



# Seattle Public Utilities

Chuck Clark, Director

## Mission Statement

The mission of Seattle Public Utilities is to 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

<b>Fund/Line of Business</b>	<b>Summit Code</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
<b>Drainage &amp; Wastewater Fund</b>						
Drainage & Wastewater Utility	44010	172,044,862	184,922,355	197,567,388	208,182,388	206,877,857
<b>Engineering Services Fund</b>						
Engineering Services	53100	14,363,867	13,687,827	13,842,702	13,842,702	13,842,702
<b>Solid Waste Fund</b>						
Solid Waste Utility	45010	93,966,439	92,164,856	91,277,152	119,003,379	119,003,379
<b>Water Fund</b>						
Water Utility	43000	200,262,608	180,559,463	218,262,740	218,262,740	218,262,740
<b>Department Total</b>		<b>480,637,776</b>	<b>471,334,501</b>	<b>520,949,982</b>	<b>559,291,209</b>	<b>557,986,678</b>
<b>Positions</b> (In Full Time Equivalents)		<b>1,272.23</b>	<b>1,285.73</b>	<b>1,285.73</b>	<b>1,287.73</b>	<b>1,287.73</b>

## 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

- Attain a 90% approval rating from randomly surveyed customers.
- Answer at least 80% of calls to the Consolidated Customer Service System within 60 seconds.
- Limit the number of combined sewer outfalls with more than one overflow to no more than 58 per year.
- Incur zero sewer or drainage mainline backups resulting from uncompleted scheduled maintenance.

### Programs

<b>Program</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Administration	6,531,529	6,699,279	6,735,730	6,735,730	6,735,730
Capital Improvement Program	36,504,038	43,542,869	53,413,360	49,448,360	49,448,360
Customer Service	4,932,235	5,157,715	5,350,022	5,350,022	5,350,022
Engineering Services	1,756,046	1,735,030	1,803,687	1,803,687	1,803,687
Field Operations	12,673,191	11,856,038	12,184,379	12,184,379	12,184,379
General Expense	105,178,161	108,970,041	110,682,117	125,262,117	123,957,586
Resource Management	4,469,662	6,961,383	7,398,093	7,398,093	7,398,093
<b>Line of Business Total</b>	<b>172,044,862</b>	<b>184,922,355</b>	<b>197,567,388</b>	<b>208,182,388</b>	<b>206,877,857</b>
<b>Positions</b> (in Full Time Equivalents)	<b>332.12</b>	<b>337.78</b>	<b>342.93</b>	<b>342.93</b>	<b>342.93</b>

## Drainage & Wastewater Utility: Administration

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### 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 core financial, human resource, and information technology services to the entire Department.

### 2002 Proposed Program Changes

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

Transfer 0.26 FTE into the Drainage & Wastewater Administration program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	6,531,529	6,699,279	6,735,730	6,735,730	6,735,730
<b>Program Total</b>	<b>6,531,529</b>	<b>6,699,279</b>	<b>6,735,730</b>	<b>6,735,730</b>	<b>6,735,730</b>
<b>Positions</b> (in Full Time Equivalents)	<b>41.06</b>	<b>41.06</b>	<b>41.32</b>	<b>41.32</b>	<b>41.32</b>

## Drainage & Wastewater Utility: Capital Improvement Program

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### 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.

### 2002 Proposed Program Changes

Reduce funding for the Drainage Capital Improvement program in 2002 by \$3.9 million. This reflects staffing challenges and delays due to permitting issues. Additionally, fewer new projects than expected have been identified due to delays in completing drainage basin plans.

Transfer 4.29 FTE into the Drainage & Wastewater Capital Improvement program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	36,504,038	43,542,869	53,413,360	49,448,360	49,448,360
<b>Program Total</b>	<b>36,504,038</b>	<b>43,542,869</b>	<b>53,413,360</b>	<b>49,448,360</b>	<b>49,448,360</b>
<b>Positions</b> (in Full Time Equivalents)	<b>65.02</b>	<b>62.35</b>	<b>66.64</b>	<b>66.64</b>	<b>66.64</b>

## Drainage & Wastewater Utility: Customer Service

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### 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.

### 2002 Proposed Program Changes

Transfer 0.18 FTE into the Drainage & Wastewater Customer Service program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	4,932,235	5,157,715	5,350,022	5,350,022	5,350,022
<b>Program Total</b>	<b>4,932,235</b>	<b>5,157,715</b>	<b>5,350,022</b>	<b>5,350,022</b>	<b>5,350,022</b>
<b>Positions</b> (in Full Time Equivalents)	<b>57.28</b>	<b>57.45</b>	<b>57.63</b>	<b>57.63</b>	<b>57.63</b>

## Drainage & Wastewater Utility: Engineering Services

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### 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.

### 2002 Proposed Program Changes

There are no program changes from the 2002 Endorsed Budget to the 2002 Proposed Budget.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	1,756,046	1,735,030	1,803,687	1,803,687	1,803,687
<b>Program Total</b>	<b>1,756,046</b>	<b>1,735,030</b>	<b>1,803,687</b>	<b>1,803,687</b>	<b>1,803,687</b>
<b>Positions</b> (in Full Time Equivalents)	<b>13.43</b>	<b>14.43</b>	<b>14.43</b>	<b>14.43</b>	<b>14.43</b>

## Drainage & Wastewater Utility: Field Operations

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### 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.

### 2002 Proposed Program Changes

To assist salmon recovery, the Drainage & Wastewater Field Operations program will develop or update Standard Operating Procedures in 2002 to incorporate best management practices for maintenance work performed in the road rights-of-way, and will develop a phased worker training program.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	12,673,191	11,856,038	12,184,379	12,184,379	12,184,379
<b>Program Total</b>	<b>12,673,191</b>	<b>11,856,038</b>	<b>12,184,379</b>	<b>12,184,379</b>	<b>12,184,379</b>
<b>Positions</b> (in Full Time Equivalents)	<b>120.33</b>	<b>123.16</b>	<b>123.16</b>	<b>123.16</b>	<b>123.16</b>

## Drainage & Wastewater Utility: General Expense

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### 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.

### 2002 Proposed Program Changes

Increase the budget for the Drainage & Wastewater General Expense program by \$13.22 million in 2002 to fund higher King County/Metro wastewater treatment costs. SPU will pass on this cost increase to its customers through higher sewer rates.

Increase the budget for the Drainage & Wastewater General Expense program by \$1.36 million in 2002 to pay city and state taxes on increased sewer rate revenues.

### 2002 Adopted Program Changes

Decrease the budget for the Drainage & Wastewater General Expense program by \$1.3 million in 2002 to reflect lower debt service costs resulting from smaller bonds issued and lower interest payments.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	105,178,161	108,970,041	110,682,117	125,262,117	123,957,586
<b>Program Total</b>	<b>105,178,161</b>	<b>108,970,041</b>	<b>110,682,117</b>	<b>125,262,117</b>	<b>123,957,586</b>
<b>Positions</b> (in Full Time Equivalents)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>



## Drainage & Wastewater Utility: Resource Management

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### Purpose Statement

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

### 2002 Proposed Program Changes

Transfer 0.45 FTE into the Drainage & Wastewater Resource Management program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	4,469,662	6,961,383	7,398,093	7,398,093	7,398,093
<b>Program Total</b>	<b>4,469,662</b>	<b>6,961,383</b>	<b>7,398,093</b>	<b>7,398,093</b>	<b>7,398,093</b>
<b>Positions</b> (in Full Time Equivalents)	<b>35.00</b>	<b>39.33</b>	<b>39.75</b>	<b>39.75</b>	<b>39.75</b>

## Engineering Services

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### 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.

### Programs

<b>Program</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Administration	4,907,095	4,925,982	5,011,467	5,011,467	5,011,467
External Customers	9,435,229	8,761,845	8,831,235	8,831,235	8,831,235
General Expense	21,543	0	0	0	0
<b>Line of Business Total</b>	<b>14,363,867</b>	<b>13,687,827</b>	<b>13,842,702</b>	<b>13,842,702</b>	<b>13,842,702</b>
<b>Positions</b> (in Full Time Equivalents)	<b>116.80</b>	<b>116.90</b>	<b>116.32</b>	<b>116.32</b>	<b>116.32</b>

## Engineering Services: Administration

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### 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 core financial, human resource, and information technology services to the entire Department.

### 2002 Proposed Program Changes

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 \$451,752 in 2002 to reflect the transfer of the General Fund support of the City's GIS maintenance costs from Finance General. Associated funding is already included in the 2002 Endorsed Budget.

Transfer 0.08 FTE out of the Engineering Services Administration program as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	3,975,606	3,848,263	3,904,465	3,904,465	3,904,465
General Subfund	931,489	1,077,719	1,107,002	1,107,002	1,107,002
<b>Program Total</b>	<b>4,907,095</b>	<b>4,925,982</b>	<b>5,011,467</b>	<b>5,011,467</b>	<b>5,011,467</b>
<b>Positions</b> (in Full Time Equivalents)	<b>36.10</b>	<b>36.20</b>	<b>36.12</b>	<b>36.12</b>	<b>36.12</b>

## Engineering Services: External Customers

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### 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.

### 2002 Proposed Program Changes

Transfer 0.5 FTE out of the Engineering Services External Customers program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

Funding Source	2000 Actual	2001 Adopted	2002 Endorsed	2002 Proposed	2002 Adopted
Utility Rates & Charges	9,435,229	8,761,845	8,831,235	8,831,235	8,831,235
<b>Program Total</b>	<b>9,435,229</b>	<b>8,761,845</b>	<b>8,831,235</b>	<b>8,831,235</b>	<b>8,831,235</b>
<b>Positions</b> (in Full Time Equivalents)	<b>80.70</b>	<b>80.70</b>	<b>80.20</b>	<b>80.20</b>	<b>80.20</b>

## Engineering Services: General Expense

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### Purpose Statement

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

### 2002 Proposed Program Changes

There are no program changes from the 2002 Endorsed Budget to the 2002 Proposed Budget.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

Funding Source	2000 Actual	2001 Adopted	2002 Endorsed	2002 Proposed	2002 Adopted
Utility Rates & Charges	21,543	0	0	0	0
<b>Program Total</b>	<b>21,543</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Positions</b> (in Full Time Equivalents)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## Solid Waste Utility

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### 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

- Attain a 90% approval rating from randomly surveyed customers.
- Answer at least 80% of calls to the Consolidated Customer Service System within 60 seconds.
- Limit simple solid waste collection misses to 1 in 1,000.
- Achieve an annual citywide recycling rate of 49%.

### Programs

<b>Program</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Administration	4,964,241	4,826,159	4,898,036	5,023,036	5,023,036
Capital Improvement Program	4,715,240	3,562,982	2,447,114	2,447,114	2,447,114
Customer Service	4,255,700	4,607,008	4,739,511	4,886,809	4,886,809
Engineering Services	272,850	289,023	298,735	298,735	298,735
Field Operations	8,281,093	9,243,380	9,362,707	9,362,707	9,362,707
General Expense	61,837,909	61,867,361	61,863,747	89,230,676	89,230,676
Resource Management	9,639,406	7,768,943	7,667,302	7,754,302	7,754,302
<b>Line of Business Total</b>	<b>93,966,439</b>	<b>92,164,856</b>	<b>91,277,152</b>	<b>119,003,379</b>	<b>119,003,379</b>
<b>Positions</b> (in Full Time Equivalents)	<b>209.77</b>	<b>210.88</b>	<b>208.98</b>	<b>210.98</b>	<b>210.98</b>

## Solid Waste Utility: Administration

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### 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 core financial, human resource, and information technology services to the entire Department.

### 2002 Proposed Program Changes

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

Add \$125,000 to the Solid Waste Administration program in 2002 per Ordinance #120471. This funding covers professional services and TES associated with implementing new commercial garbage collection contracts.

Transfer 0.01 FTE out of the Solid Waste Administration program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	1,164,074	3,640,523	3,716,942	3,841,942	3,841,942
General Subfund	3,800,167	1,185,636	1,181,094	1,181,094	1,181,094
<b>Program Total</b>	<b>4,964,241</b>	<b>4,826,159</b>	<b>4,898,036</b>	<b>5,023,036</b>	<b>5,023,036</b>
<b>Positions</b> (in Full Time Equivalents)	<b>32.90</b>	<b>32.90</b>	<b>32.89</b>	<b>32.89</b>	<b>32.89</b>

## Solid Waste Utility: Capital Improvement Program

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### Purpose Statement

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

### 2002 Proposed Program Changes

Transfer 0.53 FTE out of the Solid Waste Capital Improvement program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	4,715,240	3,562,982	2,447,114	2,447,114	2,447,114
<b>Program Total</b>	<b>4,715,240</b>	<b>3,562,982</b>	<b>2,447,114</b>	<b>2,447,114</b>	<b>2,447,114</b>
<b>Positions</b> (in Full Time Equivalents)	<b>4.05</b>	<b>4.36</b>	<b>3.83</b>	<b>3.83</b>	<b>3.83</b>

## Solid Waste Utility: Customer Service

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### 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.

### 2002 Proposed Program Changes

Add \$147,298 and 2.0 FTE Solid Waste Field Representatives (Lead) to the Solid Waste Customer Service program in 2002, per Ordinance #120471. These positions monitor the implementation of new commercial garbage collection contracts.

Transfer 0.95 FTE out of the Solid Waste Customer Service program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	4,255,700	4,607,008	4,739,511	4,886,809	4,886,809
<b>Program Total</b>	<b>4,255,700</b>	<b>4,607,008</b>	<b>4,739,511</b>	<b>4,886,809</b>	<b>4,886,809</b>
<b>Positions</b> (in Full Time Equivalents)	<b>51.11</b>	<b>51.28</b>	<b>50.33</b>	<b>52.33</b>	<b>52.33</b>



## Solid Waste Utility: Engineering Services

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### 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.

### 2002 Proposed Program Changes

There are no program changes from the 2002 Endorsed Budget to the 2002 Proposed Budget.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	272,850	289,023	298,735	298,735	298,735
<b>Program Total</b>	<b>272,850</b>	<b>289,023</b>	<b>298,735</b>	<b>298,735</b>	<b>298,735</b>
<b>Positions</b> (in Full Time Equivalents)	<b>2.78</b>	<b>2.78</b>	<b>2.78</b>	<b>2.78</b>	<b>2.78</b>

## Solid Waste Utility: Field Operations

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### 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.

### 2002 Proposed Program Changes

Transfer 0.01 FTE out of the Solid Waste Field Operations program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	8,281,093	9,243,380	9,362,707	9,362,707	9,362,707
<b>Program Total</b>	<b>8,281,093</b>	<b>9,243,380</b>	<b>9,362,707</b>	<b>9,362,707</b>	<b>9,362,707</b>
<b>Positions</b> (in Full Time Equivalents)	<b>76.43</b>	<b>76.73</b>	<b>76.72</b>	<b>76.72</b>	<b>76.72</b>

## Solid Waste Utility: General Expense

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### 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.

### 2002 Proposed Program Changes

Add \$27.4 million to the Solid Waste General Expense program in 2002, per Ordinance #120471. This funding covers contract payments, taxes and fees associated with implementing new commercial garbage collection contracts.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	61,837,909	61,867,361	61,863,747	89,230,676	89,230,676
<b>Program Total</b>	<b>61,837,909</b>	<b>61,867,361</b>	<b>61,863,747</b>	<b>89,230,676</b>	<b>89,230,676</b>
<b>Positions</b> (in Full Time Equivalents)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## Solid Waste Utility: Resource Management

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### 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.

### 2002 Proposed Program Changes

Add \$87,000 in grant reimbursable funding to the Solid Waste Resource Management program in 2002. This funding pays for a second Natural Lawn & Garden Hotline operator. Funding is reimbursed through the Local Hazardous Waste Management program administered by King County, the City of Seattle, and other cities.

Transfer 0.40 FTE out of the Solid Waste Resource Management program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	9,639,406	7,768,943	7,667,302	7,754,302	7,754,302
<b>Program Total</b>	<b>9,639,406</b>	<b>7,768,943</b>	<b>7,667,302</b>	<b>7,754,302</b>	<b>7,754,302</b>
<b>Positions</b> (in Full Time Equivalents)	<b>42.50</b>	<b>42.83</b>	<b>42.43</b>	<b>42.43</b>	<b>42.43</b>

## 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

- Attain a 90% approval rating from randomly surveyed customers.
- Answer at least 80% of calls to the Consolidated Customer Service System within 60 seconds.
- Implement 1% water conservation, with target savings of 800,000 gallons per day.
- Incur zero acute water quality public health incidents per year.
- Complete 85% of new water service installations in single family residences (3/4" to 1") within 28 calendar days.
- Restore 95% of unplanned outages within 8 hours.

### Programs

<b>Program</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Administration	11,516,726	11,306,587	11,507,480	11,507,480	11,507,480
Capital Improvement Program	92,393,753	67,912,695	99,206,675	99,206,675	99,206,675
Customer Service	7,567,803	7,216,376	7,405,129	7,405,129	7,405,129
Engineering Services	2,330,019	2,435,886	2,520,447	2,520,447	2,520,447
Field Operations	12,368,250	12,160,487	12,301,834	12,301,834	12,301,834
General Expense	57,875,218	62,166,189	67,114,569	67,114,569	67,114,569
Resource Management	16,210,839	17,361,243	18,206,606	18,206,606	18,206,606
<b>Line of Business Total</b>	<b>200,262,608</b>	<b>180,559,463</b>	<b>218,262,740</b>	<b>218,262,740</b>	<b>218,262,740</b>
<b>Positions</b> (in Full Time Equivalents)	<b>613.54</b>	<b>620.17</b>	<b>617.50</b>	<b>617.50</b>	<b>617.50</b>

## Water Utility: Administration

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### 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 core financial, human resource, and information technology services to the entire Department.

### 2002 Proposed Program Changes

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

Transfer 1.13 FTE out of the Water Administration program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	11,516,726	11,306,587	11,507,480	11,507,480	11,507,480
<b>Program Total</b>	<b>11,516,726</b>	<b>11,306,587</b>	<b>11,507,480</b>	<b>11,507,480</b>	<b>11,507,480</b>
<b>Positions</b> (in Full Time Equivalents)	<b>74.19</b>	<b>75.19</b>	<b>76.32</b>	<b>76.32</b>	<b>76.32</b>

## 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.

### 2002 Proposed Program Changes

Provide funding of \$1.2 million in 2002 for projects resulting from the February 2001 Nisqually earthquake. Funding is freed up by reducing funding for the Seismic Upgrade: Pipeline Backbone System Project in 2002 by \$1.2 million. Projects related to the earthquake include the following: Eastside Reservoir Repair, Masonry Pool Slide Repair at the Chester Morse Dam, Tolt Pipeline One at Tolt East Side Supply (TESS) Junction Repair, 24-inch Holgate Watermain Replacement, and Mercer Island Supply Line Repair.

Transfer 1.89 FTE out of the Water Capital Improvement program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	92,393,753	67,912,695	99,206,675	99,206,675	99,206,675
<b>Program Total</b>	<b>92,393,753</b>	<b>67,912,695</b>	<b>99,206,675</b>	<b>99,206,675</b>	<b>99,206,675</b>
<b>Positions</b> (in Full Time Equivalents)	<b>170.76</b>	<b>173.75</b>	<b>171.86</b>	<b>171.86</b>	<b>171.86</b>

## Water Utility: Customer Service

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### 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.

### 2002 Proposed Program Changes

Transfer 1.18 FTE out of the Water Customer Service program in 2002 as part of the 2002 Endorsed Budget. This transfer is the result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	7,567,803	7,216,376	7,405,129	7,405,129	7,405,129
<b>Program Total</b>	<b>7,567,803</b>	<b>7,216,376</b>	<b>7,405,129</b>	<b>7,405,129</b>	<b>7,405,129</b>
<b>Positions</b> (in Full Time Equivalents)	<b>92.67</b>	<b>92.67</b>	<b>91.49</b>	<b>91.49</b>	<b>91.49</b>



## Water Utility: Engineering Services

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### 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.

### 2002 Proposed Program Changes

Transfer 0.01 FTE out of the Water Engineering Services program in 2002 as part of the 2002 Endorsed Budget, as a result of internal SPU position transfers.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	2,330,019	2,435,886	2,520,447	2,520,447	2,520,447
<b>Program Total</b>	<b>2,330,019</b>	<b>2,435,886</b>	<b>2,520,447</b>	<b>2,520,447</b>	<b>2,520,447</b>
<b>Positions</b> (in Full Time Equivalents)	<b>20.78</b>	<b>21.78</b>	<b>21.77</b>	<b>21.77</b>	<b>21.77</b>

## Water Utility: Field Operations

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### 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, and safe supply of high quality drinking water.

### 2002 Proposed Program Changes

To assist salmon recovery, the Water Field Operations program will develop or update Standard Operating Procedures in 2002 to incorporate best management practices for maintenance work performed in the road rights-of-way, and will develop a phased worker training program.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	12,368,250	12,160,487	12,301,834	12,301,834	12,301,834
<b>Program Total</b>	<b>12,368,250</b>	<b>12,160,487</b>	<b>12,301,834</b>	<b>12,301,834</b>	<b>12,301,834</b>
<b>Positions</b> (in Full Time Equivalents)	<b>132.10</b>	<b>132.40</b>	<b>132.40</b>	<b>132.40</b>	<b>132.40</b>

## Water Utility: General Expense

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### 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.

### 2002 Proposed Program Changes

There are no program changes from the 2002 Endorsed Budget to the 2002 Proposed Budget.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	57,875,218	62,166,189	67,114,569	67,114,569	67,114,569
<b>Program Total</b>	<b>57,875,218</b>	<b>62,166,189</b>	<b>67,114,569</b>	<b>67,114,569</b>	<b>67,114,569</b>
<b>Positions</b> (in Full Time Equivalents)	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

## Water Utility: Resource Management

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### 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.

### 2002 Proposed Program Changes

There are no program changes from the 2002 Endorsed Budget to the 2002 Proposed Budget.

### 2002 Adopted Program Changes

There are no program changes from the 2002 Proposed Budget to the 2002 Adopted Budget.

### Resources

<b>Funding Source</b>	<b>2000 Actual</b>	<b>2001 Adopted</b>	<b>2002 Endorsed</b>	<b>2002 Proposed</b>	<b>2002 Adopted</b>
Utility Rates & Charges	16,210,839	17,361,243	18,206,606	18,206,606	18,206,606
<b>Program Total</b>	<b>16,210,839</b>	<b>17,361,243</b>	<b>18,206,606</b>	<b>18,206,606</b>	<b>18,206,606</b>
<b>Positions</b> (in Full Time Equivalents)	<b>123.04</b>	<b>124.38</b>	<b>123.66</b>	<b>123.66</b>	<b>123.66</b>

## 2002 Estimated Revenues for the Drainage and Wastewater Fund

SUMMIT CODE	SOURCE	2000 ACTUAL	2001 REVISED	2002 ENDORSED	2002 PROPOSED	2002 ADOPTED
Fund: 44010 Drainage and Wastewater						
434010	State Grants	0	0	0	0	0
443527	Wastewater Service Rates	113,955,232	118,247,922	119,817,653	132,908,069	132,908,069
443631	Drainage Service Rates	16,085,024	22,380,145	22,372,680	22,375,333	22,375,333
443691	Side Sewer Permit Fees	399,674	399,674	298,501	399,674	399,674
443691	Connection Fees	62,145	62,145	37,273	62,145	62,145
443694	Drainage Permit Fees	312,876	312,876	273,596	312,876	312,876
City Light Revenues for Customer						
543979	Service	1,096,280	-	1,306,800	-	-
461110	Interest Earnings-Residual Cash	2,551,451	1,843,102	1,641,077	1,693,346	1,693,346
	Transfer from Construction Fund	30,569,245	34,235,000	25,032,300	39,550,000	39,550,000
	<b>TOTAL REVENUES</b>	<b>\$165,031,927</b>	<b>\$177,480,864</b>	<b>\$170,779,880</b>	<b>\$197,301,443</b>	<b>\$197,301,443</b>
	Decrease (Increase) in Working Capital	4,517,799	7,441,491	26,787,508	10,880,945	9,576,414
	<b>TOTAL RESOURCES</b>	<b>\$169,549,726</b>	<b>\$184,922,355</b>	<b>\$197,567,388</b>	<b>\$208,182,388</b>	<b>\$206,877,857</b>

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

SPU is also implementing wastewater rate increases of 3.9% and 16% effective January 1, 2001 and January 1, 2002 respectively. The 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.

## 2002 Estimated Revenues for the Engineering Services Fund

SUMMIT CODE	SOURCE	2000 ACTUAL	2001 REVISED	2002 ENDORSED	2002 PROPOSED	2002 ADOPTED
Fund: 53100 Engineering Services Fund						
444100	Public Reimbursables	624,248	524,111	516,054	516,054	516,054
441500	Maps and Publication Sales	217,370	403,184	412,719	412,719	412,719
541490	Administrative Fees	2,708,310	3,049,984	3,052,694	3,052,694	3,052,694
541850	DP-Technologies and Operations	1,493,698	1,676,925	1,712,483	1,712,483	1,712,483
543210	Services to Other Departments	1,555,068	2,612,253	2,605,832	2,605,832	2,605,832
543210	General Subfund	931,489	1,077,719	1,107,002	1,107,002	1,107,002
543210	Transportation Fund	2,918,230	4,685,518	4,793,399	4,793,399	4,793,399
	<b>TOTAL REVENUES</b>	<b>\$10,448,413</b>	<b>\$14,029,694</b>	<b>\$14,200,183</b>	<b>\$14,200,183</b>	<b>\$14,200,183</b>
	Decrease (Increase) in Working Capital	869,239	(341,867)	(357,481)	(357,481)	(357,481)
	<b>TOTAL RESOURCES</b>	<b>\$11,317,652</b>	<b>\$13,687,827</b>	<b>\$13,842,702</b>	<b>\$13,842,702</b>	<b>\$13,842,702</b>

## 2002 Estimated Revenues for the Solid Waste Utility Fund

SUMMIT CODE	SOURCE	2000 ACTUAL	2001 REVISED	2002 ENDORSED	2002 PROPOSED	2002 ADOPTED
	Fund: 45010 Solid Waste Utility					
416456	Landfill Closure Tax	3,117,600	3,385,317	3,361,584	3,361,584	3,361,584
416457	New Transfer Tax - In City	990,843	1,012,500	956,250	956,250	956,250
416458	New Transfer Tax - Out of City	1,658,815	1,828,125	1,828,125	1,828,125	1,828,125
434010	State Grants - Operating	641,605	400,000	400,000	400,000	400,000
443710	Commercial Utility Revenue	0	32,186,554	0	41,342,873	41,342,873
443731	Collection Charges	50,147,568	50,832,644	51,191,590	51,191,590	51,191,590
443741	Transfer Station Disposal Charges	10,005,281	9,507,540	9,592,287	9,592,287	9,592,287
443745	Commercial Disposal Charges	14,841,151	3,587,247	14,930,164	1,307,218	1,307,218
443872	Recycled Materials	91,380	90,000	90,000	90,000	90,000
443875	HHW Regional Fund Reimbursements	1,683,909	1,600,000	1,600,000	1,687,000	1,687,000
461100	Interest Earnings	573,392	182,000	166,000	166,000	166,000
516456	Landfill Closure Tax	1,723,515	1,581,793	1,595,267	1,595,267	1,595,267
516457	Transfer Tax - In City	2,680,959	2,683,002	2,708,621	2,708,621	2,708,621
587001	General Subfund - Operating Transfer In	1,164,074	1,185,626	1,181,094	1,181,094	1,181,094
543979	City Light for Customer Service	1,096,280	250,396	1,305,390	0	0
224300	Bond Issue Proceeds: Future Bonds	2,132,445	2,389,548	0	0	0
	<b>TOTAL REVENUES</b>	<b>\$92,548,817</b>	<b>\$112,702,292</b>	<b>\$90,906,372</b>	<b>\$117,407,909</b>	<b>\$117,407,909</b>
	Decrease (Increase) in Working Capital	1,453,677	912,924	370,780	1,595,470	1,595,470
	<b>TOTAL RESOURCES</b>	<b>\$94,002,494</b>	<b>\$113,615,216</b>	<b>\$91,277,152</b>	<b>\$119,003,379</b>	<b>\$119,003,379</b>

## 2002 Estimated Revenues for the Water Fund

SUMMIT CODE	SOURCE	2000 ACTUAL	2001 REVISED	2002 ENDORSED	2002 PROPOSED	2002 ADOPTED
	Fund 43000 Water					
461100	Investment Interest	131,714	205,427	140,000	205,427	205,427
461400	Other Interest	62,430	62,430	42,535	42,535	42,535
543979	Call Center Services - City Light	1,129,501	257,983	1,346,400	-	-
543979	Inventory Purchases - SEATRAN	359,341	418,000	418,000	418,000	418,000
485110	Sale of Property	1,969,498	1,435,000	-	-	-
485120	Timber Sales	14,194	-	-	-	-
443410	Retail Water Sales	71,059,676	71,274,000	81,889,000	84,174,000	84,174,000
443420	Wholesale Water Sales	33,121,430	29,379,000	35,253,000	34,950,000	35,250,615
443480	Misc. Water Service Charges	1,151,856	936,200	936,200	936,200	936,200
462500	Rentals--Non-City	237,684	111,869	111,869	111,869	111,869
443250	Services for Others	50,191	15,000	3,000	3,000	3,000
443979	Other Operating Revenues	243,902	80,000	80,000	80,000	80,000
459930	NSF Check Charges	21,743	23,500	23,500	23,500	23,500
482000	Contributions in Aid of Construction	5,183,193	4,586,500	4,641,387	4,641,386	4,641,386
224300	Bond Proceeds - Existing	83,758,843	51,910,000	-	-	-
224300	Bond Proceeds - Future		8,027,000	81,163,000	84,021,000	84,021,000
418200	Surcharge/Leashold Excise Tax			18,500	18,500	18,500
469100	Salvage	40,467	10,000	10,000	10,000	10,000
469990	Other Miscellaneous Revenue	588,696	-	-	-	-
	<b>TOTAL REVENUE</b>	<b>\$ 199,124,359</b>	<b>\$ 168,731,909</b>	<b>\$ 206,076,391</b>	<b>\$ 209,635,417</b>	<b>\$ 209,936,032</b>
	Decrease (Increase) in Working Capital	(4,940,346)	11,827,554	12,186,349	8,627,323	8,326,708
	<b>TOTAL RESOURCES</b>	<b>\$ 194,184,013</b>	<b>\$ 180,559,463</b>	<b>\$ 218,262,740</b>	<b>\$ 218,262,740</b>	<b>\$ 218,262,740</b>

Seattle Public Utilities (SPU) is implementing a water rate increase of 6.7% effective January 1, 2002. The revenues from this increase 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 \$37 million in 2002-2007 on the Combined Sewer Overflow Program. The largest project is the design and construction of the Denny Way/Lake Union CSO improvements (Project C3AA104). The Department completes its update of the CSO Plan in 2001 in order to guide the CSO program until 2007.
- ◆ **Drainage Improvements:** Seattle Public Utilities is spending approximately \$170 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, which are to be evaluated over time for effectiveness and long-range costs.
- ◆ **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 \$5.4 million is included in the 2002-2007 Adopted Drainage and Wastewater CIP for these projects.
- ◆ **Nisqually Earthquake:** SPU does not have any drainage or wastewater CIP projects directly related to the February 28<sup>th</sup> Nisqually Earthquake.

### Highlights - Solid Waste

- ◆ **Rehabilitation and Improvements:** Seattle Public Utilities is working on long-deferred rehabilitation projects at the recycling and disposal stations as well as landfill maintenance and improvements. These projects include replacement of the large garbage compactors, scalehouse heating, ventilating and air conditioning (HVAC) systems, and the electrical systems at the stations. Projects also include replacing the flares at the Midway Landfill and diversion of the North Pond at Kent Highlands Landfill to surface water.
- ◆ **CIP Management Master Plan:** The recently created Solid Waste Line of Business Team has started to re-evaluate the current Solid Waste Facility Plan. A comprehensive, strategic, long-term master plan for the disposal and recycling stations is being developed. Early in 2001, a facility-planning workshop was held to begin generating ideas for the master plan.
- ◆ **Nisqually Earthquake:** The February 28, 2001 Nisqually Earthquake did not have an impact on the Solid Waste Capital Improvement Plan.

### Highlights - Water

- ◆ **Cedar Treatment Facility:** The new Cedar Treatment Facility improves the quality of water from the Cedar source, ensures compliance with drinking water regulations and the State Department of Health agreed order, and improves periodic taste and odor problems. The project includes a disinfection facility and clearwell; a new Lake Youngs intake and pump station; and improvements to existing water transmission lines. A total of \$110 million was included in the 2001-2006 Adopted CIP for the completion of this facility. The cost of the contract negotiated in 2001 was \$22 million less than was anticipated in that CIP.



- ◆ **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 2002-2007, Seattle Public Utilities plans to finish covering three reservoirs (Lincoln, Bitter Lake, and Lake Forest Park) and to begin covering three additional reservoirs (Beacon, Volunteer, and Myrtle). Approximately \$38 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. Major HCP components include investments in habitat protection, such as fisheries enhancement, the protection of stream banks and watercourses, and restoration of watershed lands. Approximately \$43 million is included in the 2002-2007 Adopted 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 2002-2007 Adopted Water CIP for these new projects.
- ◆ **Nisqually Earthquake:** SPU anticipates spending approximately \$3.2 million between 2001 and 2002 on various infrastructure repairs resulting from the February 28, 2001 Nisqually Earthquake. SPU anticipates that the Federal Emergency Management Agency (FEMA) will reimburse 75% of project cost for eligible projects. Timing of FEMA reimbursement varies depending on the project size. Most small projects should receive reimbursement sometime in 2001 or early 2002. The large projects, with cost greater than \$50,600, receive reimbursement upon completion of the project in late 2002 or early 2003. While SPU expects to receive FEMA reimbursement in 2002 and 2003, the Department is managing projects based on its current funding capacity. SPU plans to use cash and existing bond funds to "float" the costs of the earthquake projects until reimbursement is received from FEMA.

## Anticipated Operating Expenses Associated with Capital Facilities Projects

Total Operations and Maintenance costs of approximately \$1.9 million for the Water Fund and \$675,000 for the Drainage and Wastewater Fund are included in the Department's 2002 Proposed 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.

- ◆ **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 the varied plant communities of the watershed. Accessible trails and the relocated Cedar Falls Road connect 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.
- ◆ **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 cost of running the plant in 2002 is \$1.6 million.

### 2002 Capital Improvement Program Appropriation (in '000s)

Fund	Summit Code	Program	LTD	2001 Revised	2002 Endorsed	2002 Proposed	2002 Adopted
Drainage and Wastewater Fund							
	EA872699	Combined Sewer Overflow	7,902	7,925	8,002	5,065	5,065
	EA873499	Drainage Improvements	12,535	20,298	29,347	25,423	25,423
	EA872999	General Wastewater	2,572	3,412	4,123	3,093	3,093
	EA873399	Habitat and Sediments	1,424	240	1,200	320	320
	EA872899	Sewer Rehabilitation	14,058	7,441	9,459	14,264	14,264
	EA872799	Technology	7,355	1,280	1,283	1,283	1,283
<b>Drainage and Wastewater Fund Total</b>			<b>45,846</b>	<b>40,596</b>	<b>53,414</b>	<b>49,448</b>	<b>49,448</b>
Solid Waste Fund							
	E34805	New Facilities and Equipment	352	2,160	580	1,030	1,030
	E34806	Rehabilitation and Improvements	1,497	0	741	291	291
	E34807	Technology	7,110	1,226	1,126	1,126	1,126
<b>Solid Waste Fund Total</b>			<b>8,959</b>	<b>3,386</b>	<b>2,447</b>	<b>2,447</b>	<b>2,447</b>
Water Fund							
	A89A00F8	Habitat Conservation Program	11	4,688	8,755	8,755	8,755
	A89A00F2	Infrastructure	145,928	33,796	33,269	33,269	33,269
	A89A00F5	Other Agencies	8,558	3,156	2,636	2,636	2,636
	A89A00F7	Technology	22,262	4,589	5,298	5,298	5,298
	A89A00F3	Water Quality	23,576	13,784	42,600	42,600	42,600
	A89A00F4	Water Supply/Conservation/ESA	8,011	4,237	6,649	6,649	6,649
<b>Water Fund Total</b>			<b>208,346</b>	<b>64,250</b>	<b>99,207</b>	<b>99,207</b>	<b>99,207</b>
<b>Total Appropriation</b>			<b>\$263,151</b>	<b>\$108,232</b>	<b>\$155,068</b>	<b>\$151,102</b>	<b>\$151,102</b>