and new subprojects are added through the project work request process. As a result, subprojects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate pipeline replacement sub-projects throughout the year that develop into stand alone projects with their own unique project number. Project schedule dates reflect activities of multiple subprojects.</p> <p>Budget Request Basis: The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1113334	WTC COMP PLANNING REPORTING PROGRAMMATIC		\$13,998,786	<p>Current Scope: Comprehensive Planning Reporting - This programmatic project funds and staffs the Wastewater Treatment Division's (WTD) comprehensive planning functions. The planning functions are on-going planning and reporting for combined sewer overflow control, monitoring, and updates of the Regional Wastewater Services Plan (RWSP). This project also supports WTD strategic planning for climate change, treatment, and supports policy development and planning level coordination for WTD. The program supports coordination efforts with Seattle Public Utilities (SPU) including short and long term planning and regulatory coordination. Any new initiatives or capital planning efforts are under this project.</p> <p>Budget Request Basis: This is an ongoing program that funds multiple subprojects. The requested budget will fund subprojects that will work on several ongoing capital project planning activities including the Combined Sewer Overflow (CSO) Long Term Control Plan Update, CSO compliance monitoring and reporting, Regional Wastewater Services Plan (RWSP) information updates, Climate Change Studies as outlined in the Strategic Climate Action Plan, CSO consent decree reporting, and a study that responds to a budget proviso on wastewater effluent discharge impacts on Southern Resident Killer Whales. The project also supports planning and coordination efforts with Seattle Public Utilities (SPU).</p>
1113351	WTC LAB ASSET MGMT PROGRAM STANDALONE		\$1,220,278	<p>Current Scope: Lab Asset Management Program - This project includes the refurbishment or replacement of the capital asset testing and sampling equipment (CAMP) of the Environmental Laboratory.</p> <p>Budget Request Basis: This is an ongoing project without typical phases. The requested budget will fund the annual purchases of replacement sampling equipment, analytical instrumentation, and some building systems at the King County Environmental Laboratory that have reached their end of life; or new capital equipment/instrumentation required to support new compliance/regulatory requirements, and environmental monitoring programs.</p>
1114382	WTC NORTH CREEK INTERCEPTOR STANDALONE		\$1,012,704	<p>Current Scope: North Creek Interceptor - This project increases the capacity of part of the North Creek Interceptor Sewer serving southwestern Snohomish County. The project involves replacement of 10,000 LF of existing gravity pipe with larger gravity pipes, 36 to 48 inches in diameter. Both trenchless (open face shield tunneling and pipe ramming) and open trench construction methods were used.</p> <p>Budget Request Basis: Additional appropriation will cover project closeout and litigation costs.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1114383	WTC RECLAIMED WATER PLANNING & INFRASTRUCTURE STANDALONE		\$3,587,254	<p>Current Scope: Reclaimed Water Planning and Infrastructure - The project includes customer development and support for existing reclaimed water facilities including planning, negotiating agreements, obtaining initial permits, customer connections, feasibilities studies, and engineering planning for reclaimed water use from South Plant, Carnation, and Brightwater.</p> <p>Budget Request Basis: This is an ongoing project without typical phases. The requested budget will fund ongoing planning and support for the reclaimed water program and the implementation of customer hook ups, metering improvements, and fill station improvements. The funds cover engineering and consultant work and purchasing equipment. These funds also cover continued recycled water testing and data analysis necessary for ensuring permit requirements for irrigation.</p>
1116800	WTC N MERCER ENATAI INT PAR STANDALONE		\$5,175,864	<p>Current Scope: North Mercer Island & Enatai Interceptors Upgrade - This project will increase the reliability and capacity of the existing North Mercer Island Interceptor and Enatai Interceptor components of the regional wastewater system in order to convey the 20-year peak wastewater flows projected through the year 2060 from service areas in North Mercer Island, the southwest portion of Bellevue, and the Town of Beaux Arts Village. Project construction will include approximately 17,210 linear feet of new sewer pipeline and related features starting at King County's North Mercer Pump Station in Mercer Island and proceeding through an upland alignment on a portion of Mercer Island mostly following the I-90 greenway trail/park. The pipeline will then enter Lake Washington and run approximately 1,400 linear feet under the lakebed from north Mercer Island, across the East Channel of Lake Washington, to Enatai Beach Park in Bellevue. From Enatai Beach Park, a new sewer pipeline will be installed using horizontal directional drilling technology under the Enatai hillside to King County's Swayolocken Pump Station adjacent to Mercer Slough. The Project will also rehabilitate the existing Enatai Interceptor pipeline that is located in Lake Washington, from Enatai Beach Park, through Mercer Slough, to the Swayolocken Pump Station. The North Mercer Pump Station will be upgraded in order to support the new pipeline, and the City of Mercer Island's Lift Station 11 and some Mercer Island-owned local sewer lines will be modified in order to continue to convey flows from Mercer Island's sewer system.</p> <p>Budget Request Basis: The requested appropriation will be used to fund project construction, which is anticipated to start in 2021. The Estimate at Completion has increased since the last budget request during the 2019 2nd Omnibus budget. The additional requested budget is driven by a design change to address pump reliability issues, which has resulted in a slight increase to the construction estimate and additional staff labor and consultant costs.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1116801	WTC LK HILLS&NW LK SAM INTCPT STANDALONE		\$2,314,595	<p>Current Scope: Lake Hills and NW Lake Sammamish Interceptor Upgrade - This project will increase the capacity of the Lake Hills Trunk and NW Lake Sammamish Interceptor sewers to convey 20-year storm peak flow capacity through 2060. The condition of the existing pipe will determine which portions are replaced, refurbished, or paralleled. The project is located in the City of Redmond and unincorporated King County. The sewer includes 4.5 miles of gravity pipe and two siphon sections. Per Wastewater Treatment Division (WTD) management direction, as a Washington State Department Fish and Wildlife (WDFW) permit requirement, a fish-passable culvert will be designed and constructed at Country Creek in Redmond.</p> <p>Budget Request Basis: This project will be finishing Final Design and beginning construction during the upcoming biennium, and the appropriation is necessary to award a construction contract.</p>
1123517	WTC E FLEET MAINT FAC REPLCMNT STANDALONE		\$9,845,542	<p>Current Scope: East County WTD Fleet Repair & Maintenance Facility Replacement - This project entails acquiring property, obtaining permits, and constructing a new biosolids truck parking, maintenance, and repair facility. The site will accommodate a vehicle maintenance building, vehicle parking, vehicle electrification, materials storage, and landscaping.</p> <p>Budget Request Basis: This project will be in construction during the upcoming biennium. The Estimate at Completion has increased since the last budget request. The major drivers of the increase include an increase in the construction estimate based on market conditions, and increases in staff labor and consultant design costs to address permit-driven design changes.</p>
1123624	WTC COAL CRK SIPHON TRUNK PARA STANDALONE		\$68,507,568	<p>Current Scope: Coal Creek Siphon & Trunk Parallel - This project will increase the capacity of the downstream half of the Coal Creek Trunk. The trunk to be upgraded is 7,100 lineal feet, ranging in diameter from 15 to 21 inches, and ranges in flow from 7 to 10 million gallons per day (MGD). The upgraded sewer will convey between 11 and 19 MGD to meet the year 2060, 20-year peak flow criteria.</p> <p>Budget Request Basis: This project will be finishing final design and starting construction during the upcoming biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, the project has progressed from preliminary design to final design. As the design has been refined, the cost estimate has been revised to reflect a design change in tunneling technology from horizontal directional drilling (HDD) to Direct Pipe Trenchless Technology and to include key construction components such as excavation pits, traffic control, and wetland/stream mitigation that were underestimated in previous construction estimates. Staff labor, consultant design costs, and project contingency were all increased relative to the revised construction estimate.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1123627	WTC WP 2ND MIX LIQ BLOWER REPL STANDALONE		\$89,159	<p>Current Scope: West Point Secondary Mixed Liquor Channel Air Blower Replacement - This project will evaluate the replacement of the existing centrifugal mixed liquor channel air blowers with alternative technology such as high-speed turbo blowers. The Variable Frequency Drive (VFD) equipped turbo blowers are a newer and more energy efficient technology, and can generate more cubic feet per minute (CFM) of air per kilowatt (kW) than the existing centrifugal blowers. This project will evaluate: the air requirements for the secondary mixed liquor channel physical/biological processes; and alternative air delivery system efficiencies and cost data. Based on those findings, the project will determine what equipment (blowers, piping, valves, etc.) requires replacement.</p> <p>Budget Request Basis: This project will be finishing construction and project close out during the upcoming biennium. Since the last budget request, the project has progressed from preliminary design through final design. As the design has been refined, the cost estimate has been revised and to include additional consultant design and staff labor costs.</p>
1127126	WTC JOINT SHIP CANAL CSO STANDALONE		\$63,918,987	<p>Current Scope: Joint Ship Canal Combined Sewer Overflow - This project funds King County's share of the capital costs for the Joint Ship Canal Water Quality Project (SCWQP), a Combined Sewer Overflow (CSO) control project with Seattle Public Utilities (SPU). SPU is the lead agency for design, construction and operation of this facility. The Ship Canal Water Quality (WQ) Project is a joint project between Seattle Public Utilities (SPU) and King County Department of Natural Resources and Parks (DNRP) that will provide offline storage with a deep storage tunnel constructed between the Ballard and Wallingford Combined Sewer Overflow (CSO) areas, on the north side of the Ship Canal. The Ship Canal WQ Project will control SPU's Ballard CSO basins (Outfalls 150,151, and 152), Fremont (Outfall 174) and Wallingford CSO basins (Outfall 147), DNRP's 3rd Avenue West Regulator (DSN008), and 11th Avenue NW Regulator (DSN004). The minimum total control volume for both SPU and DNRP CSO basins is 15.24 million gallons (MG).</p> <p>Budget Request Basis: This project funds King County's share of the capital costs for the Joint Ship Canal Water Quality Project (SCWQP) with the City of Seattle. The requested budget will fund project construction. The budget requested is based on the County's current estimated share of the SCWQP. The County is required to pay a portion of the total project cost per the terms of the Council-approved Joint Project Agreement (JPA).</p>

CAP Summary by Fund

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2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1127489	WP PRIMARY SED ROOF STRUCTURE STANDALONE		\$26,933,617	<p>Current Scope: West Point Primary Sedimentation Area Roof Structure - The project will restore the Primary Sedimentation roof structure to a seismic life safety performance level. Project will remove the Z-beams, girders, columns, upgrade the tank walls and add a partial roof structure.</p> <p>Budget Request Basis: This project will be in implementation and construction during the biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, the project has progressed from preliminary design through final design. As the design has been refined, the cost estimate has been revised to include rehabilitation of areas with corrosion degradation and install coating to prevent further degradation.</p>
1128354	WTC INTERBAY FORCE MAIN & ODOR CONTROL STANDALONE		\$48,483,235	<p>Current Scope: Interbay Forcemain and Odor - Replace the Interbay Pump Station dual 36" forcemains with 42" ductile iron pipe, line the dual 48" forcemains and 96" gravity line, rehabilitate the forcemain discharge structure (FMDS) and construct an odor control facility at the FMDS. The scope was expanded to include lining of the 96-inch gravity line located north of the discharge structure.</p> <p>Budget Request Basis: This project will be in final design and construction during the biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, this project has progressed from planning through preliminary design. As the design has been refined, the cost estimate has been revised and scope has been added to the project to add the rehabilitation of the Elliott Bay Interceptor, located immediately downstream of the force main discharge structure. This change is anticipated to reduce overall costs by increasing contractor efficiency. The other cost driver was an underestimation of the force main replacement in the previous construction cost estimate. Staff labor, consultant design costs, and project contingency were all increased relative to the scope addition and revised construction estimate.</p>

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Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

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3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129526	WTC WP LSG PIPING REPLACEMENT STANDALONE		\$13,710,932	<p>Current Scope: West Point Treatment Plant Low Pressure Sludge Gas/Biogas Piping Replacement - This project is to replace the Low Pressure Sludge Gas/Biogas (LSG) piping system at the West Point Treatment Plant (WPTP). The project will conduct an Alternative Analysis of the existing LSG piping system, and will design and rehabilitate the piping systems into a safe and reliable system. Major Scope items include 1) Inspect, identify, and develop the inventory of corroded Low Pressure Sludge Gas (LSG)/Biogas piping system; 2) Conduct an Alternatives Analysis for replacing, fixing (coating, lining), and Cathodic Protection, etc.; 3) Design the recommended alternative and prepare the contract documents; and 4) Implement the designed plans in close coordination with the Plant Process Safety Management (PSM) Team.</p> <p>Budget Request Basis: This project is being implemented in phases. Phase 1 is currently in construction. Phase 2 will be in construction during the upcoming biennium and the requested budget is necessary to award a construction contract for that phase. The cost estimate has been refined as the project progressed from planning to final design, but it has not resulted in an increase in the estimate at completion.</p>
1129528	WTC OFFSITE REPLACE SMALL GENS PROGRAMMATIC		\$5,235,582	<p>Current Scope: Offsite Replacement Small Generators - The program will replace small standby generators at various West offsite stations. The project will design and construct replacement generators at the following facilities: 8th Avenue South Regulator Station, Ballard Regulator Station, Brandon Street Outfall Station, Chelan Regulator Station, Connecticut Street Regulator Station, Dexter Avenue Regulator Station, Hanford Street Regulator Station, Hanford Street Outfall Station, Harbor Avenue Regulator Station, King Street Regulator Station, Lake City Tunnel Regulator Station, Montlake Boulevard Regulator Station, Norfolk Street Regulator Station, South Michigan Street Outfall Station, South Michigan Street Regulator Station, and the West Michigan Street Regulator Station.</p> <p>Budget Request Basis: This is a program that will have multiple subprojects in various phases of planning, design and implementation. During the upcoming biennium, the requested budget will fund both the design and implementation of small generator replacements at various offsite locations to ensure that facilities remain in operation during power disruptions.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129529	WTC WP REFURB PE & RAS PIPES STANDALONE		\$3,652,664	<p>Current Scope: West Point Refurbishment Primary Effluent and Return Activated Sludge Pipes - Inspect, restore and/or replace corroded pipelines of the Primary Effluent (PE), Waste Activated Sludge (WAS), and Return Activated Sludge (RAS) lines of the Secondary Treatment System (STS) at the West Point Treatment Plant. The scope also includes: Replace 6 existing magnetic flow meters in PE, RAS and WAS pipe lines; install isolation valve in WAS pipe; evaluate and upgrade or replace cathodic corrosion protection system associated with the STS; and inspect the PE/RAS pipe supports for conformance with seismic standards.</p> <p>Budget Request Basis: This project will be in preliminary and final design during the upcoming biennium. This project was deferred in 2018 and restarted in 2019 based on updated inspection results. When the project was restarted, scope was added to the project to include replacement of flow meters, seismic bracing, and cathodic protection of the piping. This scope addition is anticipated to reduce overall costs by increasing contractor efficiency. Staff labor, consultant design costs, and project contingency were all increased relative to the scope addition.</p>
1129532	WTC BW OPTIMIZE AERATION BASIN STANDALONE		\$13,871,162	<p>Current Scope: Brightwater Optimize Aeration Basin - At the Brightwater Treatment Plant (BWTP), optimize the three aeration basins to decrease chemical and energy usage, decrease foaming and increase process/operational flexibility. Project includes a two phase design/implementation approach. Phase 1 is an accelerated phase to install actuated control valves for improved aeration control and to reduce excess air delivery to the aeration basins (Zone Dissolved Oxygen (DO) Control); ammonium sensors will also be installed to support Phase 2 work. Phase 2 includes design/implementation of a classifying selector tank to provide improved solids retention control for improved process flexibility, improved performance/reduced foaming, further reduce excess air delivery, and chemical reduction; diffuser membranes will also be replaced for more efficient aeration. This project approach allows King County to realize partial aeration/energy savings a year in advance upon completion of Phase 1 with the remainder of energy savings and other benefits being realized upon completion of Phase 2.</p> <p>Budget Request Basis: This project will be in final design and construction during the upcoming biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, this project has progressed from planning to preliminary design. As the design has been refined, the cost estimate has been revised to reflect the selected design alternative.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129536	WTC CAPITAL PROJECT FORMULATE PROGRAMMATIC		\$2,628,278	<p>Current Scope: Capital Project Formulate - This program will evaluate potential capital projects and develop conceptual planning level documents that define and estimate expected scope, schedule, and budget. No design or construction will be done in the Formulation Program.</p> <p>Budget Request Basis: This program is an ongoing program that funds the development of conceptual project scopes, schedules, and budgets for WTD projects. No design or construction will be performed in this program. The total number of projects to be developed during the next biennium is still uncertain, so the budget request is based on the program spending trends over the last three years.</p>
1129538	WTC TECH ASSESS & INNOVATION STANDALONE		\$2,398,999	<p>Current Scope: Technology Assessment and Innovation - The Technology Assessment and Innovation Program (TAIP) is involved in numerous concurrent testing and technology assessment activities, including evaluation of the cost and effectiveness of technologies and process changes that can improve the performance or reduce the costs of wastewater treatment. Recent TAIP examples include energy/resource recovery, biosolids management, wastewater systems optimization, and nutrient management fields. This project is a continuation of former project 1037769 which closed at the end of 2016.</p> <p>Budget Request Basis: The Wastewater Treatment Division is constantly innovating to reliably produce high effluent quality while recovering valuable resources and reducing treatment costs. The budget requested will allow the Technology Assessment and Innovation Program to support the Division by evaluating treatment processes, and when appropriate, test new technologies of particular interest to the Division.</p>
1134063	WTC WP POWER MON UPGD STANDALONE		\$4,338,541	<p>Current Scope: West Point Power Monitor Upgrade - This project will replace the switchgear equipment in the Intermediate Pump Station (Facility 724) and the Effluent Pump Station (Facility 707). As part of the switchgear replacement, power line monitors with transient waveform capture features will be installed on each substation main breaker.</p> <p>Budget Request Basis: This project will be in final design and construction during the upcoming biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, this project has progressed from planning to preliminary design. As the design has been refined, the cost estimate has been revised to include additional scope to replace switchgears reaching end of life. This scope addition is anticipated to reduce overall lifecycle costs by minimizing re-work. Staff labor, consultant design costs, and project contingency were all increased relative to the scope addition.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134065	WTC SP IPS SEISMIC UPGD STANDALONE		\$7,296,119	<p>Current Scope: South Plant Influent Pump Station Seismic Upgrade - The project will address seismic retrofits of the South Plant Influent Pump Station (IPS) building. This facility is at risk for structural failure or roof collapse during a major seismic event which could result in the facility becoming inoperable. Mechanical and electrical system damage may also cause the facility to become inoperable.</p> <p>Budget Request Basis: This project will be in preliminary and final design during the biennium. Since the last budget request, this project completed capital project formulation to better define the scope and estimate. As a result of formulation, the construction cost estimate was revised to include the following scope items: pin-piling support, replacement of the building crane, wet well inspection, hazardous materials abatement, HVAC support upgrade, and costs such as general contractor markup. Staff labor, consultant design costs, and project contingency were all increased relative to the revised construction estimate.</p>
1134066	WTC COMP SYSTEM PLAN STANDALONE		\$12,462,008	<p>Current Scope: Comprehensive System Plan - The overall objective of this scope of work is to develop a Clean Water Plan for King County's regional wastewater system to guide near-term (up to 10 years) and long-term (10 to 40 years) investments by WTD in regional water quality. In addition to comprehensively assessing all demands on the regional wastewater system, the overall planning process will include regional dialog with interested parties about investment priorities, water quality benefits relative to cost, wastewater rate affordability, and the priorities and associated trade offs. The planning process will be guided by and seeks to define a future direction for the utility that is consistent with WTD's vision and mission. The plan shall identify a path forward for WTD that: provides a strategic plan to guide future investments; allocates the right dollars to the right projects at the right time; ensures the core mission to protect water quality; achieves the best water quality benefit for the investments made; results in affordable wastewater utility rates into the future; reflects the County's initiatives, including equity and social justice and strategic climate action planning.</p> <p>Budget Request Basis: This is a planning project scheduled to be complete in 2022. The requested budget will be used to fund the staff labor and consultant costs necessary to complete the Clean Water Plan. The revised Estimate at Completion reflects the revised scope of the plan as defined by the Clean Water Plan Steering Committee in the latter half of 2019.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134067	WTC ELLIOT W CSO COMP STANDALONE		\$4,001,284	<p>Current Scope: Elliott West Combined Sewer Overflow (CSO) Compliance - The 240-million gallon per day (mgd) Elliott West CSO Wet Weather Treatment Station (EWWTS) has been unable to consistently meet National Pollutant Discharge Elimination System (NPDES) permit requirements since it was placed into operation in 2005. Permit limitations on annual average settleable solids and total suspended solids removal, monthly fecal coliform concentrations, daily maximum chlorine residual concentration, and instantaneous pH have all been exceeded. Although an Alternatives Study has been started under project 1137361 / REQ-705 to study measures for upgrading the EWWTS, this project seeks to implement incremental changes to improve operability of the plant. Examples of changes include, post-event solids resuspension and removal, increasing the dewatering capacity in the wet well, upgrades related to wet well influent flow control, upgrades related to chemical dosing control and other upgrades that improve operability and reliability.</p> <p>Budget Request Basis: This is a standalone project that will have implementation of improvements in phases. During the upcoming biennium, budget is being requested so that the project can begin construction on the second phase of improvements and design on the third phase of improvements.</p>
1134068	WTC ALKI PERM GENERATOR STANDALONE		\$13,125,254	<p>Current Scope: Alki Permanent Standby Generator - This project will replace existing portable low capacity generator set with a higher capacity generator at the Alki Wet Weather Treatment Plant in order to provide the standby power at the Alki Wet Weather Treatment Facility and 63rd Ave pump station.</p> <p>Budget Request Basis: This project is anticipated to start construction during the biennium. The requested budget is needed to award the construction contract. Since the last budget request, the project has progressed from planning through preliminary design. At the project charter, it was determined that the estimate at completion submitted in the 2019 Adopted Budget was insufficient to complete the project objective. As the project progressed through preliminary design, the construction cost estimate was further refined to reflect the selected alternative. Staff labor and project contingency were both increased relative to the revised construction estimate.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134069	WTC WP RSP REPLACEMENT STANDALONE		\$47,783,542	<p>Current Scope: West Point Raw Sewage Pump Replacement - The primary scope of this West Point Treatment Plant (WPTP) project is: 1) to evaluate the viability of replacing the existing reciprocating engine drives for the Raw Sewage Pumps with electric motors and variable speed drives; and 2) to evaluate increasing the pump capacity to achieve a level of redundancy that would allow for one pump to be out of service and still meet pumping capacity of 440 mgd. 3) to retrofit the raw sewage pump building in compliance with the most up-to-date seismic code. The raw sewage pumps have been in service since the original construction of West Point in the 1960's. The existing pump configuration requires all four units to operate at maximum output to meet the 440 mgd capacity. As part of the Alternative Analysis, the team will evaluate the feasibility, (including cost, risk, constructability, reliability) of replacing the existing raw sewage pump engines with variable speed electric driven units and increasing the output of the pumps, or replacing the pumps with larger capacity units or increasing the number of pumps.</p> <p>Budget Request Basis: This project will be in preliminary and final design during the upcoming biennium. Since the last budget request, the project completed planning and has started the alternatives analysis process. It has not had any cost estimate refinements since the last budget request.</p>
1134070	WTC CMMS UPGRADE STANDALONE		\$7,344,619	<p>Current Scope: Computer Maintenance Management System Upgrade - This project will evaluate software alternatives and implement the replacement of the existing Computer Maintenance Management System (CMMS) software (Mainsaver) with a new software system. This will also include applicable third-party modules to facilitate work scheduling, mobility, and/or Key Performance Index metrics and display. The new software system will include functionality that will enable the Wastewater Treatment Division (WTD) to meet its maintenance management requirements and will successfully integrate with other WTD and King County business software and applications as required.</p> <p>Budget Request Basis: This project will be in final design and implementation during the biennium, and budget is being requested to award a software vendor contract. Since the last budget request, this project completed capital project formulation to better define the scope and estimate. As a result of formulation, the cost estimate was refined to include scope necessary to meet the project objective. Staff labor, consultant costs, and project contingency were increased relative to the revised construction estimate.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134071	WTC OVATION CONT SYS UPGD STANDALONE		\$2,444,129	<p>Current Scope: WTD Ovation Control Systems Upgrades - This project will replace aging hardware components and obsolete software in the Ovation control systems at South, Brightwater and West Point Treatment Plants with current Ovation technology. This project will also install new software and hardware to increase the control systems' features and functionality. The existing control systems at South, Brightwater, and West Point Treatment Plants are built on proprietary software and hardware developed by Emerson Process Management Power and Water Solutions, Inc. (Emerson). A sole source waiver has been approved for the Ovation Evergreen Upgrade and enhancements.</p> <p>Budget Request Basis: This project will continue to be in implementation during the biennium. The additional budget being requested is based on a scope adjustment to purchase a high performance graphics and alarm package for the controls system. This is needed to bring WTD into full conformance with current industrial plant graphical display and alarm standards.</p>
1134072	WTC PASS WEIR FOR EMG BYPASS STANDALONE		\$5,325,750	<p>Current Scope: West Point Passive Weir for Emergency Bypass - The primary objective of this project is to design and construct a passive bypass weir on the Emergency Bypass Channel to protect the West Point Treatment Plant (WPTP) from flooding in the event of a failure of the Emergency Bypass gate (EB) and all other gates in the Influent Control Structure (ICS). Another objective is to route the drainage pipeline of the Multi-Use Facility area into the Influent Control Structure for treatment. As part of its independent review of the 2017 West Point event, AECOM recommended construction of a passive weir. This work will include review of the current design of the wastewater influent tunnels, ICS, and Emergency Bypass Channels, develop alternative design plans, preliminary design (Baseline), final design, implementation, and project close out. This project will produce alternative design reports, design plans at various design levels (30%, 60%, 90%, and 100%), bidding documents, a passive bypass weir to handle up to 440 millions gallons per day of influent.</p> <p>Budget Request Basis: This project will be in preliminary design, final design, and construction during the upcoming biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, this project chartered and progressed planning to preliminary design. At the completion of the planning phase, the cost estimate was refined and it was determined that the previous estimate would not be sufficient to complete the necessary scope of work. Staff labor and project contingency were increased relative to the revised construction estimate.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134073	WTC VFD REPLACEMENT STANDALONE		\$3,472,491	<p>Current Scope: Variable Frequency Drives Replacement - The primary objective of this project is to establish a program to proactively replace low voltage (less than 480 volt) variable frequency drives (VFDs) through the King County Wastewater Treatment Division's (WTD) system that have reached the end of their life and prior to their failure.</p> <p>Budget Request Basis: This is an ongoing project without typical phases. Multiple phases of planning, design and implementation occur concurrently. The requested budget will be used to plan, design, purchase, and install Variable Frequency Drives (VFDs) that have reached end of life.</p>
1134074	WTC BW RW STORAGE STANDALONE		\$4,636,317	<p>Current Scope: Brightwater Reclaimed Water Storage - Staff from the Reclaimed Water (RW) program and Brightwater have identified a need for RW storage to improve system reliability and increase operator and maintenance flexibility. The purpose of this project is to install storage, and associated pumping and/or disinfection (if needed) for the Brightwater reclaimed water distribution system. During project formulation it was assumed that the storage tank would be sited at Brightwater and a UV disinfection system would be added since the tank would be upstream of the current RW disinfection treatment system. Repurposing a portion of the existing below grade storage tank at North Creek Pump Station may also a potential alternative, along with other disinfection methods/modifications. The project team will evaluate the feasibility of siting a new tank at Brightwater and repurposing a portion of the existing North Creek Pump Station storage tank and the associated pumping and disinfection systems during alternatives analysis.</p> <p>Budget Request Basis: This project will be in preliminary and final design during the biennium. Since the last budget request, the project completed planning and has started preliminary design. It has not had any cost estimate refinements since the last budget request.</p>
1134075	WTC LK HILLS INT A REFURB STANDALONE		\$3,972,893	<p>Current Scope: Lake Hills Interceptor A Refurbishment - Rehabilitate 7,776 linear feet of 48-inch and 54-inch diameter reinforced concrete Lake Hills Interceptor pipe.</p> <p>Budget Request Basis: This project will be in preliminary design, final design, and construction during the biennium, and the appropriation is necessary to award a construction contract. Since the last budget request, the project has progressed from planning through the selection of an alternative. The construction cost estimate has been revised to reflect the selected alternative.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1135013	WTC WATER QUALITY IMPRV ALTERN PROGRAMMATIC		\$2,955,195	<p>Current Scope: Water Quality Improvement Alternatives - This project will refine and implement a series of Water Quality Improvement Alternatives, including water quality investments, programs, and policies ("Water quality Projects") identified in the King County Combined Sewer Overflow (CSO) Long-term Control Plan (LTCP) and further opportunities identified in the Clean Water Plan for King County's regional wastewater system. This project will refine planning level Water Quality Improvement Alternatives identified in the Clean Water Plan and LTCP through Problem Definition, further evaluate options, and initiate design and implementation. This project will also further define those Water Quality Projects identified as programs and policies, in accordance with applicable laws and regulations. This process will be guided by the Water Quality Assessment and Monitoring Study, CSO LTCP, Clean Water Plan for King County's regional wastewater system, King County Code (KCC 28.86) CSO control policies (CSOCP), and Water Quality Protection Policies (WQPP).</p> <p>Budget Request Basis: This is a program that currently only has a single subproject. The requested budget would be used to apply the Water Quality Benefits Evaluation toolkit developed by this subproject to evaluate a suite of potential water quality projects and programs that could be implemented in the areas draining to receiving waters within the WTD service area. Application of the toolkit will provide information about the water quality benefits of potential WTD investments and aligns with the Clean Water Healthy Habitat effort and goals.</p>
1136151	WTC BLACK DIAMOND PAYMENTS STANDALONE		\$335,029	<p>Current Scope: Black Diamond Payments - This project commits funds for the payment of Soos Creek Water District for the use, design, construction, operation, maintenance, and depreciation of the District Conveyance Facilities and to provide reimbursement of appropriate capital costs incurred by the District for the County's use of such facilities. The Parties agree that the County will only pay that portion of the District's capital costs related to improvements which are necessary to convey the County's regional wastewater flows from Black Diamond. The Parties understand and expect that the District's customer base will increase during the time of this Agreement and the District will be solely responsible for the cost of construction of the District's Conveyance Facilities necessary to meet the capacity needs of the District's increased customer base.</p> <p>Budget Request Basis: This project funds the capital costs related to improvements which are necessary to convey the County's regional wastewater flows from the City of Black Diamond to the regional wastewater system. While the County's regional sewer system serves Black Diamond, the County does not have sewer lines that extend to the City. Instead, the County pays the Soos Creek Water and Sewer District to "wheel" or convey the flows from the City to the regional sewer system. The budget requested will be used to reimburse the District for the capital and operating costs per a Council-approved interlocal agreement between the County and the District.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1137181	WTC RCH B PS MCC & SWITCH REPL STANDALONE		\$2,186,353	<p>Current Scope: Richmond Beach Pump Station Motor Control Center and Switchboard Replacement - Design, engineer, and replace the Richmond Beach Pump Station Motor Control Center (MCC), Service Switchboard and install a Load Bank Connection Receptacle.</p> <p>Budget Request Basis: This project will be in final design and construction during the biennium, and the appropriation is necessary to award a construction contract. Since budget was initially requested in the 2019 2nd Omnibus supplemental budget, the project has completed preliminary design and baselined. The cost estimate was revised at project baseline and included new scope for load bank testing receptacles and an increase for the cost of a temporary motor control center during construction.</p>
1139037	WTC LAKELAND HILLS INSTALL GEN STANDALONE		\$5,798,489	<p>Current Scope: Lakeland Hills Install Generator - The main objective of this project is to provide a standby generator and fuel tank at the Lakeland Hills Pump Station in Auburn, WA, which does not currently have a standby power system. This project will provide a permanent system of adequate size to run the station for the standard 24 hours in the event of a power outage.</p> <p>Budget Request Basis: This project is requesting appropriation to cover life-to-date costs incurred by the minor asset management subproject, as well as estimated costs to complete the project.</p>
1139038	WTC MEDINA PS MCC & GEN REPL STANDALONE		\$5,800,424	<p>Current Scope: Medina Pump Station Motor Control Centers and Generator Replacement - The scope of this project is to replace electrical and mechanical equipment that is nearing end of life and in need of replacement at the aging Medina Pump Station. This project will replace motor control centers (MCCs), variable frequency drives (VFDs), and a permanent standby generator. A temporary generator was installed in 2019 to mitigate the risk of overflow during wet weather events and will remain until this project is complete.</p> <p>Budget Request Basis: This project was approved as a high priority Minor Asset Management project. As project design progressed, 30% design work uncovered that additional pump station upgrades were necessary to implement the original project scope. The larger scope and higher cost estimate calls for a stand alone project with individual appropriation. This project will be in final design and construction in the biennium, and appropriation is needed to award a construction contract.</p>
1139040	WTC ASSET MGMT WORK PLAN STANDALONE		\$4,835,980	<p>Current Scope: Asset Management Work Plan - The scope of this project is to complete Asset Management Program enhancement tasks that have been identified and approved by the Wastewater Treatment Division Asset Management Steering Committee.</p> <p>Budget Request Basis: This request provides the funding needed to support execution of the Strategic Asset Management Plan (SAMP). Budget forecast amounts include estimates of labor costs of existing staff who lead the multiple efforts to implement the SAMP plus costs for securing consultant resources where specific supplemental expertise is required.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139041	WTC BW STORAGE TANK SPRAY SYST STANDALONE		\$3,125,771	<p>Current Scope: Brightwater Storage Tank Spray System - This project will engineer and construct a system in the Digested Sludge Storage Tank (DSST) that will recirculate digested sludge in a way that will reduce the production of internal foaming. The project scope includes the following: 1) Installation of an enhanced pump mixing system; 2) Reroute existing gas line to allow access to existing tank penetrations; 3) Installation of a new emergency overflow hatch using existing DSST roof penetrations; 4) Electrical and instrumentation modifications to support the improvements; 5) Modifications to the piping and valve configuration for Digester 3; 6) Modification to DSST roof for drainage.</p> <p>Budget Request Basis: This project is requesting appropriation to cover life-to-date costs incurred by the minor asset management subproject, as well as future costs to be expended in 2021.</p>
1139042	WTC TREATMENT PLANNING PROGRAM PROGRAMMATIC		\$12,957,768	<p>Current Scope: Treatment Planning Program - The Treatment Planning Program provides comprehensive near-term and long-term planning for wastewater treatment capacity at facilities (treatment plants) and at the regional system level. The program assesses current and future regional treatment system needs to accommodate planned growth anticipated by WTD's 34 component agencies and to address regulatory requirements, and identifies the policies, conceptual capital projects, and funding needed to meet regional treatment needs. Conceptual needs are further refined through problem definition for transfer to project delivery.</p> <p>Budget Request Basis: This is a new program that is anticipated to have multiple subprojects for treatment planning activities. The requested budget for the biennium would be used to fund staff labor and consultant costs for studies and planning-level alternatives analysis and cost estimating including capacity needs identified in the Treatment Plant Flows and Loadings Study (2019), nutrient removal and optimization studies, regulatory deliverables to Washington State Department of Ecology to meet WTD's national pollutant discharge elimination system (NPDES) permit, and overall program management and coordination.</p>
1139043	WTC ELLIOTT WEST CSO PLAN ALT STANDALONE		\$11,783,389	<p>Current Scope: Elliott West Combined Sewer Overflow Plan Alternatives - The purpose of this project is to identify improvements that will result in full National Pollutant Discharge Elimination System (NPDES) permit compliance at the Elliott West (EW) Combined Sewer Overflow (CSO) Wet Weather Treatment Station (WWTS).</p> <p>Budget Request Basis: This project is requesting appropriation to support an alternatives analysis and facility design in the 2021/22 biennium. Further appropriation may be requested in future budget cycles based on the selected alternative as well as the results of the Clean Water Plan and the Long Term Control Plan update.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139044	WTC SP BIOSOLIDS COMPOST PILOT STANDALONE		\$3,474,971	<p>Current Scope: South Treatment Biosolids Compost Pilot - This project is to design, permit, and construction a temporary compost pilot facility at South Treatment Plant to compost Loop biosolids with woody materials to make Class A compost. Once fully operational, the pilot can process up to 500-750 wet tons of class B Loop per year into Class A Loop compost.</p> <p>Budget Request Basis: This project was previously approved as a minor asset management subproject. The larger scope and higher cost estimate since chartering calls for a stand alone project with individual appropriation. Prior expenditures will be transferred to the standalone project once appropriated.</p>
1139045	WTC SP ODOR CONTROL MODS P,S&D STANDALONE		\$2,812,145	<p>Current Scope: South Plant Odor Control Modifications at Primary, Secondary and Dissolved Air Flotation Thickening - A Technical Memo titled "Condition Assessment of the South Plant Odor Control Systems" was issued in September 2017. The scope of this project is based on the findings of that Technical Memo. The scope of this project is to: 1) Design necessary improvements at South Plant Primary, Secondary, and Dissolved Air Flotation Thickening (DAFT) Odor Control 2) Develop construction contract documents. 3) Procure a construction contractor and implement the necessary improvements.</p> <p>Budget Request Basis: This project is requesting appropriation to cover forecasted costs in 2021 and 2022, as well as previously expended costs from the minor asset management subproject, which will be transferred once this new standalone project is approved and appropriated.</p>
1139047	Bellevue Interceptor Rehabilitation STANDALONE		\$0	<p>Current Scope: Bellevue Interceptor Rehabilitation - This project will rehabilitate or replace 6,250 feet of 18, 21, and 27-inch diameter reinforced concrete Bellevue Interceptor pipeline located in Bellevue.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2023.</p>
1139048	Lake Ballinger PS Upgrade STANDALONE		\$0	<p>Current Scope: Lake Ballinger Pump Station Upgrade - This project will upgrade the Lake Ballinger Pump Station (LBPS) in Shoreline to a level of service needed to accommodate projected flow levels and extend the useful life of the facility.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2023.</p>
1139049	ESI Section 8 Rehabilitation STANDALONE		\$0	<p>Current Scope: East Side Interceptor Section 8 Rehabilitation - The scope of this project is to rehabilitate or replace 5,630 feet of 72-inch diameter reinforced concrete East Side Interceptor (ESI) pipeline located in Bellevue, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139050	SP Dewatering Chemical ORT System and Mist Eliminators Addition STANDALONE		\$0	<p>Current Scope: South Plant Dewatering Chemical Odor Reduction Tower System - The goal of this project is to modify and refurbish the South Plant (SP) Dewatering Chemical Odor Reduction Tower (ORT) System to improve odor treatment efficiency, reduce the negative impacts caused by mist carry-over on downstream odor treatment processes, and ensure continued compliance with Puget Sound Clean Air Agency (PSCAA) permit requirements.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2023.</p>
1139051	West Point EPS Isolation Gate Rehabilitation STANDALONE		\$0	<p>Current Scope: West Point Effluent Pump Station Gate Rehabilitation - The main objective of this project is to restore full functionality to the Effluent Pump Station (EPS) effluent pump isolation gates at the West Point Treatment Plant (WPTP). All gates were installed in the early 1990s, have since deteriorated, and are approaching the end of useful life. Two of the gates have failed and are not in service. The gates are located in active and critical process locations within the plant and do not have adequate provisions to safely isolate the gates for inspection, repair, or replacement.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2023.</p>
1139052	WP Instrument & Service Air Replacement STANDALONE		\$0	<p>Current Scope: West Point Instrument Service Air Replacement - The main objective of this project is to upgrade and relocate the end-of-life instrument air (IA) and service air (SA) equipment, including new piping, in the raw sewage pump (RSP) and oxygen generation and dissolution system (OGADS) buildings to another location at the West Point Treatment Plant (WPTP). The IA system uses three compressors and two air dryers to provide clean, dry, compressed air to bubblers, control valve actuators, and other instrumentation. The SA system uses two compressors to supply compressed air throughout the plant for utility purposes, such as unclogging pumps, and to power portable tools and equipment.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2022/23 biennial budget. Expenditures are forecasted to start in 2023.</p>
1139053	South Plant Screening Dewatering Units Replacement STANDALONE		\$0	<p>Current Scope: South Plant Screening Dewatering Units Replacement - The main objective of this project is to replace obsolete dewatering equipment at the South Treatment Plant in Renton. Equipment requiring replacement includes grit classifiers, Hycor screening units and washer monsters (industry named). This project will update the equipment and add reliability to the system by adding a second washer monster. This equipment removes water and organic material from grit that has been removed from the wastewater process prior to disposal.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2023.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139054	HVAC Replacements and Refurbishments PROGRAMMATIC		\$0	<p>Current Scope: Heating, Ventilation, and Air Conditioning (HVAC) Replacement and Refurbishment - The primary scope of this programmatic project is to strategically replace failing critical infrastructure within the Wastewater Treatment Division's (WTD)'s heating, ventilation, and air conditioning (HVAC) systems. HVAC systems are critical infrastructure that requires functionality as designed in order to directly support the treatment of wastewater. WTD's HVAC systems are at a critical point of needing directed funding for equipment replacement. Extensive HVAC equipment at various WTD's facilities are experiencing failure or are past the end of their useful life. This funding will apply to HVAC replacement and refurbishment up to approximately \$500,000. This programmatic project or "roll-up" will be ongoing in order to keep our HVAC systems operating as designed. Specialized HVAC equipment projects exceeding the roll-up fund availability of \$500,000 will be implemented as standalone capital projects.</p> <p>Budget Request Basis: This program is not yet requesting appropriation. Appropriation for this program may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2023.</p>
1139055	ESI Section 10 Rehabilitation STANDALONE		\$0	<p>Current Scope: East Side Interceptor Section 10 Rehabilitation - This project will rehabilitate and/or replace 2,600 linear feet of 72-inch reinforced concrete East Side Interceptor (ESI) pipeline located in the Woodridge area of Bellevue, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139056	South Interceptor Rehabilitation STANDALONE		\$0	<p>Current Scope: South Interceptor Rehabilitation - This project will rehabilitate or replace 615 linear feet of 90-inch diameter reinforced concrete South Interceptor pipeline located in Renton, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139057	Richmond Beach PS Upgrade STANDALONE		\$0	<p>Current Scope: Richmond Beach Pump Station Upgrade - The scope of this project is to replace, refurbish, or install new mechanical, electrical, instrumentation and control, and structural elements to meet current design standards at the Richmond Beach Pump Station in Shoreline, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139058	ESI Section 13 Rehabilitation Phase II STANDALONE		\$0	<p>Current Scope: East Side Interceptor Section 13 Rehab Phase II - This project will rehabilitate or replace 2,500 linear feet of 72-inch diameter reinforced concrete East Side Interceptor (ESI) pipeline located in Bellevue, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139059	Kenmore Interceptor - A Landfall Structure STANDALONE			\$0 Current Scope: Kenmore Interceptor Landfall Structure - The primary objective of this project is to maintain reliable sewage conveyance and extend the useful life of existing sewers by structural rehabilitation or replacement of conveyance system pipelines and/or structures suffering from severe Hydrogen Sulfide (H2S) corrosion. This project will rehabilitate or replace the Kenmore Interceptor Landfall Structure located in Kenmore, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.
1139060	Kent Cross Valley Interceptor Rehabilitation STANDALONE			\$0 Current Scope: Kent Cross Valley Interceptor Rehabilitation - This project will rehabilitate or replace 1,300 linear feet of 60 and 72-inch diameter reinforced concrete Kent Cross Valley Interceptor pipeline located in Kent. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.
1139061	Juanita Interceptor Rehabilitation STANDALONE			\$0 Current Scope: Juanita Interceptor Rehabilitation - The primary objective of this project is to maintain reliable sewage conveyance and extend the useful life of existing sewers by the structural rehabilitation or replacement of conveyance system pipelines and/or structures suffering from severe Hydrogen Sulfide (H2S) corrosion. This project will rehabilitate or replace 1,590 linear feet of 72 and 84-inch diameter reinforced concrete Juanita Interceptor pipeline located in Kirkland, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.
1139062	May Creek Interceptor Rehabilitation STANDALONE			\$0 Current Scope: May Creek Interceptor Rehabilitation - This project will rehabilitate or replace 425 linear feet of 36-inch diameter reinforced concrete May Creek Interceptor pipeline located in Renton, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.
1139063	Matthews Park PS Odor Control Replacement STANDALONE			\$0 Current Scope: Matthews Park Pump Station Odor Control Replacement - The objective of this project is to extend the useful life or replace the odor control system at the Matthews Park Pump Station (PS) in the Sand Point neighborhood of Seattle. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139064	South Plant Raw Sewage Pump #3 Replacement STANDALONE		\$0	<p>Current Scope: South Plant Raw Sewage Pump #3 Replacement - The primary objective of this project is to replace raw sewage pump (RSP) #3 and associated equipment at South Treatment Plant (SP) in order to continue to provide safe, reliable, and energy-efficient wastewater treatment. The existing RSP #3 motor, drive and pump were installed in 1971 and are at the end of their useful life.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139065	North Beach PS Raw Sewage Pump Upgrade STANDALONE		\$0	<p>Current Scope: North Beach Pump Station Raw Sewage Pump Upgrade - This project will extend the life of the North Beach Pump Station (PS) in Seattle by replacing the raw sewage pumps (RSPs) and replacing the existing force main header. The force main will also be assessed as part of this project.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139066	Murray PS Raw Sewage Pump Upgrade STANDALONE		\$0	<p>Current Scope: Murray Pump Station Raw Sewage Pump Upgrade - This project will replace the raw sewage pumps at the Murray Pump Station in West Seattle. The current raw sewage pumps are at the end of their useful life. The replacement assets will be space saving, energy efficient, and improve operability.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139067	East North Creek Force Main Structural Lining or Replacement STANDALONE		\$0	<p>Current Scope: East North Creek Force Main Line Replacement - The primary objective of this project is to extend the useful life of the East North Creek Force Main (NCFM). The scope of this project is to install structural lining or replace 25,000 linear feet of epoxy lined and cement mortar coated steel pipeline. This pipe is an integral part of the Brightwater Reclaimed Water Distribution System and is also used during emergency diversions to send wastewater away from Brightwater to South Plant via the York Pump Station.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139068	North Beach Outfall Replacement STANDALONE		\$0	<p>Current Scope: North Beach Outfall Replacement - The scope of this project is to replace the existing North Beach Pump Station outfall. The North Beach Pump Station is located on a Wastewater Treatment Division owned property adjacent to the Blue Ridge Beach Park, just south of the Carkeek Wet Weather Treatment Facility in the Blue Ridge neighborhood of northwest Seattle.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139069	Hidden Lake Raw Sewage Pump Replacement STANDALONE		\$0	<p>Current Scope: Hidden Lake Raw Sewage Pump Replacement - The primary objective of this project is to replace the raw sewage pumps at the Wastewater Treatment Division's (WTD's) Hidden Lake Pump Station in Shoreline.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2023/24 biennial budget. Expenditures are forecasted to start in 2024.</p>
1139070	WP Sodium Hypochlorite System STANDALONE		\$0	<p>Current Scope: West Point Sodium Hypochlorite System - The main objective of this project is to replace the temporary disinfection system at the West Point Treatment Plant (WPTP) with a permanent facility containing storage pumping, and metering capacity along with required Life Health Safety features.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2025.</p>
1139071	Issaquah Interceptor Rehabilitation STANDALONE		\$0	<p>Current Scope: Issaquah Interceptor Rehabilitation - This project will rehabilitate or replace 1,100 linear feet of 48-inch diameter reinforced concrete Issaquah Interceptor pipeline located in Issaquah, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2025.</p>
1139072	ESI Section 2 Rehabilitation Phase III STANDALONE		\$0	<p>Current Scope: East Side Interceptor Section 2 Rehabilitation Phase III - This project will rehabilitate or replace 925 linear feet of 96-inch diameter East Side Interceptor (ESI) reinforced concrete pipeline located in Renton, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2025.</p>
1139073	Redmond Interceptor Rehabilitation STANDALONE		\$0	<p>Current Scope: Redmond Interceptor Rehabilitation - This project will rehabilitate or replace 530 linear feet of 72-inch diameter reinforced concrete Redmond Interceptor pipeline located in Redmond, WA.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2025.</p>
1139074	South Plant Feeder A & B Transformer Replacement STANDALONE		\$0	<p>Current Scope: South Plant Feeder A and B Transformers Replacement - The scope of this project is to replace the South Treatment Plant "A" and "B" feeder transformers which step down the incoming power from Puget Sound Energy (PSE), the 480V Switchgear in the Solids and Pump Buildings, and 480V Motor Control Centers (MCC) that are fed by the switchgear. The transformers feed power to the entire plant, while the switchgear and motor control centers provide power for preliminary treatment, primary treatment, and solids handling equipment.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2025.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139075	ESI Section 14 Rehabilitation STANDALONE			\$0 Current Scope: East Side Interceptor Section 14 Rehabilitation - This project will rehabilitate or replace 900 linear feet of 84-inch diameter reinforced concrete pipeline of the East Side Interceptor (ESI) located in Kirkland, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2026.
1139076	EBI Section 4 Rehabilitation STANDALONE			\$0 Current Scope: Elliott Bay Interceptor Section 4 Rehabilitation - This project will rehabilitate or replace 730 linear feet of 72-inch diameter reinforced concrete pipeline of the Elliott Bay Interceptor (EBI) located in the Industrial District of Seattle, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested as part of the 2025/26 biennial budget. Expenditures are forecasted to start in 2026.
1139096	WTC SP DWATER CARBN TOWR SCRUB STANDALONE			\$0 Current Scope: South Plant Dewatering Carbon Tower and Scrubber - Replace the existing corroded Carbon Tower Supply Blower with a smaller, more efficient unit. Install a ventilation system in the tower blower room that meets National Fire Protection Association (NFPA) 820 requirements for an unclassified space. Replace the carbon media (while the Carbon Tower is off-line) and implement various improvements to the Carbon Tower to promote better flow characteristics and odor treatment efficiency. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139097	WTC M STREET TRUNK REHAB STANDALONE			\$0 Current Scope: M Street Trunk Rehabilitation - This project will rehabilitate or replace 3,350 linear feet of 18, 24, and 30-inch diameter reinforced concrete pipeline located in Auburn, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139098	WTC OFFSITE LVL CNTRL UPGRADE PROGRAMMATIC			\$0 Current Scope: Offsite Level Control Upgrade - The scope of this project is to evaluate the wet well level control equipment and configuration at all Wastewater Treatment Division (WTD) offsite facilities, replace obsolete wet well level control equipment, and implement improvements to bring all facilities into compliance with modern level control design standards. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139099	WTC SP BARSCREEN UPGRADE STANDALONE			\$0 Current Scope: South Plant Bar Screen Upgrade - The main objective of this project is to replace the eight bar screens at the South Treatment Plant in Renton, WA. The bar screens remove debris, such as cans, rocks, sticks, and rags from the plant influent. The eight single-rake barscreens will be replaced with either new single-rake or multi-rake barscreens. This will ensure compliance with the 3/8" maximum barscreen spacing per WAC 173-308-205 to maintain biosolids quality. The project must also assure the screening process maintains sufficient hydraulic capacity to fully utilize the capacity of the raw sewage pumps. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139100	WTC WP PE/FE FLOWMTR REPLACE STANDALONE			\$0 Current Scope: West Point Primary Effluent/Final Effluent Flowmeter Replacement - This project will replace the primary effluent (PE) and final effluent (FE) propeller flowmeters at the West Point Treatment Plant (WPTP) in order to provide accurate flow information to the Department of Ecology (DOE) as required by the West Point Operating Permit. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139101	WTC LKLD HLS RW SEW PUMP REPL STANDALONE			\$0 Current Scope: Lakeland Hills Raw Sewage Pump Replacement - The main objective of this project is to replace the raw sewage pumping (RSP) equipment at the Lakeland Hills Pump Station in Auburn, WA. The assets are at the end of their useful life and are obsolete. They are also located in a hazardous location for maintenance. This project would both replace the pumps and move them from the confined space they currently occupy. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139102	WTC LK HLS BLVD SIPHON REPL STANDALONE			\$0 Current Scope: Lake Hills Boulevard Siphon Replacement - The scope of this project is to rehabilitate or replace the Lake Hills Boulevard Siphon in Bellevue, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139103	WTC WP 13V DISTRBT SYS IMPROVE STANDALONE			\$0 Current Scope: West Point 13kV Distribution System Improvement - The scope of this project is to replace the existing 13kV distribution conductors, junction boxes, switches, and electrical equipment at West Point Treatment Plant. The 13kV system distributes power to the Intermediate and Effluent Pumping Stations, which are required to keep flow moving through the plant. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139104	WTC WP PROPANE SYS IMPROVE STANDALONE			\$0 Current Scope: West Point Propane System Improvement - The objective of this project is to implement the recommendations from the Propane System Assessment Project (1135865). This assessment was completed in Fall 2019, and short term safety measures are in implementation and scheduled to complete in early 2021. The recommended scope of this project implements long term measures that include the replacement or refurbishment of the propane system components, including tanks, piping, vaporizers, relief valves, and instrumentation and controls equipment. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139105	WTC WP MAIN SUBSTAT IMPROVE STANDALONE			\$0 Current Scope: West Point Main Substation Improvement - This project will replace the main switchgear and other electrical components in the Main Substation at West Point Treatment Plant. The Main Substation takes power from primary incoming Seattle City Light distribution and distributes it to multiple substations providing power to operating units throughout the plant. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.
1139106	WTC BW NEUROS NX-300 BLW REPLC STANDALONE			\$0 Current Scope: Brightwater Neuros NX-300 Blower Replacement - This project will replace seven first generation Neuros NX300 blowers with modern turbo blowers that are easier and less expensive to maintain at the Brightwater Treatment Plant in Woodinville, WA. Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Wastewater Treatment, Fund: 3611 WATER QUALITY CONST-UNRES Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3611 WATER QUALITY CONST-UNRES - Wastewater Treatment				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139107	WTC SP 2 CTL BLD MED VT SG RPL STANDALONE		\$0	<p>Current Scope: South Plant Secondary Control Building Medium Voltage Switchgear Replacement - The goal of this project is to replace existing medium voltage switchgear at South Plant in Renton with new 4160 medium voltage switchgear. Switchgear is used to provide power to run secondary process areas at South Plant.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.</p>
1139108	WTC SP FLOW CTL STRC COM REPL STANDALONE		\$0	<p>Current Scope: South Plant Flow Control Structures (#1-4) Component Replacement - This project will replace the 36" flow meter, 42" control valve and associated piping in each of the first four flow control structures at the South Treatment Plant in Renton, WA. The flow control structures convey secondary effluent to the chlorine contact channel for disinfection and also control the flow which provides level control for the aeration process.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.</p>
1139109	WTC WP 480V DIST SYS IMPROV STANDALONE		\$0	<p>Current Scope: West Point 480V Distribution System Improvements - This project will replace the existing 480V distribution switchgear, conductors, junction boxes, switches and equipment at the West Point Treatment Plant (WPTP). This electrical equipment serves multiple process areas within the plant.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.</p>
1139110	WTC WP IPS/EPS PUMP REFURB STANDALONE		\$0	<p>Current Scope: West Point Intermediate Pump Station/Effluent Pump Station Pump Refurbishment - This project will refurbish or replace the Intermediate Pump Station (IPS) Effluent Pump Station (EPS) pumps and motors at the West Point Treatment Plant (WPTP). These assets are the primary hydraulic drivers of the WPTP.</p> <p>Budget Request Basis: This project is not yet requesting appropriation. Appropriation for this project may be requested in a standalone budget ordinance that will accompany the 2022 sewer rate proposal. Expenditures are forecasted to start in 2022.</p>
3611 - WATER QUALITY CONST-UNRES		Total	\$553,182,487	
Grand Total			\$553,182,487	

**2021-2022 Proposed Financial Plan
WTD Capital Fund 3611 & 3612**

Capital Improvement Program (CIP) Budget

	2019-2020 Carryforward (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	199,209,375	-	199,209,375		
Bond Proceeds (net)		319,303,247	319,303,247	351,019,910	424,950,580
Future Undesignated Funding	781,617,845	233,879,240	1,015,497,085	67,729,008	236,864,922
Total Capital Revenue	\$ 980,827,220	\$ 553,182,487	\$ 1,534,009,707	\$ 418,748,918	\$ 661,815,502
Capital Appropriation:					
Resource Recovery	(45,870,357)	(11,787,701)	(57,658,058)	(7,161,636)	-
Asset Management - Conveyance	(79,092,088)	(56,230,032)	(135,322,120)	(50,123,305)	(136,945,735)
Asset Management - Plant	(123,173,904)	(104,050,776)	(227,224,680)	(154,170,202)	(276,420,835)
Capacity Improvement	(287,329,152)	(96,917,773)	(384,246,925)	(1,340,366)	(11,169,665)
Operational Enhancements	(7,277,406)	(39,158,321)	(46,435,727)	(10,847,404)	(11,496,452)
Planning/Administration	(28,702,206)	(43,790,781)	(72,492,987)	(15,113,375)	(14,437,705)
Resiliency	(58,362,327)	(91,677,568)	(150,039,895)	(80,831,225)	(33,832,582)
Regulatory	(253,837,564)	(109,569,535)	(363,407,099)	(99,161,405)	(177,512,528)
Historical (No Category)	(97,182,216)		(97,182,216)		
Total Capital Appropriation	\$ (980,827,220)	\$ (553,182,487)	\$ (1,534,009,707)	\$ (418,748,918)	\$ (661,815,502)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	126,135,740	126,135,740		296,213,569	114,151,509	79,182,297
Capital Funding Sources						
State Revolving Fund/Public Works Loans, Other	22,987,763	66,128,916		17,317,279	27,761,441	30,606,062
Insurance Recoveries ¹	84,783,194	86,233,194		1,000,000	1,000,000	1,000,000
Bond Proceeds (net)	128,722,303	361,555,102		368,122,546	351,019,910	424,950,580
Transfers from Operating Fund (4611)	56,560,738	88,116,636		-	258,011,485	264,189,032
Total Capital Revenue	\$ 293,053,998	\$ 602,033,849		\$ 386,439,826	\$ 637,792,836	\$ 720,745,675
Capital Expenditures (Preliminary)						
Resource Recovery	(8,832,144)	(11,111,247)		(7,788,480)	(8,064,547)	(8,050,185)
Asset Management - Conveyance	(32,792,406)	(49,176,840)		(48,336,527)	(90,053,799)	(117,623,734)
Asset Management - Plant	(51,541,046)	(83,557,929)		(120,939,478)	(187,266,819)	(249,057,317)
Capacity Improvement	(41,996,548)	(64,827,182)		(106,683,058)	(158,157,042)	(73,852,877)
Operational Enhancements	(8,111,810)	(18,042,791)		(27,581,211)	(21,504,637)	(9,771,985)
Planning/Administration	(15,943,433)	(24,449,403)		(29,189,625)	(16,561,674)	(16,452,836)
Resiliency	(6,900,409)	(12,757,864)		(39,654,103)	(54,278,339)	(52,536,730)
Regulatory	(94,980,455)	(168,032,766)		(188,329,404)	(136,875,190)	(193,179,636)
Total Capital Expenditures	\$ (261,098,251)	\$ (431,956,020)		\$ (568,501,886)	\$ (672,762,048)	\$ (720,525,300)
Other Fund Transactions						
Ending Fund Balance	\$ 158,091,487	\$ 296,213,569		\$ 114,151,509	\$ 79,182,297	\$ 79,402,672
Fund Balance designated to current projects²	\$ (61,087,293)	\$ (199,209,375)	\$ -	\$ (94,170,049)	\$ (59,221,973)	\$ (59,470,818)
Reserves						
Emergency Capital Reserve ³	(15,000,000)	(15,000,000)		(15,000,000)	(15,000,000)	(15,000,000)
Construction Cash Balance Reserve	(5,000,000)	(5,000,000)		(5,000,000)	(5,000,000)	(5,000,000)
Lower Duwamish Reserve	(77,004,194)	(77,004,194)		-	-	-
Total Reserves	\$ (97,004,194)	\$ (97,004,194)		\$ (20,000,000)	\$ (20,000,000)	\$ (20,000,000)
Projected Shortfall ⁴	-	-		18,540	39,676	68,145
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Carryforward column reflects the best estimate of the inception to date budget balances.

2021-2022 Total sums the carryforward budget and the proposed budget.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Attachment A, with exceptions explicitly noted.

Revenue Notes:

The King County Comprehensive Financial Management Policies (Motion 15250) allows major enterprise funds such as WTD to make transfers between its funds without appropriation authority. WTD uses this authority to make transfers to its capital funds based on estimated expenditures. "Future Undesignated Funding" includes future transfers from operating and other financing sources (SRF loans, PW loans, etc.). WTD's consolidated financial plans shows the funds at an enterprise level.

Appropriation Notes:

The WTD portfolio has a number of projects whose roll-over amounts contain appropriation for many projects through their completion.

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Biennial to Date Actuals are through May 2020

2019-2020 Estimated reflects the best estimate for the biennium.

Revenues Notes:

Bond proceeds are net of issuance expenses and amounts deposited or released from the Bond Reserve Account.

¹Includes the Lower Duwamish Insurance Settlement; the funds are held by WTD pending allocation to WTD and other County agencies. These amounts are reflected in the Lower Duwamish Reserve.

Expenditure Notes:

Expenditures are based on accomplishment rates used in the 2021 Adopted Sewer Rate financial plan - Ordinance 19106. Accomplishment rate is 85% for all projects except for Georgetown and Ship Canal that are projected at 100%

Reserve Notes:

²Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

³Emergency Capital Reserve authorized by Motion 13798 on 12/11/12. To be used for unanticipated system repairs or equipment replacement in the event of a natural disaster or some unforeseen system failure.

⁴As an enterprise fund, balances in other funds may offset reserve shortfalls in one fund. In other words, the reserve shortfall in this fund does not indicate a true reserve shortfall.

WATER AND LAND RESOURCES DIVISION

MISSION

The mission of the Water and Land Resources Division (WLRD) is to protect, restore, and manage King County's water and land resources using the best available science, innovation, and collaboration with our partners and community. Protecting public health and safety and strengthening the resiliency of critical public infrastructure and natural systems are central to WLRD's mission.

OVERVIEW

The Water and Land Resources Division (WLRD) is a division of the King County Department of Natural Resources and Parks (DNRP). WLRD currently has nearly 400 employees and a biennial budget of approximately \$333 million. WLRD works closely with other King County agencies, cities, tribes, community partners, and the King County Flood Control District (FCD) to deliver services. Its employees—who include scientists, engineers, policy experts, ecologists, resource managers, community engagers, planners, and project managers—are dedicated to restoring and sustaining the region's watersheds so they can be enjoyed by all—today and for future generations.

WLRD's responsibilities include:

- Management of a stormwater utility in the unincorporated area.
- Coordination of floodplain management, including acting as service provider for the King County Flood Control District.
- Implementation of salmon recovery plans for the Water Resources Inventory Areas in King County.
- Acquisition and stewardship of significant swaths of forest, riparian, and farm land.
- Management of a group of applied scientists working for several divisions within DNRP.
- Operation of the County's Environmental Lab.
- Control and eradication of noxious weeds.
- Reduction of toxics exposure to people and the environment.

This diverse portfolio is supported by a wide array of revenue sources, which includes fees for services, interlocal agreements, federal and state grants, transfers from other County agencies for the provision of services, tax levies, and bonds.

2021-2022 Executive Proposed Operating Budget
SURFACE WATER MANAGEMENT LOCAL DRAINAGE SERVICES
(EN_A84500)

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	83,888,173	86,569,327	118.8	5.0
Base Budget Adjustments	(4,935,844)	(1,958,499)	0.2	0.0
Decision Package Adjustments	8,329,508	2,143,090	3.0	6.0
2021-2022 Executive Proposed Budget	87,281,837	86,753,918	122.0	11.0
2021-2022 Executive Proposed Ordinance	87,282,000	86,754,000	122.0	11.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_003) CADD Support for CIP programs Add one FTE authority for an Engineer I in the Stormwater Services (SWS) Capital Services Unit to meet increased demands for Computer-Aided Design and Drafting (CADD) services within the Water and Land Resources Division (WLRD). The position would be billable to capital projects and thus does not require additional funding.	(969)	0	1.0	0.0
(DS_004) Stormwater Climate Preparedness Add Engineer III and consultant budget to develop and vet a methodology for evaluating stormwater climate change impacts. The methodology will be used to assess how best to mitigate predicted impacts through capital investments, regulatory changes, and operational changes.	434,772	0	1.0	0.0
(DS_005) WLRD Data System Integration Add Business Analyst Sr, GIS Spec Sr. TLTs and Business Analyst FTE to integrate WLRD processes and data systems into established, current technologies including GIS, CRM, and SharePoint. This will allow WLRD to better integrate and analyze its data and work in order to achieve its Equity & Social Justice, Clean Water Healthy Habitat, and Best Run Government goals.	969,601	0	1.0	2.0

2021-2022 Executive Proposed Operating Budget
SURFACE WATER MANAGEMENT LOCAL DRAINAGE SERVICES
(EN_A84500)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_006) Stream Data Support and Improvements Add Environmental Scientist II TLT to repair and improve stream GIS data within priority areas of King County. Improved data accuracy will result in accurate permitting decisions, complete prioritization of fish passage barriers, better understanding of stormwater pollution's effects on aquatic ecosystems, and stronger regional collaboration.	275,611	0	0.0	1.0
(DS_007) Forest Stewardship Add a Forest Steward (Project/Program Manager I) position to increase DNRP forestry capacity to accelerate the rate of preparation of forest stewardship plans for private and County-owned lands, increase the pace of restoration of County-owned lands and support implementation of the County's forest carbon projects. All of those actions help to achieve goals outlined in the 2015 SCAP and in 2020 SCAP update.	238,075	0	0.0	1.0
(DS_009) Stormwater Planning and Community Engagement Add one-time consulting support for the King County Executive's February 2021 Stormwater Summit and related King County Stormwater Master Plan development, communications planning support, stakeholder engagement, and community engagement for Green Stormwater Infrastructure in White Center.	200,000	0	0.0	0.0
(DS_014) Land Conservation Initiative Staffing Add an Administrative Specialist II and Real Property Agent III to the Acquisition Unit to provide support for increased workload related to the Land Conservation Initiative (LCI). The positions are funded by the LCI.	459,428	0	0.0	2.0
(DS_016) Fish Passage Barrier Assessment Reappropriation Reappropriate unspent 2019-2020 one-time fish passage consulting funding in order to complete the barrier assessment and prioritization.	300,000	0	0.0	0.0
(DS_017) Fish Passage Transfer to Roads CIP Adjustment Increase SWM transfer to Roads CIP to support Fish Passage projects. This one-time adjustment to the base transfer reflects the 2021-2022 Fish Passage Program project list.	1,700,000	0	0.0	0.0
(DS_120) Central Climate Change Cost Update Adjust the share of the central climate-related costs for 2021-2022. These costs include investments to advance the Strategic Climate Action Plan (SCAP), membership fees in climate-related organizations, consulting fees, as well as central staff to help agencies across the County with climate related activities. The allocation methodology is based on greenhouse gas emissions.	(15,780)	0	0.0	0.0
Administrative Service Changes				

2021-2022 Executive Proposed Operating Budget
SURFACE WATER MANAGEMENT LOCAL DRAINAGE SERVICES
(EN_A84500)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(AC_001) Loan In and Loan Out Adjustments Adjust accounts based on the estimated hours each engineer, Capital Project Manager, or other dedicated staff is projected to charge work hours including to capital projects.	608,764	0	0.0	0.0
(AC_002) Surface Water Management Fund Transfer Adjustment Adjust Surface Water Management (SWM) transfers to Shared Services Fund for SWM-funded activities and to SWM CIP Pay-as-You-Go Fund.	2,507,813	0	0.0	0.0
(AC_004) Maintenance and Monitoring of Small Habitat Restoration Projects (SHRP) Transfer to Operating Shift a portion of SHRP funding from capital to operating to cover the cost of monitoring and maintaining past projects. The balance will remain in capital to implement new projects.	160,000	0	0.0	0.0
(AC_005) Roads Vehicle Charges Adjustment Add budget for Roads Services Division vehicles when Roads loans in to Water and Land Resources. This had been budgeted by Fleet in previous years.	568,646	0	0.0	0.0
Technical Adjustments				
(TA_010) DNRP Director's Office Overhead Allocation Adjust allocation model for the DNRP Director's Office based on division operating expenditures.	(69,540)	0	0.0	0.0
(TA_045) Overhead Cost Distribution Distribute central rates, administrative and overhead costs from central fund level to appropriate section/org unit level. Distributes Rural and Regional Services section overhead to the cost center level.	1,311,916	0	0.0	0.0
(TA_050) Revenue Adjustment Adjust revenues based on updated forecasts.	0	2,143,090	0.0	0.0
(TA_110) Net Zero Changes Revise expenditure accounts to match current spending patterns.	0	0	0.0	0.0
(TA_111) Overtime Account Adjustment Adjust overtime account to accommodate GWI, retirement, and FICA.	1,463	0	0.0	0.0
(TA_113) Vacancy Rate Adjustment Capture salary savings from employee turnover, without reducing the FTE authority, to increase the accuracy of labor budgeting for this appropriation unit and provide greater transparency.	(256,000)	0	0.0	0.0
Central Rate Adjustments	(1,064,290)	0	0.0	0.0
Total Decision Package Adjustments	8,329,508	2,143,090	3.0	6.0

2021 - 2022 Proposed Financial Plan
Surface Water Management Operating Fund / 000001211

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	9,999,353	17,609,038	17,081,119	17,318,412
Revenues				
SWM Fees	82,844,966	82,941,918	81,250,954	72,833,790
General Fund	1,800,000	1,800,000	1,800,000	1,800,000
Other Revenues	2,586,678	2,012,000	2,012,000	2,012,000
Total Revenues	87,231,644	86,753,918	85,062,954	76,645,790
Expenditures				
Operating Expenditures	(42,751,040)	(49,446,011)	(47,648,968)	(50,698,501)
Contribution to Shared Services	(9,165,317)	(9,714,975)	(9,587,320)	(10,200,908)
GO Bond- Debt Service	(2,723,298)	(2,437,611)	(2,109,768)	(2,109,768)
CIP PAYG - SWS	(8,534,450)	(8,080,240)	(7,980,120)	(7,980,120)
CIP PAYG - ERES	(7,625,854)	(7,880,000)	(7,980,120)	(7,980,120)
CIP PAYG - WLR Fish Passage	(600,000)	(1,723,000)	(3,500,000)	(3,500,000)
CIP PAYG - Roads Drainage/ROW	(3,700,000)	(3,700,000)	(3,419,365)	(2,251,789)
CIP PAYG - Roads Catch basin	(500,000)	-		
CIP PAYG - Roads Fish Passage	(4,022,000)	(4,300,000)	(2,600,000)	(2,600,000)
Total Expenditures	(79,621,959)	(87,281,837)	(84,825,661)	(87,321,206)
Estimated Underexpenditures				
Ending Fund Balance	17,609,038	17,081,119	17,318,412	6,642,996
Reserves				
Cash Flow Reserve (90 days)	(10,220,619)	(10,910,230)	(10,603,208)	(10,915,151)
Rate Stabilization Reserve	(7,388,419)	(6,170,889)	(6,715,204)	
Total Reserves	(17,609,038)	(17,081,119)	(17,318,412)	(10,915,151)
Reserve Shortfall	-	-	-	4,272,155
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Annexation and inflation assumptions are based on latest OEFA forecast and PSB's BFPA guidance.

Revenues Notes:

Reduced SWM revenues due to N Highline Y annexation in 2024, followed by West Hill in 2025, and Fairwood in 2026.

Other revenues assume average level of grant activity.

Expenditure Notes:

Operating expenditure forecast removes any one-time adds in 2021-2022; inflationary adjustments per BFPA guidance.

Contribution to Shared Services includes Department & Division overhead costs; inflationary adjustments per BFPA guidelines.

GO Bond forecast based on debt service schedule.

Transfers to various Capital (CIP) Pay-As-You-Go (PAYG) programs are broken out per the following categories of programs/projects.

Surface Water Services (SWS) - programs such as Asset Preservation, Agricultural Drainage, Natural Drainage & Water Quality.

Ecological Restoration & Engineering Services (ERES) - programs/projects that restore aquatic health, focus on salmon recovery.

WLR Fish Passage - remove barriers to fish passage towards County's goal to open upstream habitat.

Roads Drainage/Right of Way (ROW) - ongoing capital program geared towards drainage work on County's road systems.

Roads Catch basin - one-time effort during 2019-2020 to clean catch basins; funds re-allocated to Fish Passage in 2021-22 proposal.

Roads Fish Passage - remove barriers to fish passage within Roads ROW towards County's goal to open upstream habitat.

Reserve Notes:

90 Day Cash Flow Reserve is maintained per Fund's financial management policies.

Rate Stabilization Reserve - after the Cash Flow Reserve, any remaining fund balance is set aside in a Rate Stabilization Reserve. This reserve

This plan was updated by Aaron Sommer on September 1, 2020.

**2021-2022 Executive Proposed Operating Budget
WATER AND LAND RESOURCES (EN_A74100)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	75,430,707	74,619,687	192.9	2.0
Base Budget Adjustments	4,131,543	817,423	0.3	0.0
Decision Package Adjustments	(1,219,413)	5,509,202	(15.0)	2.0
2021-2022 Executive Proposed Budget	78,342,837	80,946,312	178.2	4.0
2021-2022 Executive Proposed Ordinance	78,343,000	80,947,000	178.2	4.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Water Quality Benefits Evaluation Program Add funding to enhance the tools developed in 2020 under the Water Quality Benefits Evaluation (WQBE) and evaluate additional scenarios that will inform strategic planning efforts such as the Clean Water Healthy Habitat and Stormwater Services strategic plans. This includes budget for consultant services.	500,000	0	0.0	0.0
(DS_002) Fish Passage Technical Support Add funding for a position to support development and implementation of an in lieu mitigation program that furthers fish passage restoration opportunities that result in better habitat outcomes. The work would include applying programmatic procedures to specific proposals, coordination of in lieu activities with internal and external partners, and efficient tracking and reporting of all mitigation transactions.	309,772	0	0.0	1.0
(DS_008) Fish, Farm, and Flood (FFF) Program Support Add a project manager and funding for a facilitator to allow for continued support to implement identified priorities of the FFF stakeholder process and continue to grow and develop the FFF model to tackle multi-benefit and multi-objective projects in a way that provides net gains to all three interest groups (Farm, Fish and Flood).	540,202	0	0.0	1.0

2021-2022 Executive Proposed Operating Budget
WATER AND LAND RESOURCES (EN_A74100)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_010) Training and Critical Skills Development Establish a training and development budget for Finance and Administration section to enhance the performance and technical skill set.	54,000	0	0.0	0.0
(DS_011) Harmful Algal Bloom Management Pilot Utilize existing work order contract with the consulting firm Parametrix to test the use of an unmanned aerial vehicle (drone) for management of harmful algal blooms.	40,000	0	0.0	0.0
(DS_013) LHWMP Budget Transfer and Comprehensive Plan Support Add efficiencies by shifting funding to agencies housing matrixed project managers. Provide one-time funding for contract services to support LHWMP's 2020 Comprehensive Plan update. Related to TA_002 in LHWMP.	891,000	0	0.0	0.0
(DS_015) National Estuary Program Grants Add funding for consultant services and specialized equipment necessary in 2021-2022 to complete grants received by WLR Science Section. Grant revenues will fully cover these expenditures.	450,000	450,000	0.0	0.0
(DS_120) Central Climate Change Cost Update Adjust the share of the central climate-related costs for 2021-2022. These costs include investments to advance the Strategic Climate Action Plan (SCAP), membership fees in climate-related organizations, consulting fees, as well as central staff to help agencies across the County with climate related activities. The allocation methodology is based on greenhouse gas emissions.	17,116	0	0.0	0.0
Administrative Service Changes				
(AC_001) Loan In and Loan Out Adjustments Adjust account based on the estimated hours each engineer, Capital Project Manager, or other dedicated staff is projected to charge work hours to other appropriation units, including capital projects.	334,686	0	0.0	0.0
(AC_003) Modernized Hydrologic Information Center (HIC) Data Management System Provide ongoing hosting, maintenance, and minor enhancements to the Hydrologic Information Center (HIC) database, currently being developed by an outside vendor in a project managed by KCIT. The HIC database provides streamflow and temperature data used by a variety of agencies and programs throughout DNR.	320,000	0	0.0	0.0
(AC_006) Lake Sammamish Kokanee ILA Increase budget by an inflationary factor to match the agreed ILA budget.	10,964	0	0.0	0.0
Technical Adjustments				
(TA_001) Flood Control Position Transfer Move positions approved in 2020 supplemental budget into the appropriate cost centers in the Flood Control District.	(4,379,903)	0	(15.0)	0.0

**2021-2022 Executive Proposed Operating Budget
WATER AND LAND RESOURCES (EN_A74100)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_002) Local Hazardous Waste - Salary Savings Adjustment Correct a trial run budget contra added in 2019-2020. The contra was added by the Hazardous Waste Management program to align their internal budget with WLRD Shared Services.	505,136	0	0.0	0.0
(TA_003) Hazardous Waste Offset Reduction Eliminate offset for an incorrect Department of Assessments budget entry in 2019-20.	486,570	0	0.0	0.0
(TA_004) Librarian Budget Move Move non-labor budget for subscriptions and supplies related to the Water and Land librarian to the Science section.	0	0	0.0	0.0
(TA_010) DNRP Director's Office Overhead Allocation Adjust allocation model for the DNRP Director's Office based on division operating expenditures.	(138,172)	0	0.0	0.0
(TA_045) Overhead Cost Distribution to WLRD Funds Distribute central rates, administrative and overhead costs from central fund level to appropriate section/org unit level. Distributes Rural and Regional Services section overhead to the cost center level.	4	0	0.0	0.0
(TA_050) Revenue Updates (Non-Fee Increase Related) Adjust revenues based on updated forecasts.	0	5,059,202	0.0	0.0
(TA_110) Net Zero Changes Revise expenditure accounts to match current spending patterns.	0	0	0.0	0.0
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	2,950	0	0.0	0.0
(TA_113) Vacancy Rate Adjustment Capture salary savings from employee turnover, without reducing the FTE authority, to increase the accuracy of labor budgeting for this appropriation unit and provide greater transparency.	(129,000)	0	0.0	0.0
Central Rate Adjustments	(1,034,738)	0	0.0	0.0
Total Decision Package Adjustments	(1,219,413)	5,509,202	(15.0)	2.0

2021 - 2022 Proposed Financial Plan
Water & Land Resources - Shared Services / 000001210

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	477,188	746,337	849,812	849,812
Revenues				
Wastewater Treatment Division (WTD)	32,263,312	34,075,675	34,917,011	37,151,700
Surface Water Management Fund	15,167,181	17,587,733	16,886,080	17,966,789
Hazardous Waste Management Program	13,165,574	14,944,958	15,024,428	15,985,991
Flood Control District	2,244,735	2,507,820	2,580,711	2,745,877
Noxious Weeds Fund	740,104	679,382	697,601	742,247
Grants/Other Revenues	8,381,297	11,150,744	10,700,744	11,385,592
Total Revenues	71,962,203	80,946,312	80,806,575	85,978,196
Expenditures				
Environmental Lab	(26,538,475)	(28,571,990)	(30,000,589)	(31,920,627)
Science and Technical Services	(14,152,097)	(16,518,478)	(16,829,902)	(17,907,016)
Hazardous Waste Management Program	(12,675,916)	(14,658,980)	(15,024,428)	(15,985,991)
Regional Services	(7,572,779)	(8,201,967)	(8,040,662)	(8,555,264)
Division administration & support	(8,261,703)	(10,391,422)	(10,910,994)	(11,609,298)
Total Expenditures	(69,200,970)	(78,342,837)	(80,806,575)	(85,978,196)
Estimated Underexpenditures				
Other Fund Transactions				
Estimated True-up adjustment	(2,492,084)	(2,500,000)		
Total Other Fund Transactions	(2,492,084)	(2,500,000)	-	-
Ending Fund Balance	746,337	849,812	849,812	849,812
Reserves				
Estimated Expenditure Reserve(s)	(746,337)	(849,812)	(849,812)	(849,812)
Total Reserves	(746,337)	(849,812)	(849,812)	(849,812)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenues and expenditures inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

Beginning Balance is consistent with the fund balance reported by FBOD and matches EBS GL_30 report.

Wastewater Treatment Division (WTD) revenue pays for services provided by Environmental Lab and Science & Technical Services.

Surface Water Management pays for County's share of Regional programs, Science and Technical Services and the Environmental Lab;

includes its proportional share of Division's administration and support functions.

Local Hazardous Waste Management Program is a multi-agency program, administered by Public Health as its fiscal agent. The revenues pay for WLRD's share of staff, supplies, equipment, overhead and any other related costs.

Flood Control District pays for its proportional share of Division's administration and support functions.

Noxious Weed Control pays for its proportional share of Division's administration and support functions.

Other Revenue includes federal, state and local grants, contracts for services with other agencies and jurisdictions, and revenue-backed contingency. This also includes the large increase in the Flood Control District's (FCD) Cooperative Watershed Management (CWM) grant program.

Expenditure Notes:

One-time expenditures proposed in 2021-22 are excluded from 2023-24 prior to applying inflation per PSB's BFPA guidance.

Regional Services includes Regional & Rural Service Section management and support functions, County's support towards Water Resource Inventory Areas (WRIA), King Conservation District (KCD), and Groundwater management system.

Division administration and support includes Division leadership, Finance and Human Resources functions; Also includes Fish Passage program management and revenue-backed contingency for unforeseen needs or events e.g. West Point.

Other Fund transactions:

True-up process accounts for any variances from budget, and makes appropriate adjustments (credit/charge) to balance the fund.

Reserve Notes:

As a pass-thru fund, there is no reserve requirement per Fund's financial management policies.

Expenditure reserve accounts for underexpenditures in WRIs, and it is held within the fund to address future needs as guided by the WRIA management committees.

This plan was updated by Aaron Sommer on September 1, 2020.

**2021-2022 Executive Proposed Operating Budget
NOXIOUS WEED CONTROL PROGRAM (EN_A38400)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	9,028,580	8,232,275	19.3	0.0
Base Budget Adjustments	49,358	27,727	0.7	0.0
Decision Package Adjustments	623,022	86,327	0.0	0.0
2021-2022 Executive Proposed Budget	9,700,960	8,346,329	20.0	0.0
2021-2022 Executive Proposed Ordinance	9,701,000	8,347,000	20.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Administrative Service Changes				
(AC_001) Loan In and Loan Out Adjustments Adjust account based on the estimated hours each engineer, Capital Project Manager, or other dedicated staff is projected to charge work hours to other appropriation units, including capital projects.	121,834	0	0.0	0.0
Technical Adjustments				
(TA_010) DNRP Director's Office Overhead Allocation Adjust allocation model for the DNRP Director's Office based on division operating expenditures.	2,664	0	0.0	0.0
(TA_045) Overhead Cost Distribution to WLRD Funds Distribute central rates, administrative and overhead costs from central fund level to appropriate section/org unit level. Distributes Rural and Regional Services section overhead to the cost center level.	329,762	0	0.0	0.0
(TA_050) Revenue Updates (Non-Fee Increase Related) Adjust revenues based on updated forecasts.	0	86,327	0.0	0.0
(TA_110) Net Zero Adjustments Revise expenditure accounts to match current spending patterns.	0	0	0.0	0.0

2021-2022 Executive Proposed Operating Budget
NOXIOUS WEED CONTROL PROGRAM (EN_A38400)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	1,636	0	0.0	0.0
Central Rate Adjustments	167,126	0	0.0	0.0
Total Decision Package Adjustments	623,022	86,327	0.0	0.0

**2021 - 2022 Proposed Financial Plan
Noxious Weed Control / 000001311**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	1,079,617	2,024,637	670,006	(476,968)
Revenues				
Noxious Weed Fee	7,924,999	7,977,829	8,074,923	8,173,729
Grants/Other	307,276	368,500	307,276	307,276
Total Revenues	8,232,275	8,346,329	8,382,199	8,481,005
Expenditures				
Salary & Benefits	(4,102,153)	(4,276,738)	(4,490,575)	(4,777,972)
Project HeLP	(690,564)	(1,920,000)	(1,770,000)	(1,720,000)
Supplies and Other Services	(395,532)	(367,462)	(300,000)	(300,000)
Operational contingency		(500,000)	(200,000)	(200,000)
Division Support	(740,104)	(1,009,144)	(1,059,601)	(1,124,237)
County/Department Support	(1,358,902)	(1,627,616)	(1,708,997)	(1,813,246)
Total Expenditures	(7,287,255)	(9,700,960)	(9,529,173)	(9,935,455)
Estimated Underexpenditures				
Other Fund Transactions				
Total Other Fund Transactions	-	-	-	-
Ending Fund Balance	2,024,637	670,006	(476,968)	(1,931,418)
Reserves				
Rainy Day Reserve (30 day)	(303,636)	(414,730)	(408,099)	(425,710)
Rate Stabilization Reserve	(1,721,001)	(255,276)		
Total Reserves	(2,024,637)	(670,006)	(408,099)	(425,710)
Reserve Shortfall	-	-	885,067	2,357,128
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches *2021-2022 Estimated*.

Outyear revenues and expenditures inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

Noxious Weed Fee revenues are based on forecasted parcel growth by the Assessor's office - 0.60% annually in 2021-2022, 0.61% annually from 2023 to 2026

Expenditure Notes:

2019-20 Estimated reflects underexpenditures related to delays in contracting process in 2019; COVID-19 in 2020.

Project HeLP expenditures include contracted work crews and related supplies; Noxious Weed staff supporting Project HeLP are included in Salary and Benefits. Increased spending is due to the 2019-2020 fee increase.

Division support includes proportional share of administration and support functions at the Division and Section level.

County/Department support includes proportional share of overhead costs such as KCIT, FMD and other services.

Budget includes 5% contingency reserve to address unforeseen operational issues.

Reserve Notes:

30 Day Rainy Day reserve is maintained per Fund's financial management policies.

This plan was updated by Aaron Sommer on September 1, 2020.

2021-2022 Executive Proposed Operating Budget
KING COUNTY FLOOD CONTROL CONTRACT(EN_A56100)

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	243,295,830	243,295,830	54.0	4.0
Base Budget Adjustments	(107,550,026)	(106,209,680)	0.0	(4.0)
Decision Package Adjustments	3,543,216	2,988,830	16.0	0.0
2021-2022 Executive Proposed Budget	139,289,020	140,074,980	70.0	0.0
2021-2022 Executive Proposed Ordinance	139,290,000	140,075,000	70.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_012) Floodplain Management Community Engagement Specialist				
Add a community engagement specialist to augment outreach and communications support for the District's capital program and programmatic flood risk reduction efforts.	339,474	0	1.0	0.0
Administrative Service Changes				
(AC_001) Loan In and Loan Out Adjustments				
Adjust account based on the estimated hours each engineer, Capital Project Manager, or other dedicated staff is projected to charge work hours to other appropriation units, including capital projects.	(1,395,470)	0	0.0	0.0
(AC_005) Roads Vehicle Charges				
Add budget for Road Services Division vehicles when Roads loans in to Water and Land Resources. This had been budgeted by Fleet in previous years.	145,446	0	0.0	0.0
Technical Adjustments				
(TA_001) FTE Transfer to River and Flood Control Management				
Transfer positions approved in 2020 supplemental from Water and Land Shared Services to the King County Flood Control District. Related to TA_001 in WLRD Shared Services.	4,379,903	0	15.0	0.0

2021-2022 Executive Proposed Operating Budget
KING COUNTY FLOOD CONTROL CONTRACT(EN_A56100)

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_010) DNRP Director's Office Overhead Allocation Adjust the allocation model for the DNRP Director's Office based on division operating expenditures.	(77,636)	0	0.0	0.0
(TA_045) Overhead Cost Distribution to WLRD Funds Distribute central rates, administrative and overhead costs from central fund level to appropriate section/org unit level.	243,910	0	0.0	0.0
(TA_050) Revenue Updates (Non-Fee Increase Related) Adjust revenues based on updated forecasts.	0	2,988,830	0.0	0.0
(TA_111) Overtime Account Adjustment Adjust overtime account to accommodate GWI, retirement, and FICA.	(1,023)	0	0.0	0.0
Central Rate Adjustments	(91,388)	0	0.0	0.0
Total Decision Package Adjustments	3,543,216	2,988,830	16.0	0.0

2021 - 2022 Proposed Financial Plan
Flood Control District - Operating Contract Fund / 000001561

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	(4,207)	-	785,961	-
Revenues				
Flood Control Reimbursement	18,024,333	23,740,707	23,316,521	25,624,898
Inter-County River Improvement Fund	96,200	-		
Miscellaneous	185,240	-		
Capital Program Revenues	81,353,495	116,334,274	119,824,302	123,419,031
Total Revenues	99,659,268	140,074,981	143,140,823	149,043,929
Expenditures				
Annual Maintenance	(3,418,772)	(2,985,628)	(3,134,909)	(3,335,543)
Flood Technical Services	(1,643,397)	(3,491,322)	(3,665,888)	(3,900,505)
Flood Hazards Plan, Grants, Outreach	(1,104,266)	(2,068,341)	(2,171,758)	(2,310,751)
Flood Warning Center	(1,492,410)	(410,530)	(431,057)	(458,645)
Overhead / Central Costs	(6,045,327)	(6,394,809)	(6,714,549)	(7,124,136)
Program Implementation	(1,128,097)	(3,183,229)	(3,342,390)	(3,556,303)
Program Management, Finance, Admin	(3,444,540)	(4,420,887)	(4,641,931)	(4,939,015)
Total Expenditures	(18,276,809)	(22,954,746)	(24,102,482)	(25,624,898)
Estimated Underexpenditures				
Other Fund Transactions				
Capital Fund Expenditures	(81,378,252)	(116,334,274)	(119,824,302)	(123,419,031)
2019-20 Capital Carryover				
Total Other Fund Transactions	(81,378,252)	(116,334,274)	(119,824,302)	(123,419,031)
Ending Fund Balance	-	785,961	-	-
Reserves				
Total Reserves	-	(785,961)	-	-
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2021-2022 Proposed Budget ties to PBCS and matches 2021-2022 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenues Notes:

FCD revenues intended to reimburse the FCD Capital Contract fund 3571 for expenditures incurred.

Expenditure Notes:

The total budget request is equal to Operating and Capital Fund Expenditures.

Capital expenditures reflect proposed appropriation in each biennium based on the proposed CIP in June 2020.

Reserve Notes:

This fund operates on a reimbursement basis. Flood Control District practice has been to keep all reserves in the District fund (190010010) and reimburse the County's contract fund for all expenditures not covered by other revenue sources.

This plan was updated by Aaron Sommer on September 1, 2020.

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3151 CONSERV FUTURES SUB-FUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3151 CONSERV FUTURES SUB-FUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1047150	WLCF FINANCE DEPT FND CHRG STANDALONE			\$99,531	\$105,592	\$112,023	\$317,146
1047152	WLCF CFL PROGRAM SUPPORT STANDALONE			\$810,662	\$855,897	\$908,021	\$2,574,580
1047194	WLCF KC LWR CDR R CNSRVTN ARA STANDALONE			\$0	\$0	\$0	\$0
1047220	WLCF KC CFT LCI SUPPORT STANDALONE			\$267,152	\$282,058	\$299,236	\$848,446
1047227	WLCF BEL BELLEVUE GRNWY&OS STANDALONE			\$0	\$0	\$0	\$0
1112176	WLCF KC BASS/BEAVER PLUM CREEK STANDALONE			\$0	\$0	\$0	\$0
1113919	WLCF KC PATTERSON CREEK STANDALONE			\$0	\$0	\$0	\$0
1116224	WLCF KC SNOQUALMIE REC PART STANDALONE			\$0	\$0	\$0	\$0
1116231	WLCF KC BEAR CK WATERWAYS STANDALONE			\$150,000	\$0	\$0	\$150,000
1116241	WLCF KC Wetland 14 / Spring LK STANDALONE			(\$5,000)	\$0	\$0	(\$5,000)
1116264	WLCF KC MASTER STANDALONE			\$11,722,154	\$19,928,877	\$19,055,452	\$50,706,483
1122034	WLCF COV South Covington Park STANDALONE			\$165,000	\$0	\$0	\$165,000
1122038	WLCF WVL Little Bear Creek STANDALONE			(\$57,500)	\$0	\$0	(\$57,500)
1122060	WLCF KC COTTAGE&COLD CREEK NA STANDALONE			\$0	\$0	\$0	\$0
1123828	WLCF KC MITCHELL HILL FOR ADD STANDALONE			\$740,000	\$0	\$0	\$740,000
1123830	WLCF KC SOUTH FORK SKYKOMISH STANDALONE			(\$57,700)	\$0	\$0	(\$57,700)

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3151 CONSERV FUTURES SUB-FUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3151 CONSERV FUTURES SUB-FUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1123835	WLCF KC BOISE CRK RESTORATN STANDALONE			\$390,000	\$0	\$0	\$390,000
1126728	WLCF KRK JUANITA HGTS PK/CK STANDALONE			\$0	\$0	\$0	\$0
1126743	WLCF KC GR LWR NEWAUKUM CK STANDALONE			\$1,119,441	\$0	\$0	\$1,119,441
1126744	WLCF KC GR MID NEWAUKUM SP CK STANDALONE			\$0	\$0	\$0	\$0
1126745	WLCF KC GR REGREENING GREEN STANDALONE			(\$90,712)	\$0	\$0	(\$90,712)
1129237	WLCF SEA MAGNOLIA GREENBELT STANDALONE			(\$40,000)	\$0	\$0	(\$40,000)
1129238	WLCF SEA NTH BEACH NAT AREA STANDALONE			\$250,000	\$0	\$0	\$250,000
1129252	WLCF KC SNOQUALMIE FOREST STANDALONE			\$0	\$0	\$0	\$0
1129255	WLCF KC LWR CEDAR/MTH TAY STANDALONE			\$0	\$0	\$0	\$0
1129267	WLCF KC PINER POINT NAT AREA STANDALONE			\$0	\$0	\$0	\$0
1129269	WLCF KC FARMLAND ENUM APD/TDR STANDALONE			(\$700,000)	\$0	\$0	(\$700,000)
1129314	WLCF AUB WATTS PROPERTY STANDALONE			\$0	\$0	\$0	\$0
1132070	WLCF KNT MCSORLEY CK WTLAND STANDALONE			\$184,000	\$0	\$0	\$184,000
1132081	WLCF SEA NORTHGATE UCP STANDALONE			(\$100,000)	\$0	\$0	(\$100,000)
1132090	WLCF KC ELLIOTT BDG REACH STANDALONE			\$0	\$0	\$0	\$0
1132093	WLCF KC POINT HEYER STANDALONE			\$0	\$0	\$0	\$0
1133802	WLCF KEN SWAMP CREEK STANDALONE			\$0	\$0	\$0	\$0

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3151 CONSERV FUTURES SUB-FUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3151 CONSERV FUTURES SUB-FUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1133806	WLCF SEA COLLEGE ST RAVINE ADD STANDALONE			(\$300,000)	\$0	\$0	(\$300,000)
1133807	WLCF SEA DUWAMISH WATERWAY PK STANDALONE			(\$15,000)	\$0	\$0	(\$15,000)
1133813	WLCF KC THREE FORKS NA ADD STANDALONE			\$70,812	\$0	\$0	\$70,812
1133814	WLCF KC CEDAR RIVER OPP FUND STANDALONE			\$0	\$0	\$0	\$0
1133816	WLCF KC MOLASSES CREEK STANDALONE			\$0	\$0	\$0	\$0
1133819	WLCF KC SNOQUALMIE VALLEY FARM STANDALONE			\$0	\$0	\$0	\$0
1133820	WLCF KC VASHON MAURY ISL FARM STANDALONE			\$0	\$0	\$0	\$0
1134923	WLCF KC MASTER 2020 BOND PROGRAMMATIC			\$0	\$0	\$0	\$0
1134983	WLCF KC CFT DEBT SERVICE PYMTS STANDALONE			\$20,006,387	\$24,637,180	\$27,502,671	\$72,146,238
1136799	WLCF COV JENKINS CK PK EXP STANDALONE			\$420,000	\$0	\$0	\$420,000
1136836	WLCF KIR CEDAR CK KC PARCEL STANDALONE			\$30,000	\$0	\$0	\$30,000
1136845	WLCF KC URB GSPC WHITE CT (MW) STANDALONE			\$0	\$0	\$0	\$0
1136846	WLCF KC VASHON MARINE SHORE STANDALONE			\$0	\$0	\$0	\$0
1136847	WLCF KC VASH STREAMS & ESTS STANDALONE			\$0	\$0	\$0	\$0
1136849	WLCF SEA DUWAM UNITY EL (MW) STANDALONE			\$15,000	\$0	\$0	\$15,000
1137238	WLCF KC MASTER 2021 BOND PROGRAMMATIC			\$0	\$0	\$0	\$0
1138551	WLCF SHO 185TH ST OS ACQ STANDALONE			\$18,100	\$0	\$0	\$18,100

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3151 CONSERV FUTURES SUB-FUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3151 CONSERV FUTURES SUB-FUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1138552	WLCF KC EVANS CK/EN TDR STANDALONE			\$117,000	\$0	\$0	\$117,000
1138967	WLCF NP FOR FW KILWORTH EN ED STANDALONE			\$1,000,000	\$0	\$0	\$1,000,000
1138968	WLCF NP FOR KEN ARROWHEAD STANDALONE			\$2,000,000	\$0	\$0	\$2,000,000
1138969	WLCF KC E/SIDE RAIL RENTON EXT STANDALONE			\$1,500,000	\$0	\$0	\$1,500,000
1138970	WLCF LFP LAKE FRONT PROP ACQ STANDALONE			\$950,000	\$0	\$0	\$950,000
1138971	WLCF STC DES MOINES PK STANDALONE			\$500,000	\$0	\$0	\$500,000
1138972	WLCF SEA EDG BRICK PITS (MW) STANDALONE			\$1,000,000	\$0	\$0	\$1,000,000
1138974	WLCF SEA LAKERIDGE PK ADD STANDALONE			\$275,000	\$0	\$0	\$275,000
1138975	WLCF KC COUGAR MTN ADD STANDALONE			\$800,000	\$0	\$0	\$800,000
1138976	WLCF KC EASTRAIL WOODINVILLE STANDALONE			\$50,000	\$0	\$0	\$50,000
1138977	WLCF KC HOLLYWOOD HILLS F&P STANDALONE			\$400,000	\$0	\$0	\$400,000
1138978	WLCF KC MCGARVEY PK OS ADD STANDALONE			\$250,000	\$0	\$0	\$250,000
1138979	WLCF KC SKYWAY WEST HILL UG STANDALONE			\$100,000	\$0	\$0	\$100,000
1138980	WLCF KC VASHON TAX TITLE PROP STANDALONE			\$25,000	\$0	\$0	\$25,000
1139013	WLCF KC MASTER 2022 BOND STANDALONE			\$25,000,000	\$0	\$0	\$25,000,000
3151 - CONSERV FUTURES SUB-FUND		Total		\$69,059,327	\$45,809,604	\$47,877,403	\$162,746,334
Grand Total				\$69,059,327	\$45,809,604	\$47,877,403	\$162,746,334

2021-2022 Proposed Financial Plan
Conservation Futures Levy / 000003151

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	11,356,493	-	11,356,493	-	-
Conservation Futures Levy Current		43,582,927	43,582,927	45,509,606	47,577,403
Bond Proceeds	46,199,305	25,000,000	71,199,305	20,000,000	20,000,000
Interest Income		90,000	90,000	200,000	200,000
Other Revenue		386,400	386,400	100,000	100,000
	-				
Total Capital Revenue	\$ 57,555,798	\$ 69,059,327	\$ 126,615,125	\$ 65,809,606	\$ 67,877,403
Capital Appropriation:					
Acquisitions and Relocations	(57,555,798)	(69,059,327)	(126,615,125)	(65,809,606)	(67,877,403)
	-	-	-	-	-
	-	-	-	-	-
Total Capital Appropriation	\$ (57,555,798)	\$ (69,059,327)	\$ (126,615,125)	\$ (65,809,606)	\$ (67,877,403)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	22,931,146	22,931,146	-	15,623,744	-	11,158,171
Capital Funding Sources						
Conservation Futures Levy Current	31,445,241	41,656,766	-	43,582,927	45,509,606	47,577,403
Residual Funds From Debt Service Fund	5,742,029	5,742,029	-	-	-	-
Bond Proceeds	-	13,800,695	-	36,969,105	44,230,200	20,000,000
Interest Income	818,333	840,908	-	90,000	200,000	200,000
Other Revenue	22,509	100,000	-	386,400	100,000	100,000
Interfund Loan			-	9,875,142		
Total Capital Revenue	\$ 38,028,112	\$ 62,140,398	\$ -	\$ 90,903,574	\$ 90,039,806	\$ 67,877,403
Capital Expenditures						
Acquisitions and Relocations	(10,584,248)	(24,116,865)	-	(39,520,931)	(24,244,455)	(15,649,942)
Acquisitions and Relocations - Bond	(12,500,000)	(28,000,000)	-	(47,000,000)	(30,000,000)	(20,000,000)
Debt Service Payments	(14,723,013)	(17,330,935)	-	(20,006,387)	(24,637,180)	(27,502,671)
		-	-			
Total Capital Expenditures	\$ (37,807,261)	\$ (69,447,800)	\$ -	\$ (106,527,318)	\$ (78,881,635)	\$ (63,152,613)
Other Fund Transactions						
		-	-	-		
		-	-	-		
Ending Fund Balance	\$ 23,151,997	\$ 15,623,744	\$ -	\$ -	\$ 11,158,171	\$ 15,882,961
Fund Balance designated to current projects	\$ (22,901,997)	\$ (11,356,493)	\$ -	\$ -	\$ (11,158,171)	\$ (15,882,961)
Reserves						
Reserve For Future Allocations		(4,177,481)				
Cash Flow Reserve(s)	(250,000)	(250,000)				
Total Reserves	\$ (250,000)	\$ (4,427,481)	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	160,230	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes**CIP Budget Notes:**

2019-2020 Carryover column reflects the best estimate of the inception to date budget balances at the end of the 2019-2020 biennium.

2021-2022 Proposed Budget is aligned with 2021-2022 executive proposed biennial budget.

Outyear budget estimates are consistent with executive proposed budget estimates for outyears.

Financial Position Notes:

2019-2020 Biennial-to-Date Actuals reflects actual revenues and expenditures as of 06/10/2020, using EBS report GL_010. The beginning fund

2019-2020 Estimated reflects updated revenue and expenditure estimates as of 06/29/2020.

2021-2022 Estimated reflects updated revenue and expenditure estimates as of 06/29/2020.

Outyear revenue and spending estimates are based on current revenue estimates and project spending plans.

Residual conservation futures funds from the dissolution of the central debt service fund - one time occurrence.

Bonds will be issued on a reimbursable basis - projected at 2020 \$12.5M, 2021 \$15.5M, 2022 \$22.8M, 2023 \$24.2M, 2024 \$20M, 2025 \$10M, 2026

Other Revenue includes: Sale of Tax Title Property, and Private Timber Harvest Tax. Residual Balance Fund 3521 1989 Bond Fund closure \$286K

In the short-term there will be interfund borrowing to cover any cash shortfall in the fund due to reimbursable bonds. See footnote 12.

Other Notes:

Other fund transactions include accounting adjustments to balance to budgetary fund balance.

Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects

Cash flow reserve due to revenue fluctuations and debt service assumptions. This fund will undergo reconciliation at the close of 2020. Any

This plan was updated by Veronica Doherty on 09/08/2020.

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3292 SWM CIP NON-BOND SUBFUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3292 SWM CIP NON-BOND SUBFUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1033882	WLER ECO RESTORE & PROTECT PROGRAMMATIC	✓		(\$1,145,000)	\$0	\$0	(\$1,145,000)
1034167	WLER WRIA 7 ECOSYSTEM RESTORATN PROGRAMMATIC	✓		(\$6,925,327)	\$0	\$0	(\$6,925,327)
1034171	WLER WRIA8 ECOSYSTEM RESTORATN PROGRAMMATIC	✓		(\$17,496,259)	\$0	\$0	(\$17,496,259)
1034245	WLER WRIA9 ECOSYSTEM RESTORATN PROGRAMMATIC	✓		(\$6,587,269)	\$0	\$0	(\$6,587,269)
1034280	WLER WRIA10 ECOSYSTEM RESTORATN PROGRAMMATIC	✓		(\$200,000)	\$0	\$0	(\$200,000)
1034282	WLER VASHON ECOSYSTEM RESTORAT PROGRAMMATIC	✓		(\$850,000)	\$0	\$0	(\$850,000)
1034287	WLER SMALL HABITAT RESTORATION PROGRAMMATIC	✓		(\$75,000)	\$0	\$0	(\$75,000)
1048135	WLSWC SUPPORT TO OTHERS PGM PROGRAMMATIC	✓		\$24,752	\$0	\$0	\$24,752
1048364	WLSWCND NEIGHBORHOOD DRN ASST PROGRAMMATIC	✓		(\$82,441)	\$0	\$0	(\$82,441)
1111168	WLFAC CAPITAL PROJECT OVERSIGH ADMIN			\$22,407	\$0	\$0	\$22,407
1114123	WLER PORTER LEVEE SETBACK STANDALONE	✓		(\$640,220)	\$0	\$0	(\$640,220)
1114197	WLSWC STEWSHP WQ COST SHRE STANDALONE	✓		(\$55,622)	\$0	\$0	(\$55,622)
1117559	WLSWC FAIRWOOD 11 PIPE PHASE 2 STANDALONE	✓		(\$86,706)	\$0	\$0	(\$86,706)
1119894	WLSWCAD ADAP AG DRAINAGE PRGM PROGRAMMATIC	✓		\$22,727	\$0	\$0	\$22,727
1123571	WLER Riverbend Restoration STANDALONE	✓		\$17,436,259	\$0	\$0	\$17,436,259

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3292 SWM CIP NON-BOND SUBFUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3292 SWM CIP NON-BOND SUBFUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1123577	WLER Frew Floodplain Reconnect STANDALONE	✓		\$4,005,048	\$0	\$0	\$4,005,048
1129370	WLSWC STEWARDSHIP WATERQUALITY STANDALONE			\$130,622	\$150,000	\$150,000	\$430,622
1129371	WLSWC GENERAL PROGRAMMATIC			\$307,896	\$396,550	\$420,699	\$1,125,145
1129379	WLSWCFS FEASIBILITY STUDIES PROGRAMMATIC			\$30,448	\$649,639	\$731,174	\$1,411,261
1129380	WLSWCAD AGRICULTURE DRAINAGE PROGRAMMATIC			\$1,600,000	\$1,600,000	\$1,600,000	\$4,800,000
1129381	WLSWCND NEIGHBORHOOD DRAINAGE PROGRAMMATIC			\$125,000	\$125,000	\$125,000	\$375,000
1129383	WLSWCDF NATURAL DRAINAGE FLOOD PROGRAMMATIC			\$1,351,315	\$1,793,920	\$1,793,920	\$4,939,155
1129385	WLSWCWQ WATER QUALITY PROGRAMMATIC			\$1,021,950	\$1,000,000	\$1,000,000	\$3,021,950
1129388	WLSWCA ASSET PRESERVATION PROGRAMMATIC			(\$374,305)	\$1,989,795	\$2,459,447	\$4,074,937
1129460	WLER FUND GRANT CONTINGENCY STANDALONE			\$32,000,000	\$32,000,000	\$32,000,000	\$96,000,000
1129530	WLER EMERGENT NEED CONTINGENCY STANDALONE			\$200,000	\$200,000	\$200,000	\$600,000
1131433	WLSWCA D93059 ROSEMONT POND STANDALONE			\$1,972,000	\$63,797	\$0	\$2,035,797
1132786	WLER Lones Levee Setback STANDALONE	✓		\$5,813,593	\$0	\$0	\$5,813,593
1133734	WLER Carbon Sequestration Prog STANDALONE			\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
1133842	WLER FALL CITY RESTORATION STANDALONE			\$2,784,279	\$0	\$0	\$2,784,279
1135075	WLER FISH PASSAGE PROGRAM PROGRAMMATIC			\$1,723,000	\$3,500,000	\$3,500,000	\$8,723,000

Ordinance Attachment by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3292 SWM CIP NON-BOND SUBFUND, Cap Status: All, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3292 SWM CIP NON-BOND SUBFUND							
Project Number	Project Name Class Code	Tech Adj	IT Proj	FY21-22	FY23-24	FY25-26	Total 6-Year Budget
1135512	WLER MCSORLEY CREEK STANDALONE	✓		\$1,150,000	\$561,539	\$50,000	\$1,761,539
1138813	WLER WRIA 9 RESTORATION PROGRAMMATIC			\$1,820,000	\$1,670,000	\$1,670,000	\$5,160,000
1138814	WLER WRIA 8 RESTORATION PROGRAMMATIC			\$980,000	\$920,000	\$920,000	\$2,820,000
1138815	WLER WRIA 7 RESTORATION PROGRAMMATIC			\$1,146,000	\$855,000	\$855,000	\$2,856,000
1138816	WLER WRIA 10 RESTORATION PROGRAMMATIC			\$350,000	\$100,000	\$100,000	\$550,000
1138817	WLER VASHON RESTORATION PROGRAMMATIC			\$1,660,000	\$1,310,000	\$1,310,000	\$4,280,000
1138818	WLER SMALL HABITAT PROGRAM PROGRAMMATIC			\$625,000	\$550,000	\$550,000	\$1,725,000
1138819	WLER ADAPTIVE MGMT PROGRAMMATIC			\$510,000	\$150,000	\$150,000	\$810,000
1138820	WLER RECON/SITE ASSESSMENT PROGRAMMATIC			\$650,000	\$600,000	\$600,000	\$1,850,000
1138821	WLER DEMO/SITE SECURITY PROGRAMMATIC			\$1,650,000	\$1,200,000	\$1,200,000	\$4,050,000
1138822	WLER ACQUISITION OPPORTUNITY PROGRAMMATIC			\$75,000	\$75,000	\$75,000	\$225,000
1139268	WLSWCA MADSEN 0305 BASIN RETRO STANDALONE			\$1,100,000	\$0	\$0	\$1,100,000
3292 - SWM CIP NON-BOND SUBFUND		Total		\$48,769,147	\$52,460,240	\$52,460,240	\$153,689,627
Grand Total				\$48,769,147	\$52,460,240	\$52,460,240	\$153,689,627

2021-2022 Proposed Financial Plan
Surface Water Management Non-Bond / 000003292

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	20,371,242	-	20,371,242	-	-
SWM Operating Transfer	-	17,683,240	17,683,240	19,460,240	19,460,240
Grant, ILA, Other	22,419,262	31,085,907	53,505,169	33,000,000	33,000,000
Total Capital Revenue	\$ 42,790,504	\$ 48,769,147	\$ 91,559,651	\$ 52,460,240	\$ 52,460,240
Capital Appropriation:					
Stormwater Services Capital	(13,326,758)	(7,264,926)	(20,591,684)	(9,580,240)	(9,580,240)
Ecological Restoration Capital	(29,263,053)	(45,653,790)	(74,916,843)	(39,380,000)	(39,380,000)
Fish Passage	(200,693)	(1,723,000)	(1,923,693)	(3,500,000)	(3,500,000)
Technical Adjustment	-	5,872,569	5,872,569	-	-
Total Capital Appropriation	\$ (42,790,504)	\$ (48,769,147)	\$ (91,559,651)	\$ (52,460,240)	\$ (52,460,240)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	11,146,698	11,146,698	-	20,371,242	15,109,620	19,028,849
Capital Funding Sources						
SWM Operating Transfer	9,272,579	16,760,304	-	17,683,240	19,460,240	19,460,240
Grant, ILA, Other	5,876,015	20,243,963	-	31,127,396	33,000,000	33,000,000
	-	-	-	-	-	-
	-	-	-	-	-	-
Total Capital Revenue	\$ 15,148,594	\$ 37,004,267	\$ -	\$ 48,810,636	\$ 52,460,240	\$ 52,460,240
Capital Expenditures						
Stormwater	(4,764,339)	(9,404,052)	-	(10,680,971)	(8,763,229)	(8,636,652)
Ecological Restoration	(7,188,403)	(17,981,464)	-	(41,467,594)	(36,277,782)	(33,344,647)
Fish Passage	(36,966)	(399,307)	-	(1,923,693)	(3,500,000)	(3,500,000)
Total Capital Expenditures	\$ (11,989,708)	\$ (27,784,823)	\$ -	\$ (54,072,258)	\$ (48,541,011)	\$ (45,481,299)
Other Fund Transactions	5,100	5,100				

			-	-	-		
Ending Fund Balance	\$ 14,310,685	\$ 20,371,242	\$ -	\$ 15,109,620	\$ 19,028,849	\$ 26,007,790	
Fund Balance designated to current projects*	\$ (14,310,685)	\$ (20,371,242)	\$ -	\$ (15,109,620)	\$ (19,028,849)	\$ (26,007,790)	
Reserves							
Cash Flow							
Total Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Projected Shortfall	-	-	-	-	-	-	
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

Financial Plan Notes

CIP Budget Notes:

All financial plans have the following assumptions, unless otherwise noted in below rows.

2019-2020 Estimated Ending Balance reflects the estimated Inception to Date (ITD) budget balances and actual balances after 2019 is closed.

2021-2022 Proposed Budget is consistent with PIC for Executive Proposed Budget.

2021-2022 Total Budget sums the 2021-2022 Estimated Ending Balance Budget and the 2021-2022 Proposed.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Ordinance Attachment by Fund report in PIC, with exceptions explicitly noted.

Revenue Notes: Revenues shown are equal to the budgeted expenditure. Revenues include new revenue and fund balance designated to projects.

Appropriation Notes:

Technical adjustments are related to the ongoing cleanup effort in the SWM 3292 capital fund - closing old programmatic projects and transferring subprojects to standalone.

CIP Fund Financial Position:

All financial plans have the following assumptions, unless otherwise noted in below rows.

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month.

2019-2020 Actuals reflect 2019-2020 amounts in EBS.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenue Notes:

Revenues shown assume no increase in the Surface Water Management Fee.

Expenditure Notes:

2021-2022 Fish passage expenditures are based on the current list of projects and allocations. Funding for out years assumes an ongoing level of allocation per PSB guidance, which may change based on prioritization of projects in the future.

Reserve Notes:

* Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

Data pulled from Oracle EBS and PRISM Project Management by Kristin Cline

Updated Aug 31, 2020 by Kristin Cline

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Water and Land Resources, Fund: 3521 OS KC BONDED SUBFUND, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3521 OS KC BONDED SUBFUND - Water and Land Resources				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1048391	WLOS RDMND/RDMND WTRSHD TR STANDALONE		(\$286,399)	<p>Current Scope: Redmond to Redmond Watershed Trail - Obtain a trail easement along what is called the Redmond to Redmond Trail. This portion of the PSE corridor runs from Farrel-McWhirter Park to Redmond Road. This is a very significant east/west trail connection point for the area and would connect the Sammamish River Trail to the Redmond Ridge Trail network. Completing this connection would increase recreation opportunities for equestrians, walkers and bike riders.</p> <p>Budget Request Basis: After several unsuccessful attempts to acquire rights to property, this project is being abandoned. Funds will be transferred to Fund 3151 Conservation Futures and allocated by the Conservation Futures Advisory Committee as part of the 2021 allocation following council approval. Following the reallocation, the plan is to close fund 3521.</p>
3521 - OS KC BONDED SUBFUND		Total	(\$286,399)	
Grand Total			(\$286,399)	

2021-2022 Proposed Financial Plan
OPEN SPACE BOND FUNDED SUBFUND /000003521

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	286,399	(286,399)	-	-	-
Interest Earnings		-	-	-	-
Total Capital Revenue	\$ 286,399	\$ (286,399)	\$ -	\$ -	\$ -
Capital Appropriation:					
Acquisitions	(286,399)	286,399	-	-	-
Total Capital Appropriation	\$ (286,399)	\$ 286,399	\$ -	\$ -	\$ -

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	287,738	287,738	-	297,738	-	-
Capital Funding Sources						
Interest Earnings	9,675	10,000	-	-	-	-
Total Capital Revenue	\$ 9,675	\$ 10,000	\$ -	\$ -	\$ -	\$ -
Capital Expenditures						
Acquisitions	-	-	-	-	-	-
Program Administration Fees	-	-	-	-	-	-
Total Capital Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other Fund Transactions						
Transfer to Fund 3151	-	-	-	(286,399)		
Transfer Residual Balance to Fund 3522	-	-	-	(11,339)		
Ending Fund Balance	\$ 297,413	\$ 297,738	\$ -	\$ -	\$ -	\$ -
Fund Balance designated to current projects	\$ (286,399)	\$ (286,399)	\$ -	\$ -	\$ -	\$ -
Reserves						
Reserve For Future Allocations		-	-			
Total Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ 11,014	\$ 11,339	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

2019-2020 Carryover column reflects the best estimate of the inception to date budget balances at the end of the 2019-2020 biennium.

2021-2022 Proposed Budget is aligned with 2021-2022 executive proposed biennial budget.

2019-2020 Biennial-to-Date Actuals reflects actual revenues and expenditures as of 06/08/2020, using EBS report GL_010. The beginning fund balance is consistent with the fund balance reported by FBOD.

2019-2020 Estimated reflects updated revenue and expenditure estimates as of 06/08/2020.

Transfer funds to Fund 3151 Conservation Futures for allocation to projects in 2021. Fund closure scheduled for 2021.

Transfer residual funds to Fund 3522 Open Space Acquisition at year-end 2020. Fund closure scheduled for 2021.

Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

This plan was updated by Veronica Doherty on 09/03/2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Water and Land Resources, Fund: 3522 OS KC NON BND FND SUBFUND, Cap Status: Approved,
Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3522 OS KC NON BND FND SUBFUND - Water and Land Resources				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1047267	WLOS GRANT CONTINGENCY PROGRAMMATIC		\$4,930,000	<p>Current Scope: Grant Contingency - The Open Space Grant Contingency project holds spending authority pending receipt of signed federal and state grants and interlocal agreements. Budget is activated in individual projects only after a signed agreement is received.</p> <p>Budget Request Basis: The Open Space Grant Contingency project holds spending authority pending receipt of signed federal and state grants and interlocal agreements. Budget is activated in individual projects only after a signed agreement is received.</p>
3522 - OS KC NON BND FND SUBFUND		Total	\$4,930,000	
Grand Total			\$4,930,000	

2021-2022 Proposed Financial Plan
Open Space Non-Bond County Projects / 000003522

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	1,030,921	-	1,030,921	-	-
Grant and Other Revenue	5,823,735	4,930,000	10,753,735	4,900,000	4,400,000
Sale/Surplus of Farmland	60,000	-	60,000	-	-
Total Capital Revenue	\$ 6,914,656	\$ 4,930,000	\$ 11,844,656	\$ 4,900,000	\$ 4,400,000
Capital Appropriation:					
Acquisitions and Relocations	(6,914,656)	(4,930,000)	(11,844,656)	(4,900,000)	(4,400,000)
	-	-	-	-	-
Total Capital Appropriation	\$ (6,914,656)	\$ (4,930,000)	\$ (11,844,656)	\$ (4,900,000)	\$ (4,400,000)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	123,775	123,775	-	1,030,921	1,734,687	1,624,687
Capital Funding Sources						
Grants and Other Revenue	1,610,757	3,067,447	-	5,353,333	6,076,667	4,666,000
Sale/Surplus of Farmland	-	1,000,000	-	-	-	-
Interest Income	-	-	-	-	-	-
Total Capital Revenue	\$ 1,610,757	\$ 4,067,447	\$ -	\$ 5,353,333	\$ 6,076,667	\$ 4,666,000
Capital Expenditures						
Acquisitions and Relocations - Open Space	(1,643,383)	(3,160,301)	-	(5,363,333)	(6,086,667)	(4,676,000)
Acquisitions and Relocations - Farmland	-	-	-	(800,000)	(200,000)	-
Total Capital Expenditures	\$ (1,643,383)	\$ (3,160,301)	\$ -	\$ (6,163,333)	\$ (6,286,667)	\$ (4,676,000)

<u>Other Fund Transactions</u>						
GASB 72 Fair Value Measurement (Land)				1,493,766	100,000	100,000
Residual from closure of WLRD capital funds				20,000	-	-
Ending Fund Balance	\$ 91,149	\$ 1,030,921	\$ -	\$ 1,734,687	\$ 1,624,687	\$ 1,714,687
Fund Balance designated to current projects	\$ (91,149)	\$ (1,030,921)	\$ -	\$ (240,921)	\$ (30,921)	\$ (20,921)
<u>Reserves</u>						
Grant Contingency						
Other				(1,493,766)	(1,593,766)	(1,693,766)
Total Reserves	\$ -	\$ -	\$ -	\$ (1,493,766)	\$ (1,593,766)	\$ (1,693,766)
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

Budget Notes:

2019-2020 Carryover column reflects the best estimate of the inception to date budget balances at the end of the 2019-2020 biennium.

2021-2022 Proposed Budget is aligned with 2021-2022 executive proposed biennial budget.

Outyear budget estimates are consistent with adopted budget estimates for outyears.

Sale/Surplus of non-bond funded farmland which will be used to protect farmland throughout the Agriculture Production Districts.

Financial Position Notes:

2019-2020 Biennial-to-Date Actuals reflects actual revenues and expenditures as of 06/08/2020, using EBS report GL_010. The beginning fund balance is consistent with the fund balance reported by FBOD.

2019-2020 Estimated reflects updated revenue and expenditure estimates as of 06/08/2020.

2021-2022 Estimated reflects updated revenue and expenditure estimates as of 06/08/2020.

Outyear revenue and spending estimates are based on current revenue estimates and project spending plans.

Other fund transactions - GASB 72 and residual funds from the closure of Funds 3521 and 3672.

Revenues received that will be allocated to projects following budget approval.

Other includes GASB 72 investment valuation for the Sammamish Farm (from Farmland Fund 3840), there is no projected sale in the six year plan.

This plan was updated by Veronica Doherty on 09/03/2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Water and Land Resources, Fund: 3673 CRITICAL AREAS MITIGATION, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3673 CRITICAL AREAS MITIGATION - Water and Land Resources				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1047594	WLMR CAO MR MASTER PROGRAMMATIC		\$4,178,170	<p>Current Scope: Critical Areas Ordinance Mitigation Reserves Master - The Critical Areas Mitigation Reserves Program Master project supports an "in-lieu-fee" compensatory mitigation program which provides a service to developers and other permittees whose projects require mitigation for impacts to aquatic resources. In lieu of completing their own mitigation, permittees can pay a mitigation fee to King County. The county then uses the fee to implement mitigation projects in places where projects will have the most benefit to the watershed in which the impact occurred. This is a master project which holds budget authority until developer fees are received and appropriate receiving sites are identified and approved through a multi-jurisdictional review team consisting of King County Department of Natural Resources, Washington State Department of Ecology, Army Corps of Engineers and local tribes.</p> <p>Budget Request Basis: The Mitigation Reserves Program (MRP) has a focus on providing ecologically superior mitigation projects that offer an option for developers with unavoidable wetland and aquatic resource impacts to pay a fee to King County in-lieu of completing their own mitigation project. MRP projects are located in important ecological areas and address watershed needs. Larger projects that provide functions more quickly are preferred because they provide greater ecological benefits. In the current budget biennium, three large projects are planned for construction with important benefits to wetlands as well as salmonids in the Green River/Duwamish Watershed and the Cedar River/Lake Washington/Sammamish Watershed.</p>
3673 - CRITICAL AREAS MITIGATION		Total	\$4,178,170	
Grand Total			\$4,178,170	

**2021-2022 Proposed Financial Plan
Critical Areas Mitigation /00003673**

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	25,367,347	-	25,367,347	-	-
CAO Mitigation Fees	2,000,691	4,100,000	6,100,691	4,100,000	4,100,000
Interest Earnings	111,810	78,170	189,980	20,938	24,511
Carbon Credits for Land Acquisitions	512,995	-	512,995	143,850	143,850
Total Capital Revenue	\$ 27,992,843	\$ 4,178,170	\$ 32,171,013	\$ 4,264,788	\$ 4,268,361
Capital Appropriation:					
Acquisitions	-	-	-	-	-
Restoration Projects	(27,992,843)	(4,178,170)	(32,171,013)	(4,120,938)	(4,124,511)
Carbon Credits for Land Acquisitions	-	-	-	(143,850)	(143,850)
Total Capital Appropriation	\$ (27,992,843)	\$ (4,178,170)	\$ (32,171,013)	\$ (4,264,788)	\$ (4,268,361)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	1,244,321	1,244,321	-	26,966,286	4,930,803	3,673,667
Capital Funding Sources						
CAO Mitigation Fees	13,411,972	15,412,663	-	4,879,985	4,100,000	4,100,000
Interest Earnings	548,839	660,649	-	78,170	20,938	24,511
Carbon Credits for Land Acquisitions	28,600	541,595	-	490,635	143,850	143,850
Total Capital Revenue	\$ 13,989,411	\$ 16,614,907	\$ -	\$ 5,448,790	\$ 4,264,788	\$ 4,268,361
Capital Expenditures						
Acquisitions		-	-	-	-	-

Program Administration Fees	(211,887)	(369,307)	-	(539,929)	(561,741)	(584,436)
Restoration Projects	(4,478,255)	(5,886,754)	-	(15,491,486)	(4,816,333)	(3,371,333)
Carbon Credits for Land Acquisitions	(1,600)	(126,767)	-	(870,233)	(143,850)	(143,850)
		-	-			
Total Capital Expenditures	\$ (4,691,742)	\$ (6,382,828)	\$ -	\$ (16,901,648)	\$ (5,521,924)	\$ (4,099,619)
Other Fund Transactions						
Equity Adjustment - GAAP Liability	15,489,886	15,489,886	-	(10,582,625)	(1,113,286)	312,592
		-	-	-		
Ending Fund Balance	\$ 10,541,990	\$ 26,966,286	\$ -	\$ 4,930,803	\$ 3,673,667	\$ 3,842,409
Fund Balance designated to current projects	\$ (10,541,990)	\$ (25,367,347)	\$ -	\$ (4,930,803)	\$ (3,673,667)	\$ (3,842,409)
Reserves						
Reserve For Future Allocations		(1,598,939)	-			
Total Reserves	\$ -	\$ (1,598,939)	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

Budget Notes:

2019-2020 Carryover column reflects the best estimate of the inception to date budget balances at the end of the 2019-2020 biennium.

2021-2022 Proposed Budget is aligned with 2021-2022 executive proposed biennial budget.

Outyear budget estimates are consistent with adopted budget estimates for outyears.

Financial Position Notes:

2019-2020 Biennial-to-Date Actuals reflects actual revenues and expenditures as of 06/09/2020, using EBS report GL_010. The beginning fund balance is consistent with the fund balance reported by FBOD.

2019-2020 Estimated reflects updated revenue and expenditure estimates as of 06/09/2020.

2021-2022 Estimated reflects updated revenue and expenditure estimates as of 06/09/2020.

Outyear revenue and spending estimates are based on current revenue estimates and project spending plans.

GAAP liability adjustment per FBOD based on GASB 65, Sec. 9 interpretation of revenues from in-lieu mitigation fees.

Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

Revenues received that will be allocated to projects following budget approval.

This plan was updated by Veronica Doherty on 09/03/2020.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Water and Land Resources, Fund: 3691 TRNSF OF DEV CREDIT PROG, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3691 TRNSF OF DEV CREDIT PROG - Water and Land Resources				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1033971	WLTD TDR BANK STANDALONE		\$2,653,689	<p>Current Scope: Transfer of Development Rights Bank - The Transfer of Development Rights (TDR) Bank project acts as a revolving fund to accomplish land preservation through the buying, holding, and selling of Development Rights authorized by the TDR Program in King County Code 21A.37. Revenues are received from the sale of TDR credits to developers.</p> <p>Budget Request Basis: The Transfer of Development Rights (TDR) program operates under King County Code 4A.200.730 to permanently protect rural and resource lands in King County, and to transfer— through the sale of transferable development rights (TDRs)— the development potential removed from conservation sites (typically farm and forest lands) to urban areas where infrastructure can accommodate higher density development. Revenues from sale of TDRs are used to pay for future conservation acquisitions, which are determined in close coordination with program staff in the Agriculture and Forest Incentives Program (which includes the voter-approved Farmland Protection Program) and planning staff in Water and Land Resources and Parks and Recreation Divisions. These prioritization decisions are based on conservation values, risk of conversion, and known opportunity. This budget request will fund farmland acquisitions in the Snoqualmie, Enumclaw, and Green APD's, as well as several Vashon farms.</p>
1033976	WLTD TDR PROGRAM SUPPORT STANDALONE		\$646,311	<p>Current Scope: Transfer of Development Rights (TDR) Program Support - The Transfer of Development Rights (TDR) Program Support project provides for on-going administrative support to the Transfer Development Rights (TDR) Program. This includes marketing, negotiating and developing new Transfer Development Rights partnership agreements with cities, acquisition of development rights from open space lands, review of grant reimbursement requests from jurisdictions, grant management and the review and preparation of legislation and other land acquisition related support.</p> <p>Budget Request Basis: This project provides for on-going administrative support to the Transfer of Development Rights Program. This includes marketing, negotiating and developing new Transfer Development Rights partnership agreements with cities, acquisition of development rights from open space lands, review of grant reimbursement requests from jurisdictions, grant management and the review and preparation of legislation and other land acquisition related support.</p>
3691 - TRNSF OF DEV CREDIT PROG		Total	\$3,300,000	
Grand Total			\$3,300,000	

2021-2022 Proposed Financial Plan
Transfer of Development Credit Program / 000003691

Capital Improvement Program (CIP) Budget

	2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources:					
Revenue Backing from Fund Balance	4,222,630	-	4,222,630	-	-
TDR Fees & Program Support	24,618,091	3,200,000	27,818,091	4,500,000	3,000,000
Interest Earnings	-	100,000	100,000	100,000	100,000
Total Capital Revenue	\$ 28,840,721	\$ 3,300,000	\$ 32,140,721	\$ 4,600,000	\$ 3,100,000
Capital Appropriation:					
Acquisitions	(28,840,721)	(2,653,689)	(31,494,410)	(3,927,578)	(2,400,412)
Program Administration Fees	-	(646,311)	(646,311)	(672,422)	(699,588)
Total Capital Appropriation	\$ (28,840,721)	\$ (3,300,000)	\$ (32,140,721)	\$ (4,600,000)	\$ (3,100,000)

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	11,030,845	11,030,845	-	4,222,630	6,346,669	1,044,247
Capital Funding Sources						
TDR Fees & Program Support	1,867,734	3,318,046	-	18,215,649	4,500,000	3,000,000
Interest Earnings	364,753	491,901	-	100,000	100,000	100,000
Total Capital Revenue	\$ 2,232,487	\$ 3,809,947	\$ -	\$ 18,315,649	\$ 4,600,000	\$ 3,100,000
Capital Expenditures						
Acquisitions	(2,060,193)	(10,207,134)	-	(15,545,299)	(9,230,000)	(3,184,000)
Program Administration Fees	(246,146)	(411,028)	-	(646,311)	(672,422)	(699,588)
Total Capital Expenditures	\$ (2,306,339)	\$ (10,618,162)	\$ -	\$ (16,191,610)	\$ (9,902,422)	\$ (3,883,588)

Other Fund Transactions						
			-			
Ending Fund Balance	\$ 10,956,993	\$ 4,222,630	\$ -	\$ 6,346,669	\$ 1,044,247	\$ 260,659
Fund Balance designated to current projects	\$ (10,956,993)	\$ (4,222,630)	\$ -	\$ (6,346,669)	\$ (1,044,247)	\$ (260,659)
Reserves						
Reserve For Future Allocations		-				
Total Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Financial Plan Notes

Budget Notes:

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