



Seattle Public Utilities

Diana Gale, Director

Mission Statement

We provide our customers with a reliable water supply and essential sewer, drainage, solid waste, and engineering services that safeguard public health, maintain the City's infrastructure, and protect, conserve, and enhance the region's environmental resources.

Goals

- Provide reliable infrastructure and high quality, cost-effective utility services for drinking water, solid waste collection and disposal, and storm and wastewater removal.
- Provide exceptional customer service.
- Create a high performance workplace with a diverse and inspired workforce.
- Protect, sustain, and enhance environmental quality, both locally and regionally.
- Provide meaningful contributions to the community and increase confidence in local government.
- Maintain financial strength and continually improve organizational performance for public benefit.

Appropriations

Fund/Line of Business (in thousands of dollars)	Summit Code	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Drainage & Wastewater Fund					
Drainage & Wastewater Utility	44010	154,236	176,160	184,922	197,567
Engineering Services Fund					
Engineering Services	53100	11,076	13,735	13,688	13,843
Solid Waste Fund					
Solid Waste Utility	45010	93,437	93,915	92,165	91,277
Water Fund					
Water Utility	43000	203,598	207,074	180,559	218,263
Department Total		462,347	490,884	471,335	520,950
Positions (in Full Time Equivalents)		1,238.23	1,272.23	1,285.73	1,285.73

Drainage & Wastewater Utility

Purpose Statement

The purpose of the Drainage & Wastewater Utility is to collect and dispose of sewage and stormwater in a cost-effective, innovative, and environmentally responsible manner so that public health is protected and flooding is minimized.

Key Performance Targets

- Answer at least 80% of Call Center calls within target time of 60 seconds.
- Maintain counts of adult salmon and steelhead populations in urban creeks (baseline: 143) and continue to assess these numbers to determine status of restoration efforts.
- Incur no regulatory violations or fines from overflows released to the environment.
- Limit to one the average annual number of wet weather overflows at controlled and monitored Combined Sewer Overflow sites.
- Solve at least 85% of reported drainage problems that fall under the Spot Drainage Program within one year.

Resources

Program (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Administration	5,771	5,454	6,699	6,736
Capital Improvement Program	30,574	38,177	43,543	53,413
Customer Service	4,504	5,349	5,158	5,350
Engineering Services	1,696	561	1,735	1,804
Field Operations	10,712	11,832	11,856	12,184
General Expense	96,985	107,083	108,970	110,682
Resource Management	3,995	7,703	6,961	7,398
Line of Business Total	154,236	176,160	184,922	197,567
Positions (in Full Time Equivalents)	323.12	332.12	337.78	342.93

Drainage & Wastewater Utility: Administration

Purpose Statement

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

Program Highlights

NOTE: Most of SPU's programs cross the Lines of Business, so the Program Highlights are often repeated in other Lines of Business.

Update the Strategic Business Plan. The plan update will be the focus of the Department's organizational development efforts, with further integration of performance measurement, leadership development program, and a core competencies framework. The efforts of the Department's Communications staff will be focused on clearly relaying SPU's messages as outlined in the Strategic Business Plan.

Create a central claims management function in the Finance Division that will provide one-stop service for all water, drainage, wastewater, and solid waste claims as well as a central source of information and training to support the management and reduction of future claims expenses.

Merge the payroll and personnel sections of Human Resources to increase efficiency. The new section is organized on the "account representative" model to increase customer service to all SPU programs.

Add no net positions to this program. This cumulative change of zero includes the position changes described below. The remaining 0.5 FTE reduction is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Corporate Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	5,771	5,454	6,699	6,736
Program Total	5,771	5,454	6,699	6,736
Positions (in Full Time Equivalents)	41.06	41.06	41.06	41.32

Drainage & Wastewater Utility: Capital Improvement Program

Purpose Statement

The purpose of the Drainage & Wastewater Utility Capital Improvement Program is to replace, improve, and expand facilities needed to handle stormwater and sewage in an environmentally acceptable manner.

Program Highlights

Spend approximately \$42 million in 2001-2006 on the Combined Sewer Overflow (CSO) Program. The largest project will be the design and construction of the Denny Way/Lake Union CSO improvements. SPU completes its update of the CSO Plan in 2001. This plan will guide the CSO program until 2006.

Spend approximately \$196 million for drainage improvements over the next six years. In addition to local drainage improvements, projects include stormwater detention and fish passage improvements. The Westlake Storm Drain Rehab project will replace a failed storm drain with several promising stormwater treatment technologies. These facilities will be evaluated over time for effectiveness.

Set aside funding for SPU's share of the City's response to the listing of Chinook salmon under the Endangered Species Act. Approximately \$4.7 million is included in the 2001-2006 Drainage and Wastewater CIP for these projects.

Decrease program staffing by a total of 2.67 FTE positions. This cumulative decrease is the result of internal SPU transfers.

As for many programs, the apparent FTE change from 2001 to 2002 results from an internal shift in position allocation.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	30,574	38,177	43,543	53,413
Program Total	30,574	38,177	43,543	53,413
Positions (in Full Time Equivalents)	57.02	65.02	62.35	66.64

Drainage & Wastewater Utility: Customer Service

Purpose Statement

The purpose of the Drainage & Wastewater Utility Customer Service Program is to provide comprehensive, efficient, one-stop service which anticipates and fully responds to customer expectations.

Program Highlights

Focus on the successful implementation of the Consolidated Customer Service System (CCSS) to provide customers with reliable and timely information and responsible financial stewardship with improved productivity and performance. Virtually all work processes, policies, and procedures associated with billing customers have been redesigned through this project.

Expand private vendor participation in the large meter replacement program, which will increase the number of meters replaced leading to better customer service through more accurate billing.

Increase program staffing by a total of 0.17 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.16 FTE reduction is the result of internal SPU position transfers.

Transfer one Supported Employment position into SPU-Customer Services from the Executive Services Department. Because this position is funded jointly by all SPU utilities the net impact to this program is an add of 0.33 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	4,504	5,349	5,158	5,350
Program Total	4,504	5,349	5,158	5,350
Positions (in Full Time Equivalents)	60.28	57.28	57.45	57.63

Drainage & Wastewater Utility: Engineering Services

Purpose Statement

The purpose of the Drainage & Wastewater Utility Engineering Services Program is to provide engineering design and support services, construction inspection and project management services to the sponsors of Drainage and Wastewater Fund capital improvement projects and the managers of drainage and wastewater facilities.

Program Highlights

Develop and implement a cost and schedule system for managing SPU's CIP programs and related projects. Closely coordinate with Seattle City Light (City Light) and Seattle Transportation (SEATRAN) to ensure that the development and implementation of respective departmental systems are compatible.

Complete the implementation of the new SPU Construction Communications Guideline Manual, which provides consistent guidelines to project and construction managers on how to communicate with communities, neighborhoods, citizens, and businesses on public works construction projects. The guidelines will ensure affected citizens are informed of construction project impacts as well as offer methods of reducing or mitigating the impacts.

Increase program staffing by a total of 1.0 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.5 FTE increase is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Engineering Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	1,696	561	1,735	1,804
Program Total	1,696	561	1,735	1,804
Positions (in Full Time Equivalents)	13.43	13.43	14.43	14.43

Drainage & Wastewater Utility: Field Operations

Purpose Statement

The purpose of the Drainage & Wastewater Utility Field Operations Program is to operate and maintain infrastructure that protects the public's health and protects and improves the environment.

Program Highlights

Install and deploy a remote monitoring and control (SCADA) system, redundant monitoring, and automatic emergency backup generators in Drainage and Wastewater pump stations to improve reliability and protect the environment.

Redesign work processes to improve organizational performance and customer service. Field Operations staff will also consolidate the purchasing, warehousing, and distribution of field materials and supplies to increase accountability, control costs, and improve efficiency.

Add 2.5 FTE positions to reflect an expanded Drainage program. These positions provide skilled maintenance on non-traditional drainage facilities (such as wetlands, creeks, and detention ponds).

Transfer one Supported Employment position into SPU-Field Operations from the Executive Services Department. Because this position is funded jointly by all SPU utilities the net impact to this program is an add of 0.33 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	10,712	11,832	11,856	12,184
Program Total	10,712	11,832	11,856	12,184
Positions (in Full Time Equivalents)	120.33	120.33	123.16	123.16

Drainage & Wastewater Utility: General Expense

Purpose Statement

The purpose of the Drainage & Wastewater Utility General Expense Program is to provide appropriation for taxes, debt service, payment to King County/Metro for sewage treatment, and for the Drainage & Wastewater Fund's share of City Central Costs.

Program Highlights

Increase the budget for General Expenses to reflect higher costs for debt service and Metro wastewater treatment costs.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	96,985	107,083	108,970	110,682
Program Total	96,985	107,083	108,970	110,682

Drainage & Wastewater Utility: Resource Management

Purpose Statement

The purpose of the Drainage & Wastewater Utility Resource Management Program is to plan and develop programs and capital improvement projects which will protect public health, water quality, and habitat; control flooding; and preserve Seattle's environmental resources, including local rivers, lakes, streams, creeks, and Puget Sound.

Program Highlights

Complete planning and preliminary engineering for projects in the Drainage Capital Improvement Program, including projects that provide additional trunk drainage, meet needs identified in neighborhood plans, improve drainage in landslide-prone areas, rehabilitate Seattle's urban creeks, and provide relief on spot drainage problems.

Implement an integrated watershed and urban creeks stewardship program supporting Department and community projects and programs.

Implement the new Stormwater Ordinance and execute a new National Pollutant Discharge Elimination System five-year permit for SPU's stormwater system in compliance with the Clean Water Act and the Endangered Species Act. This effort will involve water quality planning on a watershed basis to meet SPU's obligations to the Washington State Department of Ecology.

Continue working with neighborhoods on the Neighborhood Plans. SPU will continue to participate in monthly Sector meetings with the goal of improving livability, public safety, and health for the citizens of Seattle.

Increase program staffing by a total of 4.33 FTE positions. This cumulative increase includes the position changes described below. The remaining 4.0 FTE reduction is the result of internal SPU position transfers.

Add 8.0 FTE positions to reflect an expanded Drainage program. These positions ensure the City's compliance with stormwater regulatory requirements, implement surface water monitoring programs, and implement other programs that maintain and improve the condition of Seattle's creeks.

Transfer two Supported Employment positions into SPU-Resource Management from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.33 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	3,995	7,703	6,961	7,398
Program Total	3,995	7,703	6,961	7,398
Positions (in Full Time Equivalentents)	31.00	35.00	39.33	39.75

Engineering Services

Purpose Statement

The purpose of the Engineering Services Line of Business is to provide efficient, customer-oriented engineering services to Seattle Public Utilities, other City departments, and outside agencies in order to assist clients with replacing, improving and expanding their facilities in a cost-effective and environmentally responsible manner with the least possible disruption to the community.

Key Performance Targets

- Complete 100% of the annual CIP plan.

Resources

Program (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Administration	4,716	5,101	4,926	5,011
External Customers	5,953	7,925	8,762	8,831
General Expense	407	709	0	0
Line of Business Total	11,076	13,735	13,688	13,843
Positions (in Full Time Equivalents)	104.80	116.80	116.90	116.32

Engineering Services: Administration

Purpose Statement

The purpose of the Engineering Services Administration Program is to provide overall management and policy direction for Seattle Public Utilities, and to provide the core financial, human resource, and information technology services needed by the entire Department.

Program Highlights

NOTE: Most of SPU's programs cross the Lines of Business, so the Program Highlights are often repeated in other Lines of Business.

Increase budget authority by \$440,734 in 2001 and \$451,752 in 2002 to reflect the transfer of the General Fund support of the City's GIS Maintenance costs from Finance General.

Update the Strategic Business Plan. The plan update will be the focus of the Department's organizational development efforts, with further integration of performance measurement, leadership development program, and a core competencies framework. The efforts of the Department's Communications staff will be focused on clearly relaying SPU's messages as outlined in the Strategic Business Plan.

Create a central claims management function in the Finance Division that will provide one-stop service for all water, drainage, wastewater and solid waste claims, and a central source of information and training to support the management and reduction of future claims expenses.

Merge the payroll and personnel sections of Human Resources to increase efficiency. The new section is organized on the "account representative" model to increase customer service to all SPU programs.

Increase program staffing by a total of 0.1 FTE positions. This cumulative decrease includes the position changes described below. The remaining 0.4 FTE reduction is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Corporate Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	4,166	4,551	3,848	3,904
General Subfund	550	550	1,078	1,107
Program Total	4,716	5,101	4,926	5,011
Positions (in Full Time Equivalents)	24.10	36.10	36.20	36.12

Engineering Services: External Customers

Purpose Statement

The purpose of the Engineering Services External Customers Program is to provide engineering support and construction inspection services to other City Departments and non-City agencies.

Program Highlights

Develop and implement a cost and schedule system for managing SPU's CIP programs and related projects. Closely coordinate with City Light and SEATRAN to ensure that the development and implementation of respective departmental systems are compatible.

Complete the implementation of the new SPU Construction Communications Guideline Manual, which provides consistent guidelines to project and construction managers on how to communicate with communities, neighborhoods, citizens and businesses on public works construction projects. The guidelines will ensure affected citizens are informed of construction project impacts as well as offer methods of reducing or mitigating the impacts.

Support Sound Transit's construction of a light rail line through increased expenditures. The funding for this work comes from Sound Transit. Because the funding was added by ordinance to the 2000 Adopted Budget (via Council Bill 113364), outside the budget process, it is not reflected in the budget numbers shown below. Sound Transit funds remaining unspent at the end of 2000 will carry forward into 2001.

Add no net positions to this program. This cumulative change of zero includes the position changes described below. The remaining 0.5 FTE reduction is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Engineering Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	5,953	7,925	8,762	8,831
Program Total	5,953	7,925	8,762	8,831
Positions (in Full Time Equivalents)	80.70	80.70	80.70	80.20

Engineering Services: General Expense

Purpose Statement

The purpose of the Engineering Services General Expense Program is to provide appropriation for non-programmatic expenses associated with the Fund.

Program Highlights

Discontinue charging the City's Central Cost allocations to the Engineering Services Line of Business in order to simplify SPU's accounting.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	407	709	0	0
Program Total	407	709	0	0

Solid Waste Utility

Purpose Statement

The purpose of the Solid Waste Utility is to collect and dispose of recycling, yard waste, and residential and commercial garbage in an environmentally responsible manner and to encourage waste reduction.

Key Performance Targets

- Answer at least 80% of Call Center calls within target time of 60 seconds.
- Collect and properly dispose of no more than 7,500 pounds of hazardous waste annually.
- Achieve a Citywide annual recycling rate of 49% in 2001.
- Limit the number of single collection misses to 1 in 800.

Resources

Program (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Administration	4,464	4,333	4,826	4,898
Capital Improvement Program	4,496	4,259	3,563	2,447
Customer Service	4,050	4,752	4,607	4,740
Engineering Services	266	124	289	299
Field Operations	9,800	9,920	9,243	9,363
General Expense	61,765	63,226	61,867	61,864
Resource Management	8,596	7,301	7,769	7,667
Line of Business Total	93,437	93,915	92,165	91,277
Positions (in Full Time Equivalents)	211.77	209.77	210.88	208.98

Solid Waste Utility: Administration

Purpose Statement

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

Program Highlights

NOTE: Most of SPU's programs cross the Lines of Business, so the Program Highlights are often repeated in other Lines of Business.

Update the Strategic Business Plan. The plan update will be the focus of the Department's organizational development efforts, with further integration of performance measurement, leadership development program, and a core competencies framework. The efforts of the Department's Communications staff will be focused on clearly relaying SPU's messages as outlined in the Strategic Business Plan.

Create a central claims management function in the Finance Division that will provide one-stop service for all water, drainage, wastewater and solid waste claims, and a central source of information and training to support the management and reduction of future claims expenses.

Merge the payroll and personnel sections of Human Resources to increase efficiency. The new section is organized on the "account representative" model to increase customer service to all SPU programs.

Add no net positions to this program. This cumulative change of zero includes the position changes described below. The remaining 0.5 FTE reduction is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Corporate Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
General Subfund	1,244	1,240	1,186	1,181
Utility Rates & Charges	3,220	3,093	3,641	3,717
Program Total	4,464	4,333	4,826	4,898
Positions (in Full Time Equivalents)	31.90	32.90	32.90	32.89

Solid Waste Utility: Capital Improvement Program

Purpose Statement

The purpose of the Solid Waste Utility Capital Improvement Program is to replace, improve and expand facilities needed for the disposal of solid waste, including recycling and hazardous materials, in an environmentally acceptable manner.

Program Highlights

Continue rehabilitation projects at the recycling and disposal stations. These projects include seismic upgrades, improvements to the electrical and water drainage systems, and concrete repairs.

Plan for a separate recycling facility at the South Recycling and Disposal Station in order to promote increased recycling and allow for a safer and more efficient transfer of recyclable materials.

Increase program staffing by a total of 0.31 FTE positions. This cumulative increase is the result of internal SPU position transfers.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	4,496	4,259	3,563	2,447
Program Total	4,496	4,259	3,563	2,447
Positions (in Full Time Equivalents)	4.05	4.05	4.36	3.83

Solid Waste Utility: Customer Service

Purpose Statement

The purpose of the Solid Waste Utility Customer Service Program is to provide comprehensive, efficient, one-stop service that anticipates and fully responds to customer expectations.

Program Highlights

Focus on the successful implementation of the Consolidated Customer Service System (CCSS) to provide customers reliable and timely information and responsible financial stewardship with improved productivity and performance. Virtually all work processes, policies, and procedures associated with billing customers have been redesigned through this project.

Increase program staffing by a total of 0.17 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.16 FTE reduction is the result of internal SPU position transfers.

Transfer one Supported Employment position into SPU-Customer Services from the Executive Services Department. Because this position is funded jointly by all SPU utilities the net impact to this program is an add of 0.33 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	4,050	4,752	4,607	4,740
Program Total	4,050	4,752	4,607	4,740
Positions (in Full Time Equivalents)	54.11	51.11	51.28	50.33

Solid Waste Utility: Engineering Services

Purpose Statement

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

Program Highlights

Develop and implement a cost and schedule system for managing SPU's CIP programs and related projects. Closely coordinate with City Light and SEATRAN to ensure that the development and implementation of respective departmental systems are compatible.

Complete the implementation of the new SPU Construction Communications Guideline Manual, which provides consistent guidelines to project and construction managers on how to communicate with communities, neighborhoods, citizens and businesses on public works construction projects. The guidelines will ensure affected citizens are informed of construction project impacts as well as offer methods of reducing or mitigating the impacts.

Add no net positions to this program. This cumulative change of zero includes the position changes described below. The remaining 0.5 FTE reduction is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Engineering Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	266	124	289	299
Program Total	266	124	289	299
Positions (in Full Time Equivalents)	2.78	2.78	2.78	2.78

Solid Waste Utility: Field Operations

Purpose Statement

The purpose of the Solid Waste Utility Field Operations Program is to operate and maintain the City's solid waste transfer stations and hazardous materials disposal facilities and to monitor and maintain the City's closed landfills so that the public's health is protected and opportunities are provided for reuse and recycling.

Program Highlights

Redesign work processes to improve organizational performance and customer service. Field Operations staff will also consolidate the purchasing, warehousing, and distribution of field materials and supplies to increase accountability, control costs, and improve efficiency.

Increase program staffing by a total of 0.3 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.03 FTE reduction is the result of internal SPU position transfers.

Transfer one Supported Employment position into SPU-Field Operations from the Executive Services Department. Because this position is funded jointly by all SPU utilities the net impact to this program is an add of 0.33 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	9,800	9,920	9,243	9,363
Program Total	9,800	9,920	9,243	9,363
Positions (in Full Time Equivalents)	76.43	76.43	76.73	76.72

Solid Waste Utility: General Expense

Purpose Statement

The purpose of the Solid Waste Utility General Expense Program is to appropriate funds for taxes, debt service, payments to contractors who collect the City's solid waste, and for the Solid Waste Fund's share of City Central Costs.

Program Highlights

Decrease the budget for General Expenses to reflect revised allocations of debt service, taxes and the City's Central Costs between SPU's funds.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	61,765	63,226	61,867	61,864
Program Total	61,765	63,226	61,867	61,864

Solid Waste Utility: Resource Management

Purpose Statement

The purpose of the Solid Waste Utility Resource Management Program is to protect the public's health and Seattle's environmental resources by planning and implementing programs that will manage the City's solid waste in an environmentally responsible manner emphasizing prevention, reuse, and recycling.

Program Highlights

Expand and create new sustainable building partnerships with City Light and the U.S. Green Building Council.

Continue working with neighborhoods on the Neighborhood Plans. SPU will continue to participate in monthly Sector meetings with the goal of improving livability, public safety, and health for the citizens of Seattle.

Transfer two Supported Employment positions into SPU-Resource Management from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.33 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	8,596	7,301	7,769	7,667
Program Total	8,596	7,301	7,769	7,667
Positions (in Full Time Equivalents)	42.50	42.50	42.83	42.43

Water Utility

Purpose Statement

The purpose of the Water Utility is to provide customers with a reliable, adequate supply of safe drinking water in a cost-effective and environmentally responsible manner.

Key Performance Targets

- Restore service for at least 95% of unplanned water outage incidents in 10 hours or less.
- Experience zero acute water quality public health incidents per year.
- Answer at least 80% of Call Center calls within target time of 60 seconds.

Resources

Program (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Administration	10,568	10,461	11,307	11,507
Capital Improvement Program	121,333	104,991	67,913	99,207
Customer Service	7,283	7,592	7,216	7,405
Engineering Services	2,134	2,385	2,436	2,520
Field Operations	12,914	12,200	12,160	12,302
General Expense	35,732	54,325	62,166	67,115
Resource Management	13,635	15,119	17,361	18,207
Line of Business Total	203,598	207,074	180,559	218,263
Positions (in Full Time Equivalents)	598.54	613.54	620.17	617.50

Water Utility: Administration

Purpose Statement

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

Program Highlights

NOTE: Most of SPU's programs cross the Lines of Business, so the Program Highlights are often repeated in other Lines of Business.

Update the Strategic Business Plan. The plan update will be the focus of the Department's organizational development efforts, with further integration of performance measurement, leadership development program, and a core competencies framework. The efforts of the Department's Communications staff will be focused on clearly relaying SPU's messages as outlined in the Strategic Business Plan.

Support the Central Puget Sound Water Suppliers' Forum in providing water supply planning for the region. SPU will play an active role in water resource management policy issues in the state legislative and executive arenas. The Department's Strategic Policy staff are working on re-negotiating SPU's wholesale water contracts with its water purveyor partners.

Create a central claims management function in the Finance Division that will provide a one-stop shop for all water, drainage, wastewater, and solid waste claims, and a central source of information and training to support the management and reduction of future claims expenses.

Merge the payroll and personnel sections of Human Resources to increase efficiency. The new section is organized on the "account representative" model to increase customer service to all SPU programs.

Increase program staffing by a total of 1.0 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.5 FTE increase is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Corporate Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	10,568	10,461	11,307	11,507
Program Total	10,568	10,461	11,307	11,507
Positions (in Full Time Equivalents)	74.19	74.19	75.19	76.32

Water Utility: Capital Improvement Program

Purpose Statement

The purpose of the Water Utility Capital Improvement Program is to replace, improve, and expand facilities needed for the delivery of drinking water in an environmentally acceptable manner.

Program Highlights

Include approximately \$12 million in the 2001-2006 CIP for the completion of the Tolt 2 Pipeline. Increase the reliability and the capacity of the 30-year old Tolt Pipeline to ensure optimal operation of the new Tolt Treatment Facility and provide increased reliability in case of floods, earthquakes, or sudden pipe failure.

Include a total of \$110 million in the 2001-2006 CIP for the completion of the new Cedar Treatment Facility. This facility will improve the quality of water from the Cedar source, ensure compliance with drinking water regulations and the State Department of Health requirements, and improve periodic taste and odor problems.

Include approximately \$46 million in the six-year CIP for Open Distribution System Reservoirs. In compliance with water quality regulations, the City is planning to cover nine open drinking-water reservoirs over the next 25 years. During the 2001-2006 CIP period, SPU will complete covering three reservoirs (Lincoln, Bitter Lake, and Lake Forest Park) and begin covering three additional reservoirs (Beacon, Volunteer, and Myrtle).

Include approximately \$44 million in the 2001-2006 CIP for the Cedar River Watershed Habitat Conservation Plan (HCP). To ensure high quality source water in the Cedar River Watershed, an extensive watershed management program has been developed with investments in habitat protection. Major HCP components include fisheries enhancement, the protection of stream banks and watercourses, and restoration of watershed lands.

Develop projects as part of the City's overall response to the listing of Chinook salmon under the Endangered Species Act. Approximately \$3 million is included in the 2001-2006 Water CIP for these new projects.

Increase program staffing by a total of 2.99 FTE positions. This cumulative increase is the result of internal SPU position transfers.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	121,333	104,991	67,913	99,207
Program Total	121,333	104,991	67,913	99,207
Positions (in Full Time Equivalents)	165.76	170.76	173.75	171.86

Water Utility: Customer Service

Purpose Statement

The purpose of the Water Utility Customer Service Program is to provide comprehensive, efficient, one-stop service that anticipates and fully responds to customer expectations.

Program Highlights

Focus on the successful implementation of the Consolidated Customer Service System to provide customers reliable and timely information and responsible financial stewardship with improved productivity and performance. Virtually all work processes, policies, and procedures associated with billing customers have been redesigned through this project.

Expand private vendor participation in the large meter replacement program, which will increase the number of meters replaced, leading to better customer service through more accurate billing.

Add no net positions to this program. This cumulative change of zero includes the position changes described below. The remaining 0.34 FTE reduction is the result of internal SPU position transfers.

Transfer one Supported Employment position into SPU-Customer Services from the Executive Services Department. Because this position is funded jointly by all SPU utilities the net impact to this program is an add of 0.34 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	7,283	7,592	7,216	7,405
Program Total	7,283	7,592	7,216	7,405
Positions (in Full Time Equivalents)	96.67	92.67	92.67	91.49

Water Utility: Engineering Services

Purpose Statement

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

Program Highlights

Develop an asset management program for SPU's water transmission lines and distribution systems to guide and inform decisions on major capital investments for the Water Fund. This is an essential component of fulfilling SPU's asset and infrastructure goals.

Develop and implement a dam safety program for the 17 dams owned and operated by SPU and coordinate with City Light on jointly operated dam projects. This program will ensure that SPU meets dam regulatory requirements and maintains the safety and integrity of reservoirs for water supply to the region.

Develop and implement a cost and schedule system for managing SPU's CIP programs and related projects. Closely coordinate with City Light and SEATRAN to ensure that the development and implementation of respective departmental systems are compatible.

Complete the implementation of the new SPU Construction Communications Guideline Manual, which provides consistent guidelines to project and construction managers on how to communicate with communities, neighborhoods, citizens, and businesses on public works construction projects. The guidelines will ensure that affected citizens are informed of construction project impacts.

Increase program staffing by a total of 1.0 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.5 FTE increase is the result of internal SPU position transfers.

Transfer two Supported Employment positions into SPU-Engineering Services from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 0.5 FTE position.

Extend an agreement approved in 1998 to continue to perform work on the region's light rail project that will be paid for by Sound Transit. This work includes issuing permits, reviewing design plans, providing for public safety during construction and operations, and planning for development around light rail stations. The budget authority and positions necessary to accomplish

this work in 2001 and 2002 were included in Ordinance 120120 and are not included in this budget. Due to changes in Sound Transit's budget and schedule, further modifications to Sound Transit's contribution are proposed in Council Bill 113560 in early 2001.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	2,134	2,385	2,436	2,520
Program Total	2,134	2,385	2,436	2,520
Positions (in Full Time Equivalents)	20.78	20.78	21.78	21.77

Water Utility: Field Operations

Purpose Statement

The purpose of the Water Utility Field Operations Program is to operate and maintain the infrastructure that provides the public with an adequate, reliable, safe supply of high quality drinking water.

Program Highlights

Establish a North Operations Center for Water Operations to improve delivery of core business service to customers, improve emergency response to system failures, and provide better overall utility emergency preparedness.

Redesign work processes to improve organizational performance and customer service. Field Operations staff will also consolidate the purchasing, warehousing, and distribution of field materials and supplies to increase accountability, control costs, and improve efficiency.

Increase program staffing by a total of 0.3 FTE positions. This cumulative increase includes the position changes described below. The remaining 0.04 FTE reduction is the result of internal SPU position transfers.

Transfer one Supported Employment position into SPU-Field Operations from the Executive Services Department. Because this position is funded jointly by all SPU utilities the net impact to this program is an add of 0.34 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	12,914	12,200	12,160	12,302
Program Total	12,914	12,200	12,160	12,302
Positions (in Full Time Equivalents)	132.10	132.10	132.40	132.40

Water Utility: General Expense

Purpose Statement

The purpose of the Water Utility General Expense Program is to appropriate funds for taxes, debt service, and the Water Fund's share of City central costs.

Program Highlights

Increase the budget for General Expenses to cover costs associated with higher debt service, taxes, and the City's central cost allocations.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	35,732	54,325	62,166	67,115
Program Total	35,732	54,325	62,166	67,115

Water Utility: Resource Management

Purpose Statement

The purpose of the Water Utility Resource Management Program is to deliver, in a cost-effective manner, an adequate, reliable, high quality supply of drinking water; to protect and preserve Seattle's environmental resources; and to plan and develop programs and capital improvement projects that will improve water quality, habitat, flood control, and water supply.

Program Highlights

Execute a contract and initiate design and permitting for a design-build-operate approach for the Cedar Treatment Facility. The new facility will improve the quality of water from the Cedar source, ensure compliance with drinking water regulations, and improve periodic taste and odor problems.

Continue implementation of the first phase of the 25-year Open Reservoir Covering Plan as required by the State Department of Health. This phase includes covering Bitter Lake, Lake Forest Park, and Lincoln Reservoirs.

Implement the Habitat Conservation Plan, which will result in new fish passage facilities, design of a new sockeye hatchery, decommissioning of roads, forest restoration, repair and removal of fish blockages, and preliminary planning for major research initiatives.

Complete construction of the Cedar River Watershed Education Center in partnership with the Friends of the Cedar River Watershed and begin expanded watershed education programs.

Continue to develop the Salmon Friendly Gardening program, integrating it with 1% for Conservation and Drainage initiatives.

Continue working with neighborhoods on the Neighborhood Plans, including participation in monthly Sector meetings with the goal of improving livability, public safety, and health for the citizens of Seattle.

Transfer two Supported Employment positions into SPU-Resource Management from the Executive Services Department. Because these positions are funded jointly by all SPU utilities the net impact to this program is an add of 1.34 FTE position.

Resources

Funding Source (in thousands of dollars)	1999 Actual	2000 Adopted	2001 Adopted	2002 Endorsed
Utility Rates & Charges	13,635	15,119	17,361	18,207
Program Total	13,635	15,119	17,361	18,207
Positions (in Full Time Equivalents)	109.04	123.04	124.38	123.66

Position Changes

Program/Position Change (in Full Time Equivalents)	2001 Adopted	2002 Endorsed
Prior Year FTE Total	1,272.23	1,285.73
<u>Administration</u>		
Add Office/Maintenance Aide	0.50	
Add Office/Maintenance Aide	0.50	
Add Office/Maintenance Aide	0.50	
Add Office/Maintenance Aide	0.50	
<u>Customer Service</u>		
Add Office/Maintenance Aide	0.34	
Add Office/Maintenance Aide	0.33	
Add Office/Maintenance Aide	0.33	
<u>Engineering Services</u>		
Add Office/Maintenance Aide	0.50	
Add Office/Maintenance Aide	0.50	
Add Office/Maintenance Aide	0.50	
<u>External Customers</u>		
Add Office/Maintenance Aide	0.50	
<u>Field Operations</u>		
Add Office/Maintenance Aide	0.34	
Add Office/Maintenance Aide	0.33	
Add To be determined	2.50	
Add Office/Maintenance Aide	0.33	
Reclassify Emgrng. Emergency Labor to Water Pipe Worker (Pending Classification Review)	0.00	
Reclassify Planning & Development Specialist, Sr. to Supervising Planning & Development Specialist (Pending Classification Review)	0.00	
Reclassify Maintenance laborer to Auto Mechanic (Pending Classification Review)	0.00	

Resource Management

Add Office/Maintenance Aide	1.34	
Add To be determined	8.00	
Delete Water Treatment Operator, Senior	-1.00	
Reclassify Forest Maintenance Worker to Public/Cultural Programs Specialist (Pending Classification Review)	0.00	
Delete Water Treatment Operator	-3.00	
Delete Water Treatment Operator	-1.00	
Add Office/Maintenance Aide	0.33	
Add Office/Maintenance Aide	0.33	
Reclassify Civil Engineering Specilaist, Associate to Civil Engineering Specialis Senior (Pending Classification Review)	0.00	
New FTE Subtotal	13.50	0.00
FTE Total	1,285.73	1,285.73

2001-2002 Estimated Revenues for the Drainage and Wastewater Fund

SUMMIT CODE	SOURCE	1999 ACTUAL	2000 REVISED	2001 ADOPTED	2002 ENDORSED
Fund: 44000 Drainage and Wastewater					
434010	State Grants	259,564	0	0	0
443527	Wastewater Service Rates	108,452,649	113,232,232	117,433,117	119,817,653
443631	Drainage Service Rates	16,607,348	16,414,576	22,378,725	22,372,680
443691	Side Sewer Permit Fees	325,098	325,098	298,501	298,501
443691	Connection Fees	30,577	30,577	37,273	37,273
443694	Drainage Permit Fees	278,521	278,521	273,596	273,596
543979	City Light Revenues for Customer Service	938,148	1,088,000	1,273,800	1,306,800
461110	Interest Earnings-Residual Cash	1,801,805	1,895,349	1,934,817	1,641,077
	Transfer from Construction Fund	31,464,000	0	20,276,300	25,032,300
	TOTAL REVENUES	\$160,157,710	\$133,264,353	\$163,906,129	\$170,779,880
	Decrease (Increase) in Working Capital	-5,921,892	42,895,244	21,016,226	26,787,508
	TOTAL RESOURCES	\$154,235,818	\$176,159,597	\$184,922,355	\$197,567,388

Seattle Public Utilities (SPU) is implementing rate increases for both drainage and wastewater rates. A 36.3% drainage rate increase, effective January 1, 2001, will allow SPU to meet regulatory requirements, improve on-going maintenance, and enhance drainage infrastructure.

SPU is also implementing wastewater rate increases of 3.9% and 3.8% effective January 1, 2001 and January 1, 2002 respectively. These revenues from these increases allow SPU to meet METRO's treatment cost increases, comply with Combined Sewer Overflow requirements, and better maintain the wastewater infrastructure.

2001-2002 Estimated Revenues for the Engineering Services Fund

SUMMIT CODE	SOURCE	1999 ACTUAL	2000 REVISED	2001 ADOPTED	2002 ENDORSED
Fund: 53100 Engineering Services Fund					
444100	Public Reimbursables	1,117,659	1,015,699	524,111	516,054
441500	Maps and Publication Sales	300,249	405,820	403,184	412,719
541490	Administrative Fees	2,084,794	2,732,873	3,049,984	3,052,694
541850	DP-Technologies and Operations	1,347,650	1,793,442	1,676,925	1,712,483
543210	Services to Other Departments	2,213,136	2,235,435	2,612,253	2,605,832
543210	General Subfund	550,000	550,000	1,077,719	1,107,002
543210	Transportation Fund	4,679,291	5,274,919	4,685,518	4,793,399
	TOTAL REVENUES	\$12,292,779	\$14,008,188	\$14,029,694	\$14,200,183
	Decrease (Increase) in Working Capital	(1,216,347)	(272,773)	(341,867)	(357,481)
	TOTAL RESOURCES	\$11,076,432	\$13,735,415	\$13,687,827	\$13,842,702

2001-2002 Estimated Revenues for the Solid Waste Utility Fund

SUMMIT CODE	SOURCE	1999 ACTUAL	2000 REVISED	2001 ADOPTED	2002 ENDORSED
	Fund: 45000 Solid Waste Utility				
416456	Landfill Closure Tax	3,096,154	4,028,000	3,385,317	3,361,584
416457	New Transfer Tax - In City	1,340,925	1,100,000	1,012,500	956,250
416458	New Transfer Tax - Out of City	1,143,018	1,550,000	1,828,125	1,828,125
434010	State Grants - Operating	648,869	400,000	400,000	400,000
443731	Collection Charges	48,538,410	48,700,000	50,832,644	51,191,590
443741	Transfer Station Disposal Charges	9,426,467	10,137,000	9,507,540	9,592,287
443745	Commercial Disposal Charges	13,739,263	13,105,000	14,782,341	14,930,164
443872	Recycled Materials	88,032	75,000	90,000	90,000
443875	HHW Regional Fund Reimbursements	1,900,000	1,600,000	1,600,000	1,600,000
461100	Interest Earnings	269,481	450,000	182,000	166,000
516456	Landfill Closure Tax	1,549,284	1,664,026	1,581,783	1,595,267
516457	Transfer Tax - In City	3,743,536	2,686,462	2,683,002	2,708,621
543210	General Subfund - Operating Transfer In	1,243,912	1,240,000	1,185,636	1,181,094
543979	City Light for Customer Service	938,148	1,000,000	1,273,628	1,305,390
224300	Bond Issue Proceeds: Future Bonds	1,133,708	2,100,000	500,000	0
	TOTAL REVENUES	\$88,799,207	\$89,835,488	\$90,844,516	\$90,906,372
	Decrease (Increase) in Working Capital	4,637,593	4,079,387	1,320,340	370,780
	TOTAL RESOURCES	\$93,436,800	\$93,914,875	\$92,164,856	\$91,277,152

2001-2002 Estimated Revenues for the Water Fund

SUMMIT CODE	SOURCE	1999 ACTUAL	2000 REVISED	2001 ADOPTED	2002 ENDORSED
	Fund 43000 Water				
461100	Investment Interest	-353,211	264,648	259,000	140,000
461400	Other Interest	69,505	58,680	49,953	42,535
543979	Call Center Services - City Light	966,577	1,134,525	1,312,000	1,346,400
543979	Inventory Purchases - SEATRAN	418,000	418,000	418,000	418,000
485110	Sale of Property	1,845,891	3,535,000	0	0
485120	Timber Sales	28,353	0	0	0
443410	Retail Water Sales	56,470,636	71,236,000	75,740,000	81,889,000
443420	Wholesale Water Sales	27,322,589	32,319,060	33,730,000	35,253,000
443480	Misc. Water Service Charges	1,004,708	936,200	936,200	936,200
462500	Rentals--Non-City	111,869	100,550	111,869	111,869
443250	Services for Others	26,678	3,000	3,000	3,000
443979	Other Operating Revenues	80,117	162,650	80,000	80,000
459930	NSF Check Charges	18,048	23,500	23,500	23,500
482000	Contributions in Aid of Construction	6,748,130	4,050,200	4,586,500	4,641,387
224300	Bond Proceeds - Existing	100,383,747	89,602,000	42,677,000	0
224300	Bond Proceeds - Future	0	0	11,563,000	81,163,000
418200	Surcharge/Leashold Excise Tax	18,490	16,000	18,500	18,500
469100	Salvage	2,903	19,300	10,000	10,000
469990	Other Miscellaenous Revenue	35,185	200,000	0	0
	TOTAL REVENUE	\$195,198,215	\$204,079,313	\$171,518,522	\$206,076,391
	Decrease (Increase) in Working Capital	8,399,853	2,994,304	9,040,941	12,186,349
	TOTAL RESOURCES	\$203,598,068	\$207,073,617	\$180,559,463	\$218,262,740

Seattle Public Utilities (SPU) is implementing water rate increases of 8.0% and 7.2% effective May 16, 2001 and January 1, 2002 respectively. These revenues from these increases allow SPU to construct major new capital facilities while maintaining financial stability.

Capital Improvement Program

Highlights - Drainage and Wastewater

- ◆ **Combined Sewer Overflows (CSO):** Seattle Public Utilities is spending approximately \$42 million in 2001-2006 on the Combined Sewer Overflow Program. The largest project is the design and construction of the Denny Way/Lake Union CSO improvements. The Department completes its update of the CSO Plan in 2001, to guide the CSO program until 2006.
- ◆ **Drainage Improvements:** Seattle Public Utilities is spending approximately \$196 million for drainage improvements over the next six years. In addition to local drainage improvements, projects include stormwater detention and fish passage improvements. The Westlake Storm Drain Rehab project replaces a failed storm drain with several promising stormwater treatment technologies, to be evaluated over time for effectiveness.
- ◆ **Endangered Species Act:** Seattle Public Utilities has set aside funding for its share of the City's response to the listing of Chinook salmon under the Endangered Species Act. Approximately \$4.7 million is included in the 2001-2006 Drainage and Wastewater CIP for these projects.

Highlights - Solid Waste

- ◆ **Station Rehabilitation:** Seattle Public Utilities is working on long deferred rehabilitation projects at the recycling and disposal stations. These projects include seismic upgrades to the stations, improvements to the electrical and water drainage systems, and concrete repairs.
- ◆ **Station Improvements:** The Department is planning a separate recycling facility at the South Recycling and Disposal Station to promote increased recycling and allow for a safer and more efficient transfer of recyclable materials.
- ◆ **Landfill Projects:** The Midway Landfill, closed in 1983, has reached the point where the combustible gas being extracted from the site is insufficient to keep the current flares operating. The City, working with a consultant, has determined that the replacement of the larger flares with one smaller flare is the most cost-effective alternative.

Highlights - Water

- ◆ **Open Distribution System Reservoirs:** In compliance with water quality regulations, the City is planning to cover all nine open drinking-water reservoirs over the next 25 years. Hypochlorite treatment improvements are to be incorporated at five of the sites. During the 2001-2006 CIP period, Seattle Public Utilities is planning to complete covering three reservoirs (Lincoln, Bitter Lake, and Lake Forest Park) and to begin covering three additional reservoirs (Beacon, Volunteer, and Myrtle). Approximately \$46 million is included in the six-year CIP for these projects.

- ◆ **Cedar River Watershed Habitat Conservation Plan (HCP):** To ensure high quality source water in the Cedar River Watershed, an extensive watershed management program has been developed with investments in habitat protection. Major HCP components include fisheries enhancement, the protection of stream banks and watercourses, and restoration of watershed lands. Approximately \$44 million is included in the 2001-2006 CIP for these projects.
- ◆ **Endangered Species Act:** Seattle Public Utilities is developing projects as part of the City's overall response to the listing of Chinook salmon under the Endangered Species Act. Approximately \$3 million is included in the 2001-2006 Water CIP for these new projects.

Anticipated Operating Expenses Associated with Capital Facilities Projects

Total Operations and Maintenance costs of approximately \$1.9 million for the Water Fund and \$690,000 for the Drainage and Wastewater Fund are included in the Department's 2001-2002 budget. In some projects the Department has identified Operations and Maintenance costs of zero, or has not calculated a number (N/C). In these cases, the cost impacts of the project are either insignificant or are offset by cost savings realized by other projects.

- ◆ **Tolt Treatment Facility:** This project provides for the design and construction of a 120 million gallon per day capacity treatment facility on the Tolt River. The Tolt Filtration Plant ensures that the Tolt water supply meets all current and reasonably anticipated drinking water quality regulations, and improves the reliability of Seattle Public Utilities' overall water supply system. Seattle Public Utilities is currently implementing a design-build-operate approach for the completion of the design, construction, and long term operation of the plant. The estimated annual payments to the private operator of the Tolt Treatment Facility range from \$1.6 million to \$1.9 million.
- ◆ **Cedar River Watershed Education Center:** This project constructs a regional center for environmental education at the entrance to the Cedar River Watershed. The 9,868 square foot facility includes an interpretive hall with an interactive exhibit, an auditorium with a kitchen and meeting area that is available for conferences and private rentals, a learning laboratory for school and family programs, a heritage research library, and archival storage. The integrated landscape reflects varied plant communities of the watershed. Accessible trails and the relocated Cedar Falls Road connects the Center to the Rattlesnake Lake Recreation Area and three regional trail systems. The estimated annual cost of running the Education Center is \$149,000.

2001-2002 Capital Improvement Program Appropriation (in '000s)

Fund	Summit Code	Program	LTD	2000 Revised	2001 Adopted	2002 Endorsed
Drainage and Wastewater Fund						
	EA872699	Combined Sewer Overflow	5,144	3,400	8,397	8,002
	EA873499	Drainage Improvements	5,201	13,137	21,279	29,347
	EA872999	General Wastewater	565	1,872	4,118	4,123
	EA873399	Habitat and Sediments	1,741	500	1,940	1,200
	EA872899	Sewer Rehabilitation	9,494	3,922	6,494	9,459
	EA872799	Technology	4,431	3,019	1,315	1,283
Drainage and Wastewater Fund Total			26,576	25,850	43,543	53,414
Solid Waste Fund						
	E34805	New Facilities and Equipment	212	140	2,160	580
	E34806	Rehabilitation and Improvements	337	1,209	0	741
	E34807	Technology	4,497	2,910	1,403	1,126
Solid Waste Fund Total			5,046	4,259	3,563	2,447
Water Fund						
	A89A00F8	Habitat Conservation Program	11	0	4,688	8,755
	A89A00F2	Infrastructure	100,974	45,991	36,508	33,269
	A89A00F5	Other Agencies	6,279	2,283	3,239	2,636
	A89A00F7	Technology	16,342	6,143	4,692	5,298
	A89A00F3	Water Quality	78,374	40,189	14,549	42,600
	A89A00F4	Water Supply/Conservation/ESA	6,356	1,655	4,237	6,649
Water Fund Total			208,336	96,261	67,913	99,207
Total Appropriation			\$239,958	\$126,370	\$115,019	\$155,068