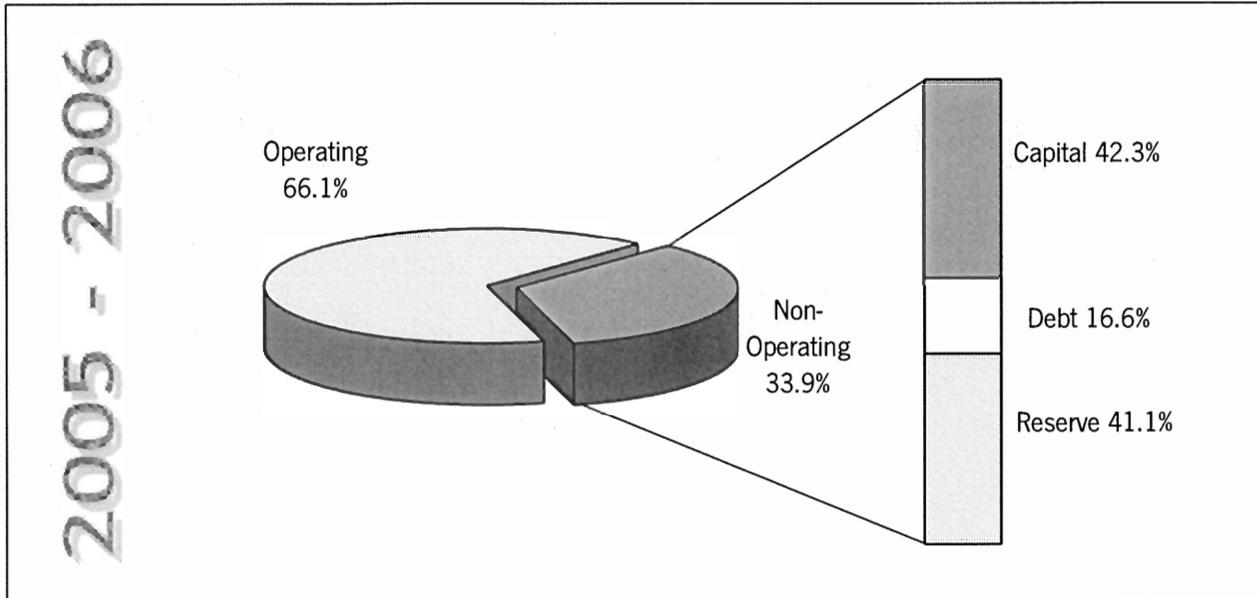


**CITY OF KIRKLAND
 WATER/SEWER UTILITY
 2005-2006 BUDGET SUMMARY: BY FUND TYPE/FUND**



The Water/Sewer Utility operating budget accounts for the purchase of water from the Cascade Water Alliance and sewage treatment services from METRO/King County as well as all maintenance and administrative costs. The non-operating budget accounts for principal and interest payments on utility debt, capital projects, and reserves.

Analysis of Change

Fund	2003-2004 Budget	2005-2006 Budget	Percent Change
Operating Fund			
411 Water/Sewer Operating	32,179,514	34,270,992	6.50%
Total Operating Fund	32,179,514	34,270,992	6.50%
Non-Operating Funds			
412 Water/Sewer Debt Service	5,534,622	3,753,903	-32.17%
413 Utility Capital Projects	16,394,719	13,806,715	-15.79%
Total Non-Operating Funds	21,929,341	17,560,618	-19.92%
Total Water/Sewer Utility Funds	54,108,855	51,831,610	-4.21%

CITY OF KIRKLAND
CHANGE IN FUND BALANCE (Beginning 2004 to Ending 2006)
WATER/SEWER UTILITY FUNDS

	Water/Sewer Operating	Non-Operating		Total
		Water/Sewer Debt Service	Utility Capital Projects	
2004 Actual Beginning Fund Balance	3,463,816	845,962	10,061,727	14,371,505
<i>Reserved</i>	<i>1,331,493</i>	<i>845,962</i>	<i>1,751,380</i>	<i>3,928,835</i>
<i>Unreserved Working Capital</i>	<i>2,132,323</i>	<i>0</i>	<i>8,310,347</i>	<i>10,442,670</i>
Plus: 2004 Estimated Revenues	14,560,183	2,326,142	4,626,779	21,513,104
Less: 2004 Estimated Expenditures	14,137,499	2,326,142	5,745,404	22,209,045
2004 Estimated Ending Fund Balance	3,886,500	845,962	8,943,102	13,675,564
Less: Funding for Carryovers to 2005	164,602	0	2,858,563	3,023,165
2005 Budgeted Beginning Fund Balance	3,721,898	845,962	6,084,539	10,652,399
Plus: 2005 Budgeted Revenues	15,076,094	1,429,291	4,327,135	20,832,520
Less: 2005 Budgeted Expenditures	14,706,199	1,429,291	4,743,994	20,879,484
Plus: 2006 Budgeted Revenues	15,473,000	1,478,650	3,395,041	20,346,691
Less: 2006 Budgeted Expenditures	15,029,369	1,478,650	2,696,800	19,204,819
2006 Budgeted Ending Fund Balance	4,535,424	845,962	6,365,921	11,747,307
<i>Reserved</i>	<i>1,436,674</i>	<i>845,962</i>	<i>1,766,520</i>	<i>4,049,156</i>
<i>Unreserved Working Capital</i>	<i>3,098,750</i>	<i>0</i>	<i>4,599,401</i>	<i>7,698,151</i>
Change in Fund Balance: Beginning 2004 to Ending 2006	1,071,608	0	(3,695,806)	(2,624,198)

Notes:

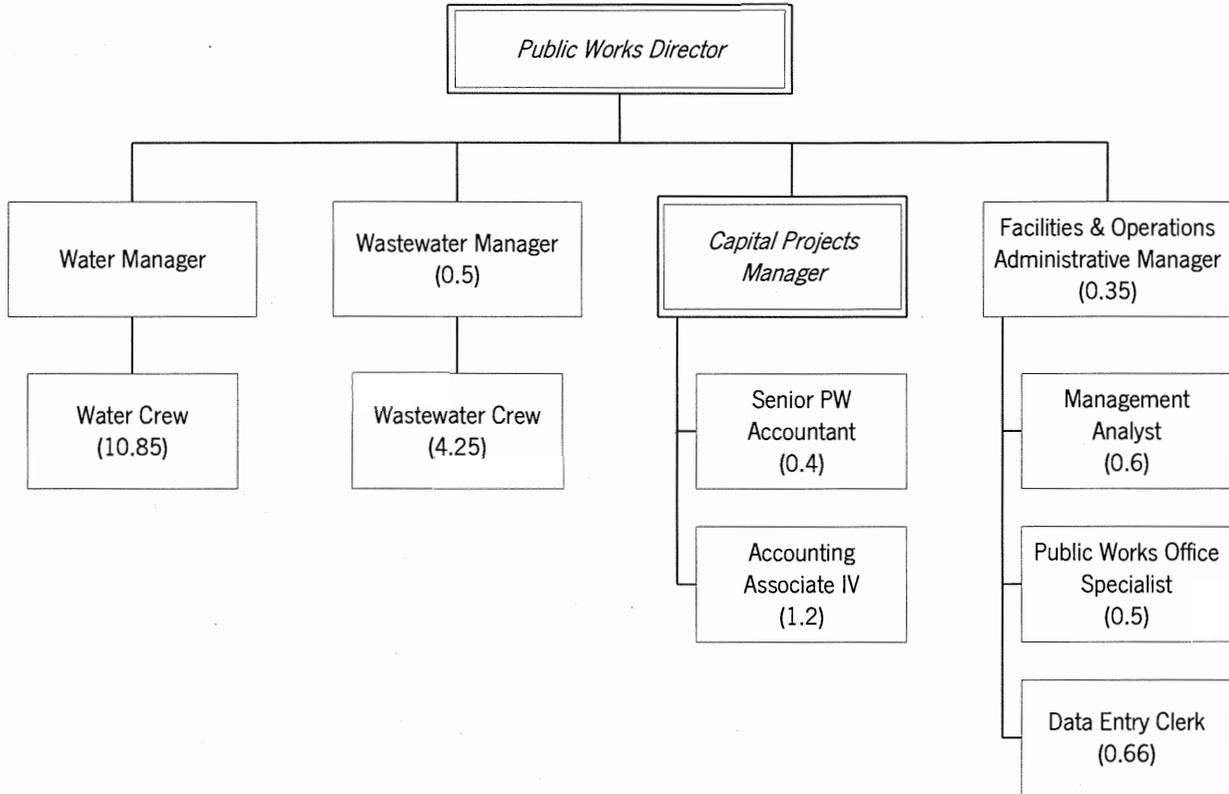
The reduction in fund balance of the Utility Capital Projects Fund is due to the completion of capital projects that were funded but not constructed in the prior year. The water/sewer construction reserve within the Utility Capital Projects Fund accumulates resources for future projects.

OPERATING



CITY OF KIRKLAND
Public Works Department

Water/Sewer Operating Fund



Boxes with a double outline and italic text indicate positions which report to this department but which are budgeted in a separate operating fund.



DEPARTMENT OVERVIEW

WATER/SEWER OPERATING FUND

MISSION

The Water/Sewer Utility Division of the Public Works Department is responsible for the maintenance, operation, and minor construction of water and sewer system appurtenances, including water and sewer services, mains, and related infrastructure.

DEPARTMENT FUNCTIONS

The **Utility Operations Division** operates, maintains, and repairs 100 miles of sewer mains, 2,500 manholes, eight sewer lift stations, all water mains, 32 pressure-reducing stations (PRVs), three water pump stations, two water reservoirs, and 1,500 fire hydrants. The sewer system serves approximately 6,500 accounts and the water system serves approximately 10,400 accounts.

The **Administration Division** accounts for all full-time, regular employee benefits, interfund charges and transfers for debt, and taxes paid to other jurisdictions.

The **Capital Construction Division** accounts for construction of all new minor services such as installation of new single-family water connections, man-hole construction, and water valve construction that are not included in the Capital Improvement Program.

The **Utility Joint Facilities Division** accounts for the maintenance of all water facilities that were acquired as a result of the assumption of the Rose Hill Water District. Maintenance costs associated with jointly-owned facilities are charged to the City of Redmond, based upon their ownership percentage.

2004 ACCOMPLISHMENTS

- Completed in-house GIS mapping of wastewater system.
- Eliminated Juanita sewage pump station.
- Complete half yearly minimum slope flushing of sewer mains less than .5% grade.

- Video inspected all sewer mains prior to street overlay repair as needed.
- Rehabilitated wastewater facilities prior to 2004 street overlay.
- Provided temporary inspector for engineering.
- Replaced water services in conjunction with the annual street overlay program.
- Replaced substandard fire hydrants in conjunction with the annual street overlay program.
- Provided inspection and consultation for the construction of the new 650 Zone Pump Station.
- Completed the water main valve exercise program.
- Will sandblast and paint a number of fire hydrants.
- Will replace approximately 600 meters with the water meter replacement program.
- Participated in preparing the City's Water System Security Vulnerability Assessment.
- Rebuilt two PRVs as part of the PRV maintenance program.
- Information related to infrastructure tracking and customer service is entered daily into the Maintenance Management Information System (MMIS).

2005-2006 OBJECTIVES

Investment in the Infrastructure

- Update the Water Comprehensive Plan.
- Participate in the implementation of the Water System Security Vulnerability Assessment recommendations.
- Continue to perform ongoing maintenance programs which have proved to be beneficial

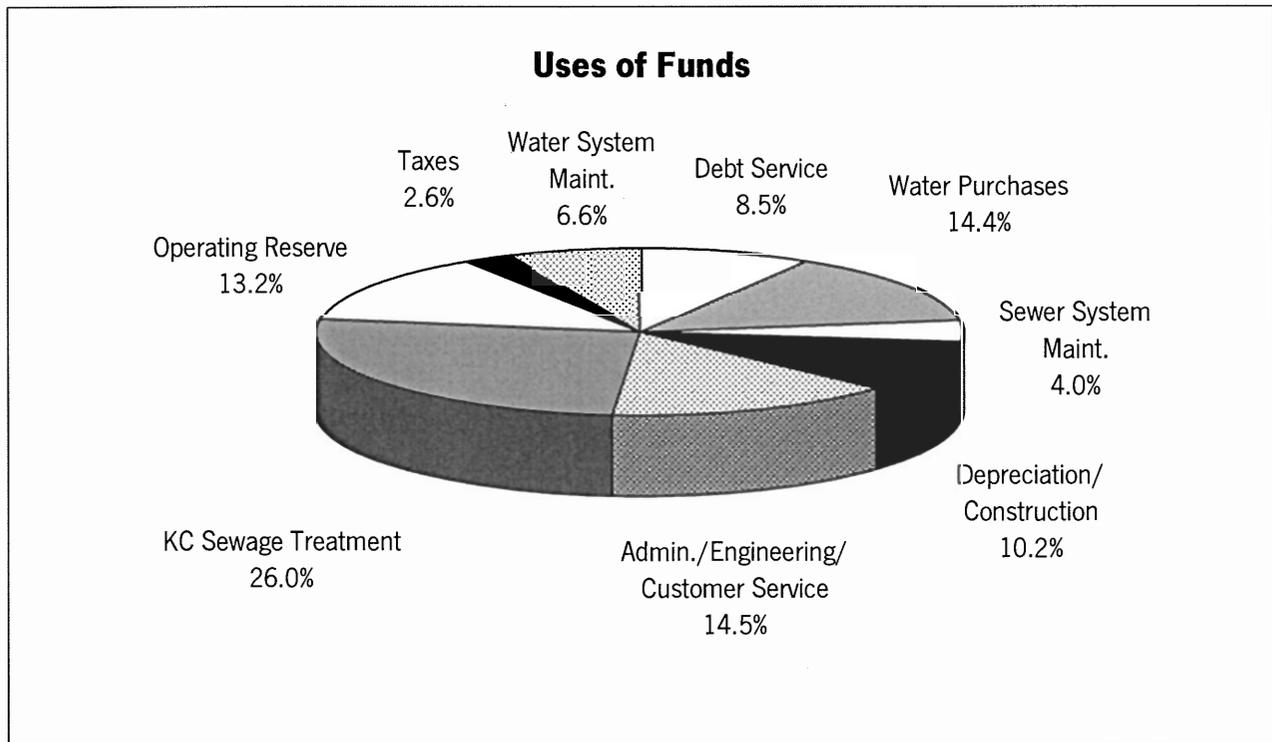
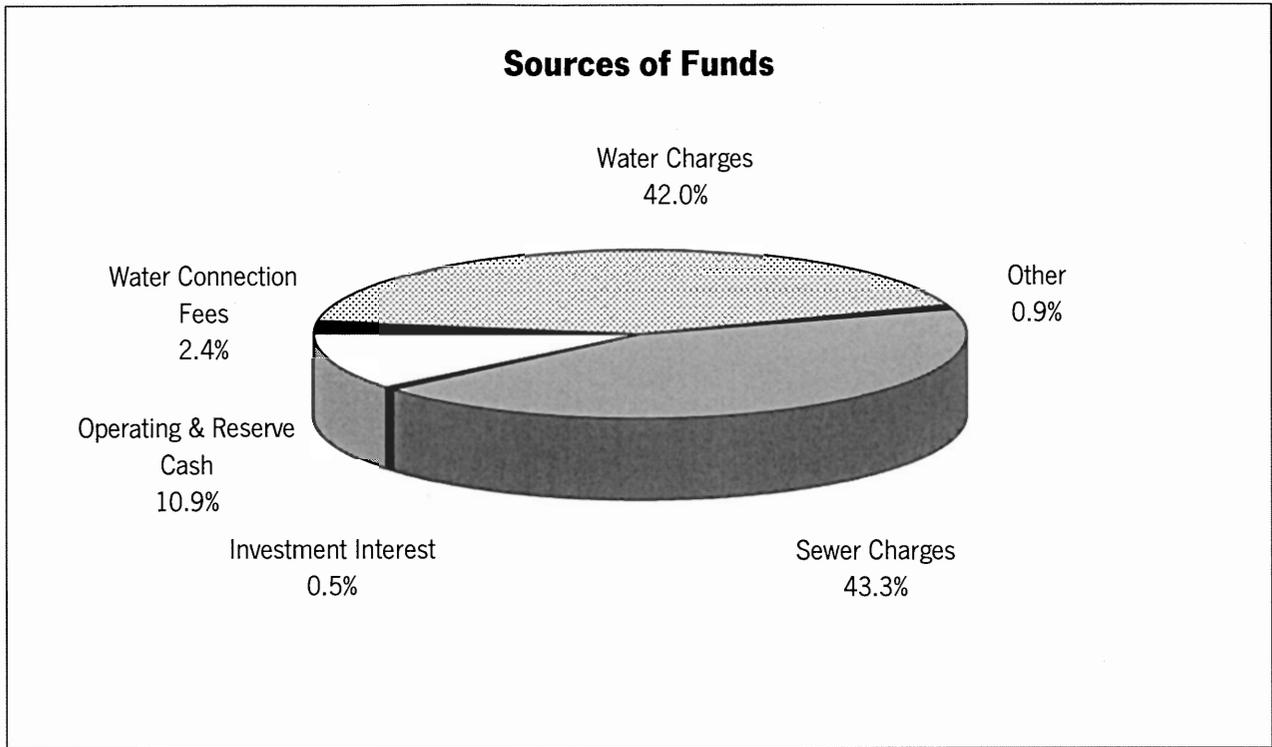
to the department (i.e. flushing, valve exercising, meter change-out, etc.).

- Rehabilitate and extend the life of stormwater and wastewater structures for 2005 and 2006 street overlays.

- Continue the pipeline video inspection of surface water and wastewater facilities and replace deficient pipes.

- Use Hansen MMIS for all Surface Water & Wastewater assets planning and maintenance.

**2005-2006 BUDGET
WATER/SEWER OPERATING FUND**



2005-2006 BUDGET ANALYSIS

WATER/SEWER OPERATING FUND

ANALYSIS OF CHANGES

2004 Approved Budget	17,757,107
Less Reserves	(3,448,914)
2004 Approved Budget (Excluding Reserves)	<u>14,308,193</u>

2005 Basic Budget Increases:

Metro Sewer Charges	412,031	
Geographic Information System Funding	100,000	
Capital Improvement Program Funding Transfer	80,776	
Fleet Internal Charges	41,855	
Regional Capital Facilities Charge (Cascade Water Alliance)	40,763	
Employee Benefits	37,603	
Replacement Capital	19,900	
Insurance	11,679	
Salaries & Wages	9,356	
Total Basic Budget Increases	<u>753,963</u>	

2005 Basic Budget Decreases:

One-Time Adjustments & Carryovers	(257,320)	
Water Purchases (City of Seattle & Cascade Water Alliance)	(257,236)	
Central Services, Engineering Services & Utility Billing Internal Charges	(16,906)	
Facilities Maintenance Internal Charges	(15,271)	
Debt Service	(11,237)	
Net Miscellaneous Decreases	(8,050)	
Sewer Main Construction	(7,000)	
Total Basic Budget Decreases	<u>(573,020)</u>	

2005 Basic Budget	14,489,136
--------------------------	-------------------

2005 Service Packages:

Pipeline Video Inspection Truck/Equipment	145,641	
Utility Billing Customer Accounts Associate	31,264	
GIS Strategic Plan	25,000	
Wireless Access for Field Workers	10,358	
Hansen Asset Management Software Sewer Module	4,800	
Sewer Comprehensive Plan (\$80,000 Offset by Reduced CIP Transfer)	-	
Help Desk & Telephone Support (892 Offset by Expenditure Savings)	-	
Total Service Packages	<u>217,063</u>	

2005 Final Budget (Excluding Reserves)	<u>14,706,199</u>
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COMPARISON OF 2004 BUDGET TO 2005 BUDGET

	Difference	% Change
2004 Approved Budget (Excluding Reserves) to 2005 Final Budget (Excluding Reserves)	398,006	2.78%

2005-2006 BUDGET ANALYSIS

WATER/SEWER OPERATING FUND

ANALYSIS OF CHANGES

2005 Final Budget (Excluding Reserves) 14,706,199

2006 Basic Budget Increases:

Metro Sewer Charges	218,043
Salaries & Wages	89,680
Debt Service (New Public Works Trust Fund Loan-Central Way Sewer)	49,359
Central Services, Engineering Services & Utility Billing Internal Charges	46,151
Water Purchases (Cascade Water Alliance)	24,532
Regional Capital Facilities Charge (Cascade Water Alliance)	20,866
Employee Benefits	19,564
Insurance	13,376
Excise Taxes	10,546
Fleet Internal Charges	7,591
Net Miscellaneous Increases	4,567
Facilities Maintenance Internal Charges	4,367

Total Basic Budget Increases 508,642

2006 Basic Budget Decreases:

One-Time Adjustments	(172,290)
Replacement Capital	(13,770)

Total Basic Budget Decreases (186,060)

2006 Basic Budget 15,028,781

2006 Service Packages:

Digital Video for City Webpage	588
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Total Service Packages 588

2006 Final Budget (Excluding Reserves) 15,029,369

Plus Reserves 4,535,424

2006 Final Budget (Including Reserves) 19,564,793

2005-2006 Final Budget (Including Reserves) 34,270,992

COMPARISON OF 2005 BUDGET TO 2006 BUDGET

	Difference	% Change
2005 Final Budget (Excluding Reserves) to 2006 Final Budget (Excluding Reserves)	323,170	2.20%

2005-2006 FINANCIAL OVERVIEW

WATER/SEWER OPERATING FUND

FINANCIAL SUMMARY BY OBJECT

	<u>2001-2002</u> <u>Actual</u>	<u>2003-2004</u> <u>Estimate</u>	<u>2003-2004</u> <u>Budget</u>	<u>2005-2006</u> <u>Budget</u>	<u>Percent</u> <u>Change</u>
Salaries and Wages	1,953,583	1,965,172	2,085,685	2,204,013	5.67%
Benefits	509,431	634,435	664,948	835,962	25.72%
Supplies	6,607,260	7,458,212	6,748,940	5,415,096	-19.76%
Other Services	3,422,709	4,481,554	4,577,995	4,908,615	7.22%
Government Services	13,170,234	14,377,666	14,338,543	15,981,526	11.46%
Capital Outlay	273,319	144,620	314,489	306,699	-2.48%
Reserves	0	0	3,448,914	4,619,081	33.93%
TOTAL	25,936,536	29,061,659	32,179,514	34,270,992	6.50%

FINANCIAL SUMMARY BY DIVISION

	<u>2001-2002</u> <u>Actual</u>	<u>2003-2004</u> <u>Estimate</u>	<u>2003-2004</u> <u>Budget</u>	<u>2005-2006</u> <u>Budget</u>	<u>Percent</u> <u>Change</u>
Utility Operations/Maint.	16,371,233	18,335,496	17,906,644	18,202,219	1.65%
Administration	6,520,506	7,289,199	10,792,733	12,360,961	14.53%
Capital Construction	2,830,995	2,998,936	3,168,881	3,443,488	8.67%
Utility Joint Facilities	213,802	438,028	311,256	264,324	-15.08%
TOTAL	25,936,536	29,061,659	32,179,514	34,270,992	6.50%

POSITION SUMMARY BY DIVISION

	<u>2001-2002</u> <u>Actual</u>	<u>Adjustments</u>	<u>2003-2004</u> <u>Budget</u>	<u>Adjustments</u>	<u>2005-2006</u> <u>Budget</u>
Utility Operations/Maint.	14.65	0.05	14.70	0.40	15.10
Administration	4.30	1.10	5.40	-0.19	5.21
Capital Construction	0.00	0.00	0.00	0.00	0.00
Utility Joint Facilities	0.00	0.00	0.00	0.00	0.00
TOTAL	18.95	1.15	20.10	0.21	20.31

2005-2006 POSITION SUMMARY

WATER/SEWER OPERATING FUND

POSITION SUMMARY BY CLASSIFICATION

Classification	2001-2002 Positions	2003-2004 Positions	2005-2006 Positions	2005 Salary Range
Facilities O&M Admin. Manager	0.50	0.35	0.35	5,422 - 6,995
Surface Water & Wastewater Manager	0.50	0.50	0.50	5,422 - 6,995
Water Manager	1.00	1.00	1.00	5,422 - 6,995
Senior Public Works Accountant	0.40	0.40	0.40	4,677 - 5,502
Leadperson	1.25	1.25	1.25	4,237 - 5,111
Management Analyst	0.50	0.60	0.60	4,345 - 5,111
Yard Maintenance & Inventory				
Control Person	0.30	0.60	0.60	3,555 - 4,591
Senior Maintenance Person	3.00	3.00	3.50	3,555 - 4,591
Utility Craftsperson	0.00	0.75	0.75	3,312 - 4,234
Accounting Support Assoc. IV	1.12	1.49	1.20	3,424 - 4,028
Utilityperson	10.00	9.00	9.00	2,798 - 3,849
Public Works Maintenance Secretary	0.38	0.00	0.00	
Public Works Office Specialist	0.00	0.50	0.50	3,039 - 3,575
Data Entry Clerk	0.00	0.66	0.66	2,686 - 3,160
TOTAL	18.95	20.10	20.31	

**City of Kirkland
2005-06 Budget
Revenue**

	2001-02 Actual	2003-04 Estimate	2003-04 Budget	2005-06 Budget	Percent Change
Fund: Water/Sewer Utility Operating (411)					
Intergovernmental Revenue					
Intergov't Service Revenues					
Intergov't-Other Gen Govt Svcs 3381901	94,184	134,744	96,000	100,000	4.16 %
Total for Intergov't Service Revenues:	94,184	134,744	96,000	100,000	4.16 %
Total for Intergovernmental Revenue:	94,184	134,744	96,000	100,000	4.16 %
Charges for Goods and Services					
General Government					
Sale of Maps and Publications 3415001	900	0	0	0	0.00 %
Merchandise Sales-Non Food 3417001	2,083	0	0	0	0.00 %
Other General Government Svc: 3419001	25,373	19,516	15,000	20,000	33.33 %
Total for General Government:	28,356	19,516	15,000	20,000	33.33 %
Physical Environment					
Residential Water Sales 3434001	5,498,052	7,001,948	6,551,286	7,073,859	7.97 %
Wholesale Water Sales 3434002	2,454,558	1,538,240	1,276,403	0	0.00 %
Multi-Family Water Service 3434003	3,491,307	4,236,221	3,936,034	4,311,000	9.52 %
Commercial Water Sales 3434004	2,454,752	2,942,016	2,984,171	2,907,000	-2.58 %
Water Service Penalties 3434005	88,077	101,094	95,000	100,000	5.26 %
Residential Sewer Svc-City 3435001	6,022,328	7,139,160	7,208,010	7,974,141	10.62 %
Multi-Family Sewer Svc-City 3435003	2,534,502	2,926,498	2,986,041	3,351,000	12.22 %
Commercial Sewer Svc-City 3435005	2,537,214	3,004,064	2,824,685	3,425,000	21.25 %
Sewer Service Penalties 3435007	85,754	99,970	95,000	100,000	5.26 %
Water Off/On Charge 3439001	35,753	45,465	40,000	50,000	25.00 %
Total for Physical Environment:	25,202,297	29,034,676	27,996,630	29,292,000	4.62 %
Interfund/Interdep Sales Svc					
Interfund-Other Gen Govnm't 3491901	19,771	46,008	4,000	40,000	900.00 %
Total for Interfund/Interdep Sales Svc:	19,771	46,008	4,000	40,000	900.00 %
Total for Charges for Goods and Services:	25,250,424	29,100,200	28,015,630	29,352,000	4.77 %
Fines and Forfeits					
Non-Court Fines/Penalty					
Forfeiture of Bonds & Deposits 3591001	0	2,700	0	0	0.00 %
Total for Non-Court Fines/Penalty:	0	2,700	0	0	0.00 %
Total for Fines and Forfeits:	0	2,700	0	0	0.00 %
Miscellaneous Revenues					
Interest and Other Earnings					

**City of Kirkland
2005-06 Budget
Revenue**

		2001-02 Actual	2003-04 Estimate	2003-04 Budget	2005-06 Budget	Percent Change
Investment Interest	3611101	257,501	135,648	215,000	165,000	-23.25 %
Assessment Interest	3615501	317	32	0	0	0.00 %
Total for Interest and Other Earnings:		257,818	135,680	215,000	165,000	-23.25 %
Rents,Leases, & Concessions						
Facilities Leases(LT)-Other	3625002	61,172	52,297	48,190	53,600	11.22 %
Housing Rentals/Leases	3626001	31,872	47,350	47,520	48,600	2.27 %
Total for Rents,Leases, & Concessions:		93,044	99,647	95,710	102,200	6.78 %
Interfund/Interdept-Misc Rev						
Hydrant Rental-Interfund	3662001	8,000	8,000	8,000	8,000	0.00 %
Total for Interfund/Interdept-Misc Rev:		8,000	8,000	8,000	8,000	0.00 %
Special Assessment Principal						
Assessment Principal	3681001	2,304	350	0	0	0.00 %
Total for Special Assessment Principal:		2,304	350	0	0	0.00 %
Other Misc Revenues						
Sale of Scrap Material	3691001	2,291	4,565	1,500	2,000	33.33 %
Other Judgements & Settlement	3694001	9,494	254	0	0	0.00 %
Other Misc Revenue	3699001	74	0	2,000	0	0.00 %
Total for Other Misc Revenues:		11,859	4,819	3,500	2,000	-42.85 %
Total for Miscellaneous Revenues:		373,025	248,496	322,210	277,200	-13.96 %
Other Financing Sources						
Operating Transfer In						
Operating Transfer In	3971001	6,280	572,865	612,420	819,894	33.87 %
Total for Operating Transfer In:		6,280	572,865	612,420	819,894	33.87 %
Resources Forward						
Resources Forward	3999901	0	3,463,816	5,833,412	3,721,898	-36.19 %
Total for Resources Forward:		0	3,463,816	5,833,412	3,721,898	-36.19 %
Total for Other Financing Sources:		6,280	4,036,681	6,445,832	4,541,792	-29.53 %
Total for Water/Sewer Utility Operating:		25,723,913	33,522,821	34,879,672	34,270,992	-1.74 %

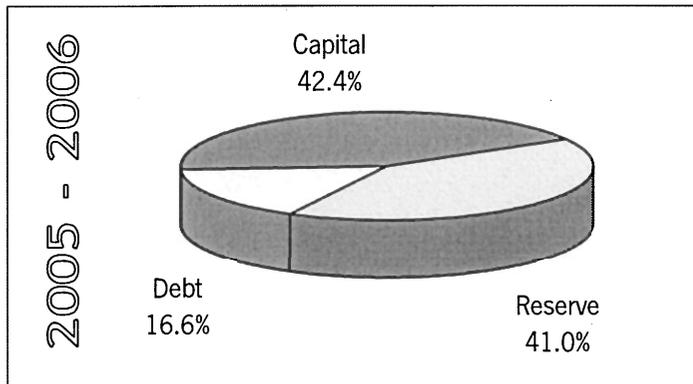
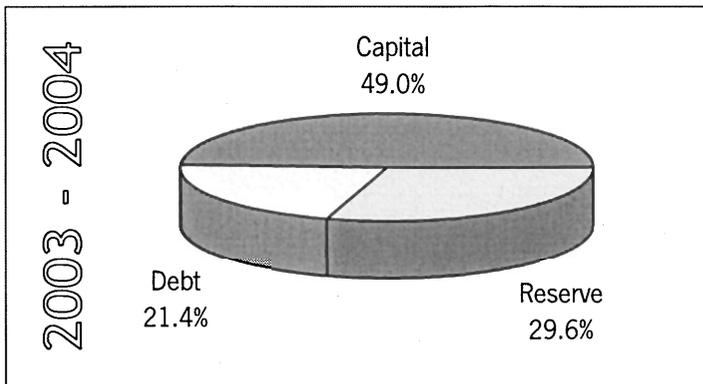
The 2003-2004 Budget amount for Resources Forward is overstated due to the annual budgets of 2003 and 2004 being combined to form a biennial budget for comparison purposes. The report overstatement was unable to be resolved in time for printing of the Final Budget.



NON-OPERATING



CITY OF KIRKLAND WATER/SEWER UTILITY



2003-2004 BUDGET SUMMARY: BY PURPOSE

Fund	2003-2004 Budget	Purpose			
		Reserve	Debt	Capital	Other
412 Debt Service	5,534,622	845,962	4,688,660	0	0
413 Utility Capital Projects	16,394,719	5,642,264	0	10,752,455	0
Total Non-Operating Funds	21,929,341	6,488,226	4,688,660	10,752,455	0

2005-2006 BUDGET SUMMARY: BY PURPOSE

Fund	2005-2006 Budget	Purpose			
		Reserve	Debt	Capital	Other
412 Debt Service	3,753,903	845,962	2,907,941	0	0
413 Utility Capital Projects	13,806,715	6,365,921	0	7,440,794	0
Total Non-Operating Funds	17,560,618	7,211,883	2,907,941	7,440,794	0

WATER/SEWER UTILITY DEBT SERVICE FUND

There are two types of debt generally issued by the City for utility purposes:

- **Revenue Bonds** represent debt that is repaid from a designated revenue source such as fees. The City uses revenue bonds to pay for improvements related to the water and sewer utility. The annual debt service requirements of revenue bond issues are incorporated into the water and sewer rates which are paid monthly by utility customers.
 - **Local Improvement District (LID) Bonds** represent debt that is repaid by the property owners who benefited from the capital improvement through annual assessments paid to the City. LIDs are formed by the City Council after a majority of property owners agree to the assessment.
- *Revenue bonds shall be issued only when operating revenues are insufficient for the enterprise's capital financing needs.*
 - *The City will limit the maturities of all utility revenue bond issues to 25 years or less.*
 - *The City will conduct a thorough analytical review before issuing debt and maintain a good credit rating at all times.*
 - *The City will insure that net operating revenues of the enterprise constitute a minimum of 1.5 times the annual debt service requirements.*
 - *The City will use refunding bonds (refinancing) to restructure current outstanding debt when sufficient savings can be realized from lower interest rates.*

In addition to bonds, the City can take advantage of low interest loans from the state's **Public Works Trust Fund**. Loans for approved projects are granted with interest rates ranging from one-half to three percent depending on the amount of the City's matching funds. Loans are awarded through a competitive process. At this time, the City has six outstanding one percent loans and two one-half percent loans, which were issued for water/sewer capital improvement purposes. Debt service is repaid through utility rates.

The City's debt management policies provide guidelines for the appropriate use of debt. The complete policies are contained at the beginning of this document. Some key debt management policies include:

- *City Council approval is required prior to issuance of utility debt.*

When the City issues debt, a thorough review of the City's financial condition is completed by bond rating agencies. Based on their findings, the bonds are given a rating. The City's bond rating is a reflection of its creditworthiness and affects the cost to the City of issuing debt. There are two rating agencies – Standard and Poor's (S&P) and Moody's Investor Service – that rate Kirkland's bonds. As of July 2004, the utility's ratings were AA- (S&P) and A1 (Moody's).

Once bonds are rated, the City enters the bond market to secure the necessary funding. The proceeds (cash) received from selling the bonds are placed in the Utility Capital Projects Fund to account for the cost of constructing the capital improvement. The Water/Sewer Utility Debt Service Fund was created to track the principal and interest payments for all utility-related debt and required reserves. Each year a sufficient amount of revenue is budgeted and placed in the fund to pay the annual principal and interest due.

**CITY OF KIRKLAND
 WATER/SEWER UTILITY
 DEBT SERVICE FUND
 2005-2006 PAYMENT AND RESERVE SUMMARY**

2003-2004 Budget

Fund	Payment		Reserve	Total
	Principal	Interest		
412 Water/Sewer Debt Service	3,890,036	798,624	845,962	5,534,622
Total Debt Service Fund	3,890,036	798,624	845,962	5,534,622

2005-2006 Budget

Fund	Payment		Reserve	Total
	Principal	Interest		
412 Water/Sewer Debt Service	2,346,841	561,100	845,962	3,753,903
Total Debt Service Fund	2,346,841	561,100	845,962	3,753,903

City of Kirkland
1996 Water/Sewer Revenue Refunding Bonds

Purpose: Refunds a portion of the 1992 Water/Sewer Revenue Bonds

Denomination	\$5,000	Date of Bond Sale	3/04/1996
Amount of Issue	\$3,725,000	Net Interest Rate	4.946%
Ordinance	3523	Org:	4120009961

DEBT SERVICE SCHEDULE

Year	Interest Dates:		Interest Rate	Maturity Date	Principal Amount	Total Payment	Principal Balance
	June 1	December 1					
1996	44,867	89,734	3.60%	6/1/1996	0	134,601	3,725,000
1997	89,734	89,734	3.60%	6/1/1997	0	179,468	3,725,000
1998	89,734	89,344	3.90%	6/1/1998	20,000	199,078	3,705,000
1999	89,344	88,644	4.00%	6/1/1999	35,000	212,988	3,670,000
2000	88,644	87,926	4.10%	6/1/2000	35,000	211,570	3,635,000
2001	87,926	87,200	4.15%	6/1/2001	35,000	210,126	3,600,000
2002	87,200	86,350	4.25%	6/1/2002	40,000	213,550	3,560,000
2003	86,350	81,835	4.30%	6/1/2003	210,000	378,185	3,350,000
2004	81,835	76,885	4.40%	6/1/2004	225,000	383,720	3,125,000
2005	76,885	71,260	4.50%	6/1/2005	250,000	398,145	2,875,000
2006	71,260	64,750	4.65%	6/1/2006	280,000	416,010	2,595,000
2007	64,750	56,995	4.70%	6/1/2007	330,000	451,745	2,265,000
2008	56,995	48,715	4.80%	6/1/2008	345,000	450,710	1,920,000
2009	48,715	39,895	4.90%	6/1/2009	360,000	448,610	1,560,000
2010	39,895	30,520	5.00%	6/1/2010	375,000	445,415	1,185,000
2011	30,520	15,730	5.10%	6/1/2011	580,000	626,250	605,000
2012	15,730	0	5.20%	6/1/2012	605,000	620,730	0
Totals	1,150,383	1,105,516			3,725,000	5,980,899	

**City of Kirkland
2004 Water/Sewer Revenue and Refunding Bonds**

**Purpose: Water/Sewer Capital Improvements
Refunds 1995 Water/Sewer Revenue Bonds and
Reissues 1992 Water/Sewer Refunding**

Denomination	\$5,000	Date of Bond Sale	8/1/2004
Amount of Issue	\$3,090,000	Net Interest Rate	3.613%
Ordinance	3955	Org:	4120009041

DEBT SERVICE SCHEDULE

Year	Interest Dates		Interest Rate	Maturity Date	Principal Amount	Total Payment	Principal Balance
	June 1	December 1					
2004	0	33,304	2.00%	6/1/2004	0	33,304	3,090,000
2005	49,956	46,656	2.00%	6/1/2005	330,000	426,613	2,760,000
2006	46,656	42,719	2.50%	6/1/2006	315,000	404,375	2,445,000
2007	42,719	38,444	3.00%	6/1/2007	285,000	366,163	2,160,000
2008	38,444	34,019	3.00%	6/1/2008	295,000	367,463	1,865,000
2009	34,019	29,444	3.00%	6/1/2009	305,000	368,463	1,560,000
2010	29,444	24,325	3.25%	6/1/2010	315,000	368,769	1,245,000
2011	24,325	21,700	3.50%	6/1/2011	150,000	196,025	1,095,000
2012	21,700	18,700	3.75%	6/1/2012	160,000	200,400	935,000
2013	18,700	9,500	4.00%	6/1/2013	460,000	488,200	475,000
2014	9,500	0	4.00%	6/1/2014	475,000	484,500	0
Totals	315,463	298,810			3,090,000	3,704,273	

**City of Kirkland
1993 Public Works Trust Fund Loan**

Purpose: Lake Street Sewer Line Replacement

Amount of Loan	\$823,368	Initial Loan Draw	8/05/1993
Ordinance	3371	Net Interest Rate	1.000%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
1993						123,505 *
1994	3,637	1.00%	7/1/1994	0	3,637	823,368 *
1995	7,820	1.00%	7/1/1995	43,335	51,155	780,033
1996	7,800	1.00%	7/1/1996	43,335	51,135	736,698
1997	7,367	1.00%	7/1/1997	43,335	50,702	693,363
1998	6,934	1.00%	7/1/1998	43,335	50,269	650,027
1999	6,500	1.00%	7/1/1999	43,335	49,835	606,692
2000	6,067	1.00%	7/1/2000	43,335	49,402	563,357
2001	5,634	1.00%	7/1/2001	43,335	48,969	520,022
2002	5,200	1.00%	7/1/2002	43,335	48,535	476,687
2003	4,767	1.00%	7/1/2003	43,335	48,102	433,352
2004	4,334	1.00%	7/1/2004	43,335	47,669	390,016
2005	3,900	1.00%	7/1/2005	43,335	47,235	346,681
2006	3,467	1.00%	7/1/2006	43,335	46,802	303,346
2007	3,033	1.00%	7/1/2007	43,335	46,369	260,011
2008	2,600	1.00%	7/1/2008	43,335	45,935	216,676
2009	2,167	1.00%	7/1/2009	43,335	45,502	173,341
2010	1,733	1.00%	7/1/2010	43,335	45,069	130,005
2011	1,300	1.00%	7/1/2011	43,335	44,635	86,670
2012	867	1.00%	7/1/2012	43,335	44,202	43,335
2013	433	1.00%	7/1/2013	43,335	43,768	0
Totals	85,559			823,368	908,927	

*Principal received in three installments: \$123,505 on 8/5/93, \$617,526 on 2/2/94 and \$82,337 on 12/31/94.

City of Kirkland**1994 Public Works Trust Fund Loan****Purpose: Consolidated Rose Hill Assumption**

Amount of Loan	\$3,314,609	Assumption Date	1/01/1994
Ordinance	3393	Net Interest Date	1.000%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
1994						3,314,609
1995	31,848	1.00%	7/1/1995	129,785 *	161,633	3,184,824
1996	31,848	1.00%	7/1/1996	227,487	259,336	2,957,337
1997	29,573	1.00%	7/1/1997	227,487	257,061	2,729,849
1998	27,299	1.00%	7/1/1998	227,487	254,786	2,502,362
1999	25,024	1.00%	7/1/1999	227,487	252,511	2,274,875
2000	22,749	1.00%	7/1/2000	227,487	250,236	2,047,387
2001	20,474	1.00%	7/1/2001	227,487	247,961	1,819,900
2002	18,199	1.00%	7/1/2002	227,487	245,686	1,592,412
2003	15,924	1.00%	7/1/2003	227,487	243,412	1,364,925
2004	13,649	1.00%	7/1/2004	227,487	241,137	1,137,437
2005	11,374	1.00%	7/1/2005	227,487	238,861	909,950
2006	9,100	1.00%	7/1/2006	227,487	236,587	682,463
2007	6,825	1.00%	7/1/2007	227,487	234,312	454,975
2008	4,550	1.00%	7/1/2008	227,487	232,037	227,488
2009	2,275	1.00%	7/1/2009	227,488	229,763	0
Totals	270,710			3,314,609	3,585,319	

This loan represents the consolidation of all Public Works Trust Fund loans held by the Rose Hill Water District and allocated to Kirkland.

* This principal payment was made to buy down from a 2% loan to a 1% loan (retroactive).

**City of Kirkland
1994A Public Works Trust Fund**

Purpose: Lake Washington Boulevard Water Line Replacement

Amount of Loan	\$1,231,700	Initial Loan Draw	7/26/1994
Ordinance	3418	Net Interest Rate	1.000%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
1994						207,900 *
1995	6,508	1.00%	7/1/1995	0	6,508	1,247,400 *
1996	12,463	1.00%	7/1/1996	65,270	77,733	1,166,430 *
1997	11,664	1.00%	7/1/1997	64,802	76,466	1,101,628
1998	11,016	1.00%	7/1/1998	64,802	75,818	1,036,827
1999	10,368	1.00%	7/1/1999	64,802	75,170	972,025
2000	9,720	1.00%	7/1/2000	64,802	74,522	907,223
2001	9,072	1.00%	7/1/2001	64,802	73,874	842,422
2002	8,424	1.00%	7/1/2002	64,802	73,226	777,620
2003	7,776	1.00%	7/1/2003	64,802	72,578	712,818
2004	7,128	1.00%	7/1/2004	64,802	71,930	648,017
2005	6,480	1.00%	7/1/2005	64,802	71,282	583,215
2006	5,832	1.00%	7/1/2006	64,802	70,634	518,413
2007	5,184	1.00%	7/1/2007	64,802	69,986	453,612
2008	4,536	1.00%	7/1/2008	64,802	69,338	388,810
2009	3,888	1.00%	7/1/2009	64,802	68,690	324,008
2010	3,240	1.00%	7/1/2010	64,802	68,042	259,206
2011	2,592	1.00%	7/1/2011	64,802	67,394	194,405
2012	1,944	1.00%	7/1/2012	64,802	66,746	129,603
2013	1,296	1.00%	7/1/2013	64,802	66,098	64,801
2014	648	1.00%	7/1/2014	64,802	65,450	0
Totals	129,783			1,231,700	1,361,483	

*Principal received: \$207,900 on 8/3/94 and \$1,039,500 on 1/20/95 with \$15,700 refunded on 5/1/96.

City of Kirkland**1994B Public Works Trust Fund Loan****Purpose: Lake Washington Boulevard Sewer Line Replacement**

Amount of Loan	\$1,165,500	Initial Loan Draw	7/26/1994
Ordinance	3419	Net Interest Rate	1.000%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
1994						174,825 *
1995	5,473	1.00%	7/1/1995	0	5,473	1,048,950 *
1996	10,490	1.00%	7/1/1996	55,208	65,697	1,110,292 *
1997	10,566	1.00%	7/1/1997	61,683	72,248	1,048,609
1998	10,486	1.00%	7/1/1998	61,683	72,169	986,926
1999	9,869	1.00%	7/1/1999	61,683	71,552	925,243
2000	9,252	1.00%	7/1/2000	61,683	70,935	863,560
2001	8,636	1.00%	7/1/2001	61,683	70,319	801,877
2002	8,019	1.00%	7/1/2002	61,683	69,702	740,195
2003	7,402	1.00%	7/1/2003	61,683	69,085	678,512
2004	6,785	1.00%	7/1/2004	61,683	68,468	616,829
2005	6,168	1.00%	7/1/2005	61,683	67,851	555,146
2006	5,551	1.00%	7/1/2006	61,683	67,234	493,463
2007	4,935	1.00%	7/1/2007	61,683	66,618	431,780
2008	4,318	1.00%	7/1/2008	61,683	66,001	370,097
2009	3,701	1.00%	7/1/2009	61,683	65,384	308,414
2010	3,084	1.00%	7/1/2010	61,683	64,767	246,731
2011	2,467	1.00%	7/1/2011	61,683	64,150	185,049
2012	1,850	1.00%	7/1/2012	61,683	63,533	123,366
2013	1,234	1.00%	7/1/2013	61,683	62,917	61,683
2014	617	1.00%	7/1/2014	61,683	62,300	0
Totals	120,903			1,165,500	1,286,403	

* Principal received in three installments: \$174,825 on 8/3/94, \$874,125 on 1/20/95 and \$116,550 on 12/16/96.

City of Kirkland**1995 Public Works Trust Fund Loan****Purpose: Lake Shore Plaza Lift Station**

Amount of Loan	\$794,850	Initial Loan Draw	6/09/1995
Ordinance	3419	Net Interest Rate	1.000%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
1995						119,228 *
1996	1,268	1.00%	7/1/1996	0	1,268	360,766 *
1997	2,494	1.00%	7/1/1997	18,988	21,482	341,778
1998	3,418	1.00%	7/1/1998	18,988	22,405	322,791
1999	3,674	1.00%	7/1/1999	44,522	48,196	712,353 *
2000	7,124	1.00%	7/1/2000	44,522	51,646	667,831
2001	6,678	1.00%	7/1/2001	44,522	51,200	623,309
2002	6,233	1.00%	7/1/2002	44,522	50,755	578,787
2003	5,788	1.00%	7/1/2003	44,522	50,310	534,265
2004	5,343	1.00%	7/1/2004	44,522	49,865	489,743
2005	4,897	1.00%	7/1/2005	44,522	49,419	445,221
2006	4,452	1.00%	7/1/2006	44,522	48,974	400,699
2007	4,007	1.00%	7/1/2007	44,522	48,529	356,177
2008	3,562	1.00%	7/1/2008	44,522	48,084	311,655
2009	3,117	1.00%	7/1/2009	44,522	47,639	267,133
2010	2,671	1.00%	7/1/2010	44,522	47,193	222,611
2011	2,226	1.00%	7/1/2011	44,522	46,748	178,089
2012	1,781	1.00%	7/1/2012	44,522	46,303	133,566
2013	1,336	1.00%	7/1/2013	44,522	45,858	89,044
2014	890	1.00%	7/1/2014	44,522	45,412	44,522
2015	445	1.00%	7/1/2015	44,522	44,967	0
Totals	71,404			794,850	866,254	

* Principal received in three installments: \$119,228 on 6/7/95, \$241,538 on 12/9/96, and \$434,084 on 5/24/99.

City of Kirkland**2000 Public Works Trust Fund Loan****Purpose: Juanita Lift Station Replacement Project-Design**

Amount of Loan	\$227,500	Initial Loan Draw	7/01/2000
Resolution	4236	Net Interest Rate	1.000%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
2000						170,625
2001	1,616	1.00%	7/1/2001	8,980	10,596	161,645
2002	1,616	1.00%	7/1/2002	8,980	10,596	152,665
2003	1,527	1.00%	7/1/2003	8,980	10,507	200,560 *
2004	1,979	1.00%	7/1/2004	12,535	14,514	188,025
2005	1,880	1.00%	7/1/2005	12,535	14,415	175,490
2006	1,755	1.00%	7/1/2006	12,535	14,290	162,955
2007	1,629	1.00%	7/1/2007	12,535	14,164	150,420
2008	1,504	1.00%	7/1/2008	12,535	14,039	137,885
2009	1,379	1.00%	7/1/2009	12,535	13,914	125,350
2010	1,254	1.00%	7/1/2010	12,535	13,789	112,815
2011	1,128	1.00%	7/1/2011	12,535	13,663	100,280
2012	1,003	1.00%	7/1/2012	12,535	13,538	87,745
2013	877	1.00%	7/1/2013	12,535	13,412	75,210
2014	752	1.00%	7/1/2014	12,535	13,287	62,675
2015	627	1.00%	7/1/2015	12,535	13,162	50,140
2016	501	1.00%	7/1/2016	12,535	13,036	37,605
2017	376	1.00%	7/1/2017	12,535	12,911	25,070
2018	251	1.00%	7/1/2018	12,535	12,786	12,535
2019	125	1.00%	7/1/2019	12,535	12,660	0
Totals	21,780			227,500	249,280	

*Additional principal of \$56,875 received 3/15/03.

**City of Kirkland
2001 Public Works Trust Fund Loan**

Purpose: Juanita Lift Station Replacement Project-Construction

Amount of Loan	\$1,848,000	Initial Loan Draw	9/15/03
Resolution	4236	Net Interest Rate	0.500%
		Org:	4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
2003						1,755,600 *
2004	7,949	0.50%	7/1/2004	97,533	105,482	1,750,467 *
2005	8,675	0.50%	7/1/2005	102,969	111,644	1,647,498
2006	8,237	0.50%	7/1/2006	102,969	111,206	1,544,529
2007	7,723	0.50%	7/1/2007	102,968	110,691	1,441,561
2008	7,208	0.50%	7/1/2008	102,969	110,177	1,338,592
2009	6,693	0.50%	7/1/2009	102,968	109,661	1,235,624
2010	6,178	0.50%	7/1/2010	102,969	109,147	1,132,655
2011	5,663	0.50%	7/1/2011	102,969	108,632	1,029,686
2012	5,148	0.50%	7/1/2012	102,968	108,116	926,718
2013	4,634	0.50%	7/1/2013	102,969	107,603	823,749
2014	4,119	0.50%	7/1/2014	102,969	107,088	720,780
2015	3,604	0.50%	7/1/2015	102,968	106,572	617,812
2016	3,089	0.50%	7/1/2016	102,969	106,058	514,843
2017	2,574	0.50%	7/1/2017	102,968	105,542	411,875
2018	2,059	0.50%	7/1/2018	102,969	105,028	308,906
2019	1,545	0.50%	7/1/2019	102,969	104,514	205,937
2020	1,030	0.50%	7/1/2020	102,968	103,998	102,969
2021	515	0.50%	7/1/2021	102,969	103,484	0
Totals	86,643			1,848,000	1,934,643	

* Initial draw totaling \$1,755,600 received in 2003 with the remaining balance of \$92,400 drawn in 2004.

City of Kirkland**2004 Public Works Trust Fund Loan****Purpose: Central Way Sewer Replacement**

Amount of Loan \$1,086,300
 Resolution 4451

Initial Loan Draw 9/01/04
 Net Interest Rate 0.500%
 Org: 4120008941

DEBT SERVICE SCHEDULE

Year	Interest Amount	Interest Rate	Payment Date	Principal Amount	Total Payment	Principal Balance
2004						217,260 *
2005	3,825	0.50%	7/1/2005	0	3,825	1,086,300 *
2006	5,364	0.50%	7/1/2006	57,174	62,538	1,029,126
2007	5,145	0.50%	7/1/2007	57,173	62,318	971,953
2008	4,860	0.50%	7/1/2008	57,174	62,034	914,779
2009	4,574	0.50%	7/1/2009	57,174	61,748	857,605
2010	4,288	0.50%	7/1/2010	57,173	61,461	800,432
2011	4,002	0.50%	7/1/2011	57,174	61,176	743,258
2012	3,716	0.50%	7/1/2012	57,174	60,890	686,084
2013	3,430	0.50%	7/1/2013	57,173	60,603	628,911
2014	3,145	0.50%	7/1/2014	57,174	60,319	571,737
2015	2,859	0.50%	7/1/2015	57,174	60,033	514,563
2016	2,573	0.50%	7/1/2016	57,174	59,747	457,389
2017	2,287	0.50%	7/1/2017	57,173	59,460	400,216
2018	2,001	0.50%	7/1/2018	57,174	59,175	343,042
2019	1,715	0.50%	7/1/2019	57,174	58,889	285,868
2020	1,429	0.50%	7/1/2020	57,173	58,602	228,695
2021	1,143	0.50%	7/1/2021	57,174	58,317	171,521
2022	858	0.50%	7/1/2022	57,174	58,032	114,347
2023	572	0.50%	7/1/2023	57,173	57,745	57,174
2024	286	0.50%	7/1/2024	57,174	57,460	0
Totals	58,072			1,086,300	1,029,167	

* Initial draw of \$217,260 received in 2004 with the balance of \$869,040 to be drawn in 2005.



CITY OF KIRKLAND

WATER/SEWER UTILITY CAPITAL PROJECTS FUND

Capital Projects Funds are used to fund and track the construction of projects approved in the Capital Improvement Program. The City Council adopts a six-year Capital Improvement Program (CIP) which is a plan for major improvements or purchases needed in the areas of transportation (streets, sidewalks, signals, and intersections), storm drains, water and sewer systems, parks, public safety, and other government facilities and equipment. The Council revises the CIP biennially. The Water/Sewer portion of the CIP includes only those projects associated with the water/sewer utility.

The **Water/Sewer Capital Projects Fund** accounts for water and sewer projects that are ultimately funded by a portion of the water and sewer rates paid by utility customers. Included in the fund are the Water/Sewer CIP Contingency and the Water/Sewer Construction Reserve. The former has a target of ten percent of the funded six-year Utility CIP and provides a cushion in the event of unanticipated changes in project scope or cost. The latter is comprised of connection charges paid by new customers connecting to the City's water and sewer systems.

**CITY OF KIRKLAND
CAPITAL IMPROVEMENT PROGRAM
2005-2006 BUDGET**

WATER/SEWER CAPITAL PROJECTS FUND (413)

Project Category/ Project Title	Project Number	Funding Source
UTILITIES		
Water		
7th Avenue/114th Avenue Watermain Replacement	WA 0051	Connection Fees/Water & Sewer Rates
NE 113th Place Watermain Replacement	WA 0054	Connection Fees/Water & Sewer Rates
NE 112th Place/103rd Avenue NE Watermain Repl.	WA 0055	Connection Fees/Water & Sewer Rates
NE 75th Street/130th Avenue NE Watermain Repl.	WA 0058	Connection Fees/Water & Sewer Rates
10th Avenue Watermain Replacement	WA 0060	Connection Fees/Water & Sewer Rates
Central Way Watermain Replacement	WA 0061	Connection Fees/Water & Sewer Rates
3rd Street Watermain Replacement	WA 0083	Connection Fees/Water & Sewer Rates
Slater Avenue Watermain Replacement (north)	WA 0088	Connection Fees/Water & Sewer Rates
Emergency Sewer Pgm Watermain Replacement Pgm	WA 0090	Connection Fees/Water & Sewer Rates
Vulnerability Analysis Facility Upgrades	WA 0093	Connection Fees/Water & Sewer Rates
North Reservoir Painting	WA 0094	Connection Fees/Water & Sewer Rates
Total Water		
Sewer		
Central Way (west) Sewermain Replacement	SS 0045	Conn. Fees/Water & Sewer Rates/PWTF Loan
7th Street West Sewermain Replacement	SS 0048	Connection Fees/Water & Sewer Rates
NE 80th Street Sewermain Replacement	SS 0050	Connection Fees/Water & Sewer Rates
Emergency Sewer Construction Program	SS 0056	Water & Sewer Reserves
Central Way (east) Sewermain Replacement	SS 0059	Conn. Fees/Water & Sewer Rates/PWTF Loan
Trend Lift Station Elimination	SS 0060	Connection Fees/Water & Sewer Rates
Total Sewer		
Total Utilities		
TOTAL WATER/SEWER CAPITAL PROJECTS FUND		

2005 Budget	2006 Budget	Estimated Total Project Cost	Additional Annual Maintenance & Operations	
			2005	2006
108,200	585,700	693,900	0	0
250,300	0	250,300	0	0
217,400	0	217,400	0	0
0	106,100	672,200	0	0
0	208,000	208,000	0	0
22,000	0	22,000	0	0
192,600	0	192,600	0	0
268,900	0	268,900	0	0
50,000	0	150,000	0	0
70,000	0	70,000	0	0
150,000	350,000	500,000	0	0
<u>1,329,400</u>	<u>1,249,800</u>	<u>3,245,300</u>	<u>0</u>	<u>0</u>
961,000	0	1,015,000	0	0
413,000	0	813,000	0	0
0	302,400	1,150,600	0	0
1,000,000	0	3,000,000	0	2,000
640,700	0	676,700	0	0
0	724,600	884,600	0	0
<u>3,014,700</u>	<u>1,027,000</u>	<u>7,539,900</u>	<u>0</u>	<u>2,000</u>
<u>4,344,100</u>	<u>2,276,800</u>	<u>10,785,200</u>	<u>0</u>	<u>2,000</u>
4,344,100	2,276,800	10,785,200	0	2,000

**City of Kirkland
Revised 2004-2009 Capital Improvement Program**

UTILITY PROJECTS

Funded Projects:

Project Number	Project Title	Prior Year(s)	2004	2005	2006	2007	2008	2009	2004-2009 Total	Funding Source			External Source
										Current Revenue	Reserve	Debt	
WA 0051	7th Avenue/114th Avenue Watermain Replacement			108,200	585,700				693,900				
WA 0054	NE 113th Place Watermain Replacement			250,300					250,300				
WA 0055	NE 112th Avenue/103rd Avenue NE Watermain Replacement			217,400					217,400				
WA 0058*	NE 75th Street/130th Avenue NE Watermain Replacement				106,100	566,100			672,200				
WA 0059*	101st Avenue NE Watermain Replacement					115,700			115,700				
WA 0060	10th Avenue Watermain Replacement				208,000				208,000				
WA 0061	Central Way Watermain Replacement	751,000	124,000	22,000					124,000				
WA 0077	Supply Station #2 Improvements					319,100			319,100				
WA 0078	NE 110th Street Watermain Replacement	150,000	134,000			163,900	622,400	476,400	1,262,700				
WA 0080	1st Street Watermain Replacement								134,000				
WA 0083	3rd Street Watermain Replacement			192,600					192,600				
WA 0087	West of Market Watermain Replacement Program	600,000	618,000	268,900					618,000				
WA 0088	Slater Avenue Watermain Replacement (north)			229,000					229,000				
WA 0089	Slater Avenue Watermain Replacement (south)								268,900				
WA 0090	Emergency Sewer Pgm Watermain Replacement Pgm			50,000		50,000		50,000	150,000				
WA 0091*	Norkirk Watermain Replacement Program						650,500	811,500	1,462,000				
WA 0092	4th Avenue S Watermain Replacement		120,000						120,000				
WA 0093	Vulnerability Analysis Facility Upgrades			70,000					70,000				
WA 0094	North Reservoir Painting			150,000	350,000				500,000				
SS 0045	Central Way (west) Sewermain Replacement	378,000	54,000	961,000					1,015,000				
SS 0046	Market Street Sewermain Replacement					349,700	764,300		1,114,000			688,300	
SS 0048	7th Street West Sewermain Replacement		400,000	413,000					813,000				
SS 0050	NE 80th Street Sewermain Replacement				302,400	655,700	192,500		1,150,600				
SS 0053	Waverly Beach Park Lift Station Replacement	412,000	421,000			1,000,000		1,000,000	3,000,000				
SS 0056	Emergency Sewer Construction Program			1,000,000					1,000,000				
SS 0059	Central Way (east) Sewermain Replacement	235,000	36,000	640,700					676,700			458,900	
SS 0060	Trend Lift Station Elimination		160,000		724,600				884,600				
SS 0062	NE 108th Street Sewermain Replacement/Rehabilitation						33,800	550,000	550,000				
SS 0063	NE 53rd Street Sewermain replacement							169,200	203,000				
SS 0064	7th Avenue South Sewermain Replacement							207,500	207,500				
Total Funded Utility Projects									17,665,200	3,264,600	2,263,500	3,120,000	1,147,200
Total Funded Utility Projects									13,398,000	3,120,000	1,147,200	0	0

Unfunded Projects:

Project Number	Project Title	Six Year Total
WA 0052	108th Avenue NE Watermain Replacement	1,180,000
WA 0057	116th Avenue NE Watermain Replacement	1,341,000
WA 0063	Supply Station #3 Replacement & Transmission Main Add.	747,000
WA 0067	North Reservoir Pump Station Replacement	800,000
WA 0076	6th Avenue Watermain Replacement	303,000
SS 0051	6th Street South Sewermain Replacement	175,000
SS 0052	108th Avenue NE Sewermain Replacement	1,174,000
Total Unfunded Utility Projects		5,720,000

Notes
 * = Modification in timing and/or cost (see Project Modification/Deletion Schedule for greater detail)
 Shaded year(s) = Previous timing
 Bold italics = New projects