

WORKS & UTILITIES

Works & Utilities
Transportation Services
Transit
Storm Water Management
Solid Waste Management
Water
Wastewater
Electrical
Street Lighting



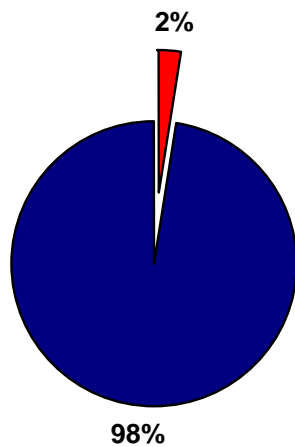
GENERAL FUND

WORKS & UTILITIES

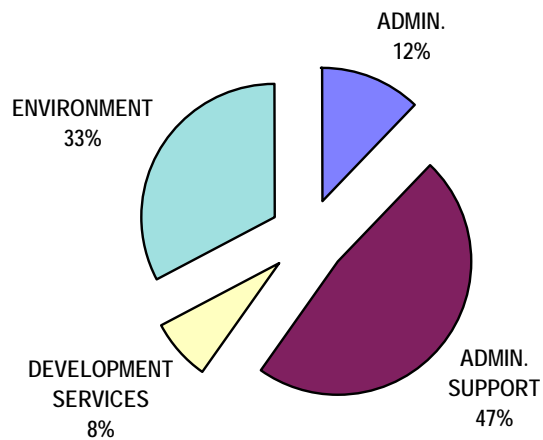
John Vos - Director of Works & Utilities
 Elaine Shipclark - Administration Manager

Percent of General Fund Operating

Works & Utilities = \$1.5 Million



Division Summary



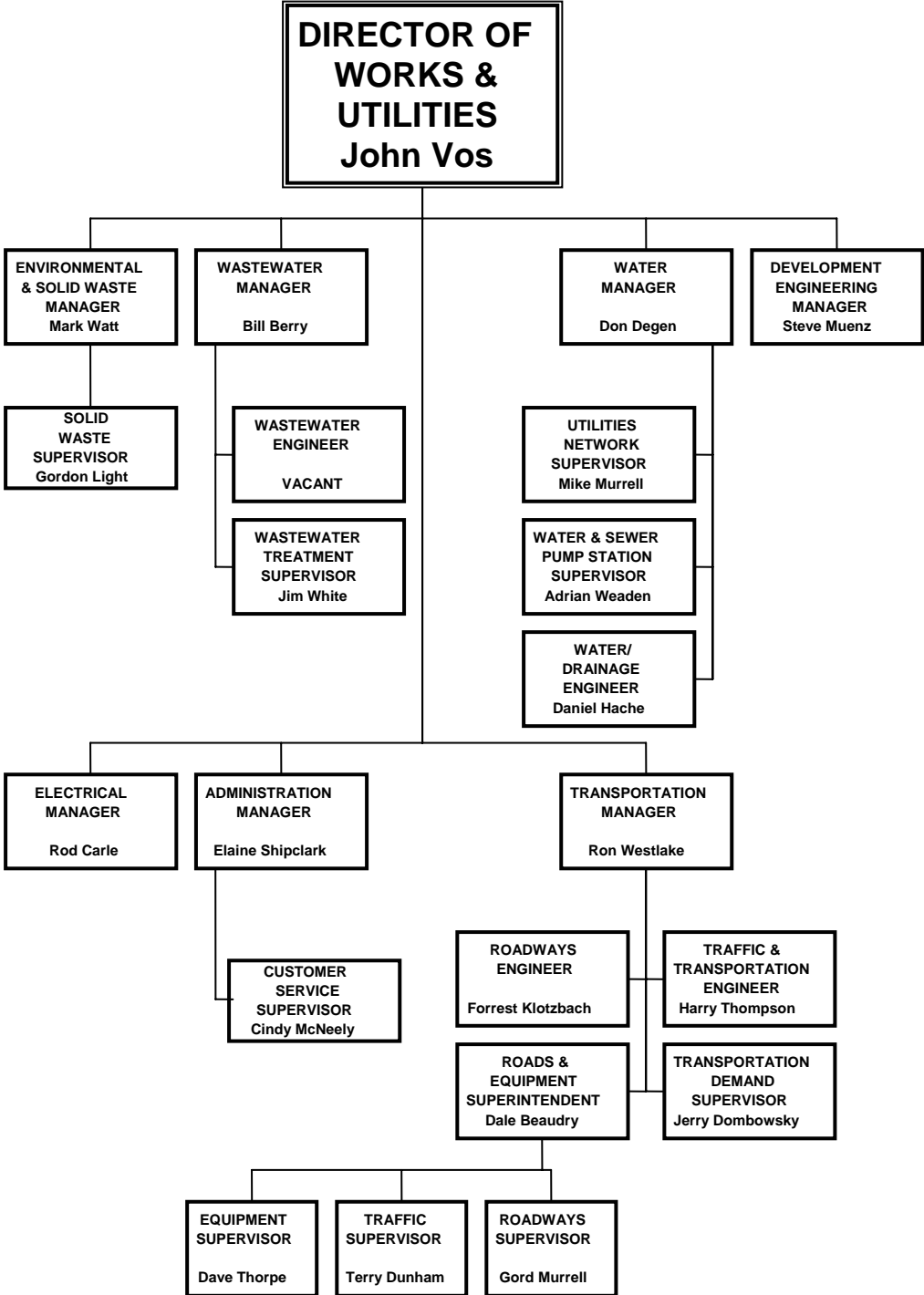
General Fund Operating = \$62.4 Million

Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	1,405,291	1,507,577	102,286	7.3%
Capital	205,000	135,000	(70,000)	-34.1%
Total Taxation Expenditure	1,610,291	1,642,577	32,286	2.0%
Authorized Positions	23.9	23.7	(0.2)	-1.0%

WORKS & UTILITIES

ORGANIZATIONAL CHART



WORKS & UTILITIES

DEPARTMENT GOALS

To provide effective management and guidance to the operation of the Works & Utilities divisions utilizing a program-based organizational structure with a strong customer service focus.

To ensure all divisions are proactive in planning and maintaining the City of Kelowna's infrastructure to facilitate cost-effective and timely capital works programs to maximize the benefits to the community.

CURRENT YEAR STRATEGIC OBJECTIVES

PRODUCTS, PROJECTS AND SERVICES

1. Completion of key infrastructure projects (North Rutland Sewer, UV Water Protection, major roads).
2. Construction of water supply improvements to Kelowna International Airport.

IMAGE

1. Continue to respond to the development community and the various agencies associated with development.
2. Ensure that infrastructure information is put into the GIS system as soon as it is received to provide staff with the most up-to-date information available.

PARTNERSHIPS

1. Continue discussions with the Province on long term major road needs as well as implementation of the new Okanagan Lake Bridge.

RESEARCH & DEVELOPMENT

1. Continue post-fire rehab works and assist with fuel reduction strategies for the City.
2. Continue to develop a template for an Environmental Management System for all departments.
3. Continue to develop pesticide registry and education programs to reduce pesticide use.
4. Continue modifying the "Living Greener Program" to ensure the largest outreach possible.

WORKS & UTILITIES

Department ID Section Descriptions

ADMINISTRATION

The Administration Division oversees the general office administration of the Works & Utilities Department as well as Customer Service and Construction Inspection. This Division also provides Drafting and Survey services for the entire City operation.

DEVELOPMENT SERVICES

Development Engineering reviews the engineering design and servicing requirements of development applications in the City, reviews and approves all development-associated construction, and accepts the final constructed facility on behalf of the City. The Development Division is readily available to meet with developers and the public to discuss development servicing requirements. The Development Engineering Division maintains schedules for engineering input into development applications and construction drawing approval. In addition the Division aims to minimize the possible impact of new development on existing City facilities and the public tax burden by overseeing the installation of works and utilities infrastructure by the development community.

ENVIRONMENT

The aim of the Environment Division is to protect water quality and the biological diversity of Kelowna with the advancement of a healthy environment. In Kelowna much of the Valley-bottom is now devoted to agriculture and urban development, therefore the protection of remaining natural areas is of particular importance. Issues related to the natural environment can be grouped into three general areas of concern: water, air and land, and all three are very strongly inter-related. The Environment Division promotes watershed and airshed health through stream stewardship, restoration projects, public education, policy development, pollution reduction and development assessment. In fact, Kelowna's response to environmental challenges is somewhat of a model since Kelowna is one of only a few B.C. communities to allot staff time and funding specifically for environmental protection.

PERFORMANCE MEASURES

PROGRAM INPUT MEASURES	Actual 2003	Revised Adopted 2004	Financial Plan 2005
301 ADMINISTRATION	168,276	185,302	185,869
302 ADMIN SUPPORT	570,435	694,585	712,795
304 DEVELOPMENT SERVICES	(22,972)	109,140	114,632
308 ENVIRONMENT	398,991	416,264	494,281
Total Net Operating Expenditures	1,114,730	1,405,291	1,507,577

WORKS & UTILITIES

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
PROGRAM OUTPUTS			
Development Applications		266	250
Engineering / Construction Drawing Applications		151	150
Utility Drawing Applications		767	750
Road Exchange Applications		17	15
Building Permit Applications		145	145
Application Total		1,346	1,310
Environment Development Applications Screened	1,028	1,050	1,000
Environment Development Applications Reviewed	578	600	550
Environment Presentations / Outreach	89/3886	56/3900	50/3500
Administration Number of Locates	1,650	1,745	1,800
Administration Road Usage Permits	929	547	500
Administration Service Requests	3,376	3,722	3,500

Recorded information from approximately 429 drawings into a database which is available through MapGuide. This allows for easy retrieval of infrastructure information.

PROGRAM OUTCOMES

EFFICIENCY MEASURES

* % of Development Applications on time	84%	85%
% of Engineering / Construction Drawing Applications on time	89%	90%
% of Utility Drawing Applications on time	88%	90%
% of Road Exchange Applications on time	76%	80%
% of Building Permit Applications on time	78%	80%
% of Total Applications on time	86%	87%

* 33 of the 48 late applications were completed within 5 days of the deadline.

CUSTOMER SATISFACTION

Environmental Education (per citizens survey)	78%	80%	82%
Protection of habitat and natural areas (per citizens survey)	73%	80%	82%

INNOVATION AND LEARNING

WORKS & UTILITIES SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<u>REVENUE</u>			
FEES AND CHARGES	(396,591)	(259,200)	(259,200)
OTHER REVENUE	(117,534)	(193,770)	(232,370)
TRANSFERS FROM FUNDS	(84,286)	(188,430)	(95,000)
Special (Stat Reserve) Funds	(19,164)		(25,000)
Development Cost Charge Funds			
Accumulated Surplus	(65,122)	(188,430)	(70,000)
TOTAL REVENUE	(598,411)	(641,400)	(586,570)
<u>EXPENDITURES</u>			
SALARIES & WAGES	1,350,446	1,555,081	1,548,507
INTERNAL EQUIPMENT	25,468	39,600	46,520
MATERIAL & OTHER	161,654	437,010	499,120
CONTRACT SERVICES	41,093	15,000	
DEBT			
INTERNAL ALLOCATIONS			
TRANSFERS TO FUNDS	134,480		
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus	134,480		
TOTAL EXPENDITURES	1,713,141	2,046,691	2,094,147
NET OPERATING EXPENDITURES	1,114,730	1,405,291	1,507,577
<u>CAPITAL EXPENDITURES</u>			
FROM TAX DEMAND	105,730	205,000	135,000
OTHER FUNDING SOURCES	142,889	103,580	35,000
GROSS CAPITAL EXPENDITURES	248,619	308,580	170,000
NET OPERATING & CAPITAL EXP.	1,363,349	1,713,871	1,677,577

AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	24.3	21.1	23.9	23.7
<i>Hourly</i>				
<i>Contract</i>				

WORKS & UTILITIES

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time supplementals	(\$3,200)	(\$3,200)	-1.1
2) Annualized 2004 budget cost	\$30,000	\$0	
3) Salary Adjustments	\$20,766	\$20,766	
4) GST Rebate	(\$700)	(\$700)	
5) Internal Equipment	\$7,920	\$7,920	
6) 2005 Supplementals	\$87,500	\$67,500	0.8
 Total Changes for 2005	 \$142,286	 \$92,286	 -0.2
 Unfunded 2005 Requests			
1) 2005 Supplementals	\$67,000	\$57,000	1.7
Total Unfunded Changes for 2005	\$67,000	\$57,000	1.7

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
GENERAL FUND PRIORITY 1 - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>WORKS & UTILITIES - ADMINISTRATION</u>						
373-10-308-0-8116	ENVIRONMENTAL EXPO	1,500	0		1,500	ONGOING
311-10-308-0-8118	ENVIRONMENTAL MANAGEMENT SYSTEM	21,000	0		21,000	ONGOING
521-10-308-0-8120	SUMMER WEED CREW	20,000	10,000	REVENUE	10,000	ONGOING
521-10-308-0-8121	PESTICIDE PROGRAM	25,000	0		25,000	ONGOING
XXX-10-308-0-8122	POST FIRE REHABILITATION	40,000	20,000	REVENUE	20,000	ONGOING
DEPARTMENT TOTALS		107,500	30,000		77,500	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>W & U - ADMINISTRATION</u>						
311-10-308-0-8103	GST REDUCTION	700	0		700	ONGOING
DEPARTMENT TOTALS		700	0		700	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL FUND
 PROVISIONAL BUDGET



CHARTFIELD	DESCRIPTION	TAXATION	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEVI/COMM OTHR CONTRB	UTILITY REVENUE	TOTAL
<u>WORKS & UTILITIES</u>								
1. 10-3101-R9998	MONUMENT REPLACEMENT PROGRAM	0	0	0	0	20,000	0	20,000
2. 10-3102-R6700	OFFSITE AND OVERSIZE	80,000	0	0	0	0	0	80,000
3. 10-3103-R9999	CLEANUP OF PREVIOUS YEAR'S WORK	25,000	0	0	0	0	0	25,000
4. 10-3104-A300	RIGHTS-OF-WAY ACQUISITIONS	10,000	0	0	0	0	0	10,000
5. 10-3105-A225	PRELIMINARY SURVEYS AND DESIGNS	20,000	0	0	0	0	15,000	35,000
DEPARTMENT PRIORITY 1 TOTALS		135,000	0	0	0	20,000	15,000	170,000

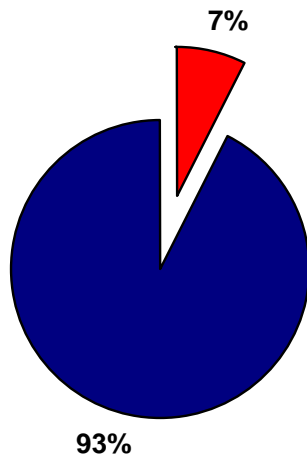
GENERAL FUND

TRANSPORTATION SERVICES

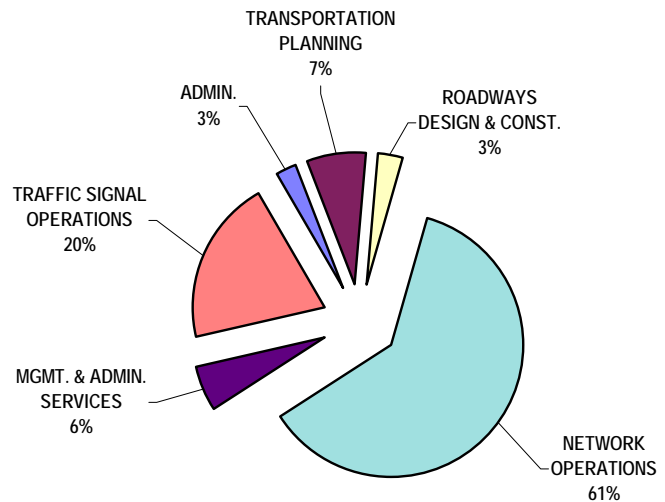
John Vos - Director of Works & Utilities
 Ron Westlake - Transportation Manager

Percent of General Fund Operating

Transportation Services = \$4.7 Million



Division Summary



General Fund Operating = \$62.4 Million

Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	4,503,625	4,676,879	173,254	3.8%
Capital	8,009,100	8,783,700	774,600	9.7%
Total Taxation Expenditure	12,512,725	13,460,579	947,854	7.6%
Authorized Positions	57.5	58.6	1.1	1.9%

TRANSPORTATION SERVICES

DEPARTMENT GOALS

The main objective of Transportation Services is to provide the public with a safe, efficient and environmentally sensitive transportation system at the lowest cost. Long-term objectives include protection and enhancement of the environment, energy conservation and reducing the demand for inefficient transportation such as single-occupant vehicles. The Transportation Division also manages the equipment fleet for the City of Kelowna. The additional objective of this area of service is to provide reliable equipment and operator support to all City of Kelowna departments.

The Division has been organized to address each of the principle areas of service demand. The following are sections within the Transportation Services Division:

- Transportation Demand Management, Transit Support & Parking
- Traffic & Transportation Engineering
- Roadway, Bridge Engineering & Major Projects
- Roadway Maintenance & Equipment Support

CURRENT YEAR STRATEGIC OBJECTIVES

PRODUCTS, PROJECTS AND SERVICES

1. Complete a number of arterial road upgrades including:
 - Dilworth Extension, Springfield Rd to Benvoulin Rd
 - KLO/Benvoulin Intersection
 - Hwy 33 Extension, Hwy 97 to Enterprise Way
 - Clement Ave Extension, Gordon Dr to High Rd
 - Gordon Dr, Old Meadows to Steele Rd
2. Protect the City's pavement asset management by upgrading poor condition and fire damaged roads. Take advantage of sewer projects to upgrade road surfaces for roads affected by the sewer installations.
3. Advance detailed design and land acquisition for up-coming major capital projects.
4. Introduce a new shift for the winter season which will spread out existing manpower over twelve hours for five days of the week and eight hours two days of the week to improve coverage and reduce overtime.
5. Purchase a screening plant for the Westside pit which will reduce the cost of the aggregate presently being produced using a rental unit.

IMAGE

1. Coordinate another successful Commuter Challenge on behalf of the Central Okanagan. The Regional District won this green transportation challenge for the third year in a row in 2004.

PARTNERSHIPS

1. Assist the Province with implementation of east approach improvements in conjunction with the replacement of the Okanagan Lake Bridge.
2. Implement changes to transit system and service in partnership with BC Transit and other Central Okanagan municipalities. A partnership will also be sought with UBC to implement a U-Pass for their students.
3. Advance planning for transit facilities in partnership with the other local governments of the Central Okanagan and BC Transit. This includes major transit exchanges at key locations.

4. Initiate a project in partnership with the federal government to promote the 'One-Tonne Challenge'. Develop a working relationship with other Okanagan communities to implement social marketing strategies for TDM.

FACILITIES, EQUIPMENT AND TECHNOLOGY

1. In partnership with other Central Okanagan municipalities, the Regional District and BC Transit purchase and evaluate the use of three hybrid electric/diesel transit buses.
2. Submit an RFP for two different types of fuel efficient vehicles to test their performance. The proposal will be awarded based on a scoring system for best fuel mileage and reduced emissions.
3. Install a computer in the sign maintenance truck to enabling the workers to extract and update work orders in the field.

RESEARCH AND DEVELOPMENT

1. Investigate the first installation of a roundabout in Kelowna.
2. With federal funding assistance undertake a state-of-the-art traffic signal coordination and intelligent traffic system.
3. Conduct a review of all existing service schedules and vehicle usages on the light duty fleet to ensure the life of our service schedules are maximized which will reduce the preventive maintenance costs. The light duty fleet is currently serviced every 5,000 kilometres.



Bernard Ave. taken from the lake looking east. Ca 1933

TRANSPORTATION SERVICES

Department ID Section Descriptions

ADMINISTRATION

The Transportation Division's mandate is to provide a safe, efficient, environmentally-sensitive and cost-effective transportation network which encompasses traffic, pedestrian and cycling planning and construction, roadways management and parking. It also manages the City's equipment fleet.

TRANSPORTATION DEMAND

Traditionally, transportation strategies have addressed increased demand for roads by supplying more roads and by increasing the capacity of the road system (adding left-turn lanes, adjusting signal timing etc.). This approach has been termed a "supply-side" tactic. Increasingly, it is being realized that this strategy meets with very limited long-term success. Transportation Demand Management (TDM) aims to overcome this situation by instead focusing efforts on reducing the demand for roadway space. TDM is the planning and implementation of programs that seek to reduce road space demand by influencing travel choices and the amount and timing of travel. TDM aims to encourage more walking, cycling, public transit use, car-pooling, and tele-commuting.

TRANSPORTATION PLANNING

This section monitors and analyzes travel patterns in the city. Data is gathered and used to refine the city's transportation model, which assists in identifying future road network needs and assessing various transportation projects and development proposals.

ROADWAYS DESIGN & CONSTRUCTION

Roadways Engineering plan, design and construct capital roads projects. This includes implementing a 20-Year Road Plan in support of new growth in the community. They also conduct pavement management analyses to monitor a road's condition, and forecast and schedule necessary road surface improvement projects. Bridge management, engineering and maintenance is also the responsibility of this section.

NETWORK OPERATIONS

This section is responsible for the maintenance of the City's 659-kilometre roadway network. Maintenance of the road network consists of snow and ice control, street cleaning, road overlays, pothole patching, bike lanes, sidewalks/walkways, road shoulders, road marking (line painting) and traffic sign installations and repairs. Staff also manage several programs, one of which is the successful Adopt-A-Road program where community groups have "adopted" over 146 kilometres of city roadways, keeping them litter free.

VEHICLE & MOBILE EQUIPMENT MAINTENANCE

The Equipment group maintains the equipment fleet of 335 vehicles which includes cars, trucks, loaders, pavers etc. for all City Departments including the Fire Department. Only RCMP vehicles and those at Kelowna International Airport are excluded. This group is also involved in welding and fabrication, scheduling equipment for replacement, preparation of specifications for new equipment and the administration of all contracted equipment.

PARKING MANGEMENT

Maintenance and supervision of parking lots and facilities.

PERFORMANCE MEASURES

PROGRAM INPUT MEASURES		Actual 2003	Revised Adopted 2004	Financial Plan 2005
311	ADMINISTRATION	93,683	120,412	121,665
313	TRANSPORTATION DEMAND	(3)	4,245	0
314	TRANSPORTATION PLANNING	287,604	303,209	352,772
315	PARKING MANAGEMENT	(150,000)	(150,000)	(150,000)
316	ROADWAYS DESIGN & CONST.	136,370	135,294	138,222
3912	NETWORK OPERATIONS	2,697,934	2,831,440	2,965,762
3913	MGMT. & ADMIN. SERVICES	227,358	267,711	268,902
3914	TRAFFIC SIGNAL OPERATIONS	801,493	988,823	979,556
3916	VEHICLE & MOBILE EQUIP. MTCE.	0	2,491	0
Total Net Operating Expenditures		4,094,438	4,503,625	4,676,879

TRANSPORTATION SERVICES

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
PROGRAM OUTPUTS			
Total kilometres of Road Maintained	540	716	718
Lane kilometres of Bike Lanes	205	206	208
Lane kilometres of Curb & Gutter	318	386	390
Kilometres of painted centre lines	205	279	293
Number of vehicles maintained	346	356	371
PROGRAM OUTCOMES			
Kilometres of Bike lanes swept	1,713	1,722	1,939
Kilometres of Curb & Gutter swept	1,339	1,195	1,400
Kilometres of Downtown / Town centers swept	2,858	2,248	2,860
Roadside mowed (times per year)	3	2	3
Snowfall received (cm/occurrences)	56/27	71/20	70/30
Number of Fleet Corrective Work Orders	1,655	1,458	1,320
Number of Fleet Preventative Work Orders	1,030	950	1,210
EFFICIENCY MEASURES			
Operating cost per lane Km for Bike Lanes	\$23.21	\$21.57	\$24.00
Operating cost per lane Km for Curb & Gutter	\$20.65	\$27.26	\$25.00
Operating cost per lane Km for Town centers	\$14.70	\$15.85	\$16.00
Total cost for roadside mowing	\$29,779	\$54,355	\$60,000
Cost of snow removal	\$548,309	\$553,784	\$692,000
CUSTOMER SATISFACTION			
Number of sweeping service requests received	71	97	80
Customer satisfaction for sweeping as per survey	93	88	90
Number of mowing service requests received	5	16	16
Customer satisfaction for snow removal	86	83	90
Number of painting service requests received	5	10	5
INNOVATION AND LEARNING			

TRANSPORTATION SERVICES SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
REVENUE			
FEES AND CHARGES	(4,112,118)	(3,910,198)	(3,912,198)
OTHER REVENUE	(345,873)	(485,417)	(496,736)
TRANSFERS FROM FUNDS	(130,587)	(192,790)	(195,010)
Special (Stat Reserve) Funds	(12,800)	(12,800)	(12,800)
Development Cost Charge Funds			
Accumulated Surplus	(117,787)	(179,990)	(182,210)
TOTAL REVENUE	(4,588,578)	(4,588,405)	(4,603,944)
EXPENDITURES			
SALARIES & WAGES	3,027,914	3,766,805	3,932,254
INTERNAL EQUIPMENT	398,961	699,544	765,799
MATERIAL & OTHER	2,325,079	2,469,085	2,648,006
CONTRACT SERVICES	1,297,641	943,515	793,248
DEBT	2,935		
INTERNAL ALLOCATIONS	95,097	91,000	95,000
TRANSFERS TO FUNDS	1,535,388	1,122,081	1,046,516
Special (Stat Reserve) Funds	1,235,719	1,072,081	996,516
Development Cost Charge Funds			
Accumulated Surplus	299,670	50,000	50,000
TOTAL EXPENDITURES	8,683,015	9,092,030	9,280,823
NET OPERATING EXPENDITURES	4,094,438	4,503,625	4,676,879
CAPITAL EXPENDITURES			
FROM TAX DEMAND	7,792,388	8,009,100	8,783,700
OTHER FUNDING SOURCES	13,243,396	22,165,056	30,362,530
GROSS CAPITAL EXPENDITURES	21,035,784	30,174,156	39,146,230
NET OPERATING & CAPITAL EXP.	25,130,222	34,677,781	43,823,109

AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	19.3	18.0	19.3	19.4
<i>Hourly</i>	33.6	30.3	38.2	39.2
<i>Contract</i>				

TRANSPORTATION SERVICES

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time supplementals	(\$135,820)	\$0	
2) Annualized 2004 budget cost	(\$16,955)	(\$16,955)	0.5
3) Salary Adjustments	\$65,888	\$65,888	
4) Utility adjustment - Chapman Parkade	\$17,600	\$17,600	
5) Offset to Reserves	(\$32,535)	(\$32,535)	
6) Revenue adjustment - offset to salary adjustment	(\$6,269)	(\$6,269)	
7) Miscellaneous Adjustments	\$1,202	\$1,202	
8) 2005 Supplementals	\$3,031,012	\$149,916	0.6
9) 2005 Expenditure Reductions	(\$11,207)	(\$5,593)	
 Total Changes for 2005	 \$2,912,916	 \$173,254	 1.1
 Unfunded 2005 Requests			
1) 2005 Supplementals	\$25,000	\$25,000	
2) 2005 Expenditure reductions	(\$5,000)	(\$5,000)	
Total Unfunded Changes for 2005	\$20,000	\$20,000	0.0

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
GENERAL FUND PRIORITY 1 - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
TRANSPORTATION SERVICES						
311-10-313-0-8039	BIKE TO WORK WEEK	25,000	25,000	TRANDEM	0	ONETIME
311-10-314-0-8067	TRAFFIC DATA COLLECTION	45,000	0		45,000	ONGOING
109-10-315-0-432	PARKING MISC TOOLS	5,000	5,000	PARKRES	0	ONGOING
252-10-315-PL25X-520	PARKADE CLEANING	15,000	15,000	PARKRES	0	ONGOING
XX1-10-315-PL999-521	PARKING LOT SNOW REMOVAL	2,000	2,000	REVENUE	0	ONGOING
252-10-315-PL999-574	SECURITY CHAPMAN PARKADE	15,000	15,000	PARKRES	0	ONGOING
XXX-10-3912-0-1222	DITCH INVENTORY	15,640	0		15,640	ONGOING
XXX-10-3912-0-1281	SLOPE STABILITY	75,000	0		75,000	ONGOING
X11-10-3912-0-1303	SALT MANAGEMENT PLAN	23,040	23,040	SNOWRSV	0	ONETIME
311-10-3912-0-1370	WEATHER FORECASTING	1,600	0		1,600	ONGOING
231-10-3916-0-1330	CAR POOL RESERVATION SYSTEM	2,100	2,100	EQREPRES	0	ONGOING
511-10-3916-0-1330	ADMINISTRATIVE ASSISTANT	45,930	45,930	CAP/RES	0	ONGOING
2XX-10-391X-0-1XXX	INTERNAL EQUIPMENT RATES	22,870	0		22,870	ONGOING
26X-10-3XX-XXXX-5	UTILITY COST ADJUSTMENT	9,832	20,026		(10,194)	ONGOING
DEPARTMENT TOTALS		303,012	153,096		149,916	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
TRANSPORTATION						
XXX-10-391X-0-XXX	GST REDUCTION	11,207	5,614	RESERVE	5,593	ONGOING
DEPARTMENT TOTALS		11,207	5,614		5,593	

CITY OF KELOWNA
2005 CAPITAL BUDGET SUMMARY
GENERAL FUND
PROVISIONAL BUDGET



CHARTFIELD	DESCRIPTION	TAXATION	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	UTILITY REVENUE	TOTAL
<u>TRANSPORTATION - Priority 1</u>								
1.	10-3290-A50X BUS STOPS	0	120,000	0	0	0	0	120,000
2.	10-3300-R1021 ABBOTT ST. CORRIDOR STUDY	40,000	0	0	0	0	0	40,000
3.	10-3300-R269 CRAWFORD (WESTRIDGE - PARKRIDGE)	600,000	0	0	0	0	0	600,000
4.	10-3300-R488 KENT (BARLEE - VASILE)	250,000	0	0	0	0	0	250,000
5.	10-3300-R491 KLO/SPIERS INTERSECTION	20,000	0	0	0	0	0	20,000
6.	10-3301-A205 PAVEMENT MANAGEMENT	75,000	0	0	0	0	0	75,000
7.	10-3301-R999 ROAD RESURFACING	2,314,000	20,000	0	0	0	0	2,334,000
8.	10-3304-RXXX SIDEWALK NETWORK	700,000	0	0	0	0	0	700,000
9.	10-3306-RXXX BICYCLE LANES/FACILITIES	500,000	0	0	0	0	0	500,000
10.	10-3308-RXXX BRIDGE REHAB	90,000	0	0	0	0	0	90,000
11.	10-3314-R999 ON-STREET METER REPLACEMENT	0	200,000	0	0	0	0	200,000
12.	10-3314-RXXX PARKING LOT DEVELOPMENT	0	110,000	0	0	0	0	110,000
13.	10-3340-R879 TRANSIT EXCHANGE DEVELOPMENT	500,000	500,000	0	0	0	0	1,000,000
14.	10-3391-T998 ITS TRAFFIC SIGNAL SYSTEM	250,000	0	0	260,000	0	0	510,000
15.	10-3391-T999 TRAFFIC SIGNAL UPGRADES	210,000	0	0	0	0	50,000	260,000
16.	10-3393-T999 NEW TRAFFIC SIGNALS	220,000	0	0	0	0	0	220,000
17.	10-3394-RXXX SAFETY & OPERATIONAL IMP.	350,000	0	0	0	0	0	350,000
18.	10-3398-AR21 TRANSPORTATION PLAN UPDATE	150,000	0	0	0	0	0	150,000
19.	10-3398-T330 EMERGENCY SIGNAL PRE-EMPTION	250,000	0	0	0	0	0	250,000
20.	10-3400-R303 BENOULIN 2	0	2,000,000	0	0	0	0	2,000,000
21.	10-3400-R400 GORDON 1-2 (OLD MED.- STONYBROOK)	129,000	371,000	0	0	0	0	500,000
22.	10-3400-R400 GORDON BRIDGE (MISSION CREEK)	19,400	80,600	0	0	0	0	100,000
23.	10-3400-R400 GORDON/DEHART INTERSECTION	225,000	525,000	0	0	0	0	750,000
24.	10-3400-R426 HIGHWAY 33 1 (HWY 97 - ENTERPRISE)	0	1,800,000	0	0	0	0	1,800,000
25.	10-3400-R42X HIGHWAY 97 - FRONTAGE AT LECKIE	40,000	0	0	0	40,000	0	80,000
26.	10-3400-R490 KLO (GORDON - BENOULIN)	1,014,000	1,586,000	0	0	0	0	2,600,000
27.	10-3400-R517 LAKESHORE 3B (MISSION CR. BRIDGE)	29,000	121,000	0	0	0	0	150,000
28.	10-3400-R826 STEWART 3 (SAUCIER - 800M N)	42,000	158,000	0	0	0	0	200,000
29.	10-3400-R977 RUTLAND 2 (RAINS - OLD VERNON)	193,000	157,000	0	0	0	0	350,000
30.	10-3900-0-Q25 MISC. TOOLS (ROADWAYS)	25,000	0	0	0	0	0	25,000
31.	10-3900-0-Q25 MISC. TOOLS (TRAFFIC)	25,000	0	0	0	0	0	25,000
32.	10-3900-0-Q25 CAR POOL RESERVATION SYSTEM	0	32,000	0	0	0	0	32,000
33.	10-3900-0-Q25 MISC. TOOLS (GARAGE)	0	25,000	0	0	0	0	25,000
34.	10-3900-V623 ECONOMY TRUCK	0	20,000	0	0	0	0	20,000
35.	10-3900-V623 3/4 TON PICK-UP	0	33,200	0	0	0	0	33,200
36.	10-3900-V623 S/A FLAT DECK W/CRANE	0	151,500	0	0	0	0	151,500
37.	10-3900-V623 FORESTRY UNIT	0	226,500	0	0	0	0	226,500
38.	10-3900-V624 TRACTOR MOWER	0	36,200	0	0	0	0	36,200
39.	10-3900-V624 12" CHIPPER	0	40,000	0	0	0	0	40,000
40.	10-3900-V624 MUNICIPAL TRACTOR	0	132,600	0	0	0	0	132,600
41.	10-3900-V624 HYDRAULIC BREAKER	0	37,500	0	0	0	0	37,500
42.	10-3900-V625 SERVICE TRUCK - TRADES	32,500	0	0	0	0	0	32,500
43.	10-3900-V625 PASSENGER VAN - MUSEUM	0	31,500	0	0	0	0	31,500
44.	10-3900-V626 LINE PAINTER	0	175,000	0	0	0	0	175,000
45.	10-3900-V626 SERVICE VEHICLE-PUMP OPERATIONS	0	0	0	0	0	45,000	45,000
46.	10-3900-V626 SCREENING PLANT	0	140,000	0	0	0	0	140,000
47.	10-3900-V626 1/2 TON CREW CAB 4X4 - FIRE HALL	18,600	26,400	0	0	0	0	45,000

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL FUND
 PROVISIONAL BUDGET



CHARTFIELD	DESCRIPTION	TAXATION	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	UTILITY REVENUE	TOTAL
<u>TRANSPORTATION CONTINUED</u>								
48.	10-3900-V626' MID-SIZE CAR	30,000	0	0	0	0	0	30,000
49.	10-3900-V62X ONE TON TRUCKS (2)	0	79,000	0	0	0	0	79,000
50.	10-3900-V62X INSPECTION VEHICLES	0	45,000	0	0	0	0	45,000
51.	10-3900-V62X SEASONAL PICK-UP TRUCKS (5)	115,000	0	0	0	0	0	115,000
52.	10-3900-V62X HYBRID VEHICLES	50,000	0	0	0	0	0	50,000
53.	10-3900-V62X T/A GRAVEL TRUCKS (2)	0	310,500	0	0	0	0	310,500
54.	10-3900-V62X ECONOMY CARS (5)	0	99,000	0	0	0	0	99,000
55.	10-3900-V62X SLIDE-IN SANDER (4)	0	42,700	0	0	0	0	42,700
56.	10-3900-V62X END DUMP TRAILERS (2)	0	103,000	0	0	0	0	103,000
DEPARTMENT PRIORITY 1 TOTALS		8,506,500	9,535,200	0	260,000	40,000	95,000	18,436,700

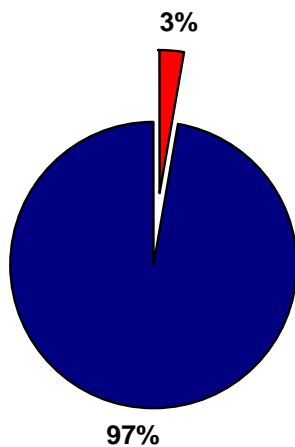
GENERAL FUND

TRANSIT

John Vos - Director of Works & Utilities
 Ron Westlake - Transportation Manager

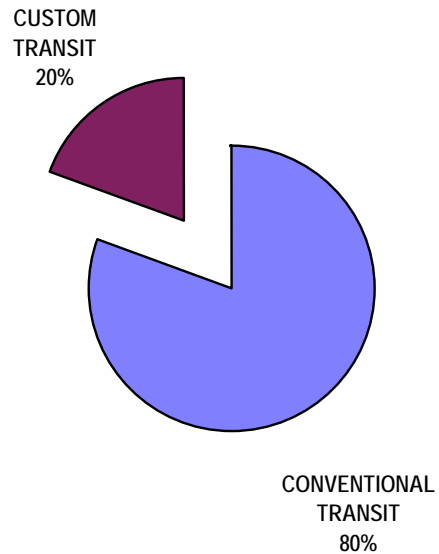
Percent of General Fund Operating

Transit = \$1.6 Million



General Fund Operating = \$62.4 Million

Division Summary



Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	1,667,342	1,685,209	17,867	1.1%
Capital	0	0	0	0.0%
Total Taxation Expenditure	1,667,342	1,685,209	17,867	1.1%
Authorized Positions	0.0	0.0	0.0	0.0%

TRANSIT

Department ID Section Descriptions

CONVENTIONAL TRANSIT

The Kelowna Regional Transit System serves the City of Kelowna, Westside, Peachland and Lake Country. The conventional transit program is cost shared with BC Transit and the regional partners. The transit system is operated by Farwest Transit Services Inc.

Most of the 40 bus fleet are the accessible low floor buses, with no entry steps and two wheelchair/scooter positions. Buses run Monday through Saturday from 6:00 am until past 10:00 pm, and on Sunday & Holidays from 9:00 am to 6:00 pm

All of the buses are equipped with bicycle racks on the front to provide additional convenience for transit users. The rack holds two bicycles and have simple instructions posted right on them. Each bike can be loaded or unloaded independently. You don't need to move one bike to reach the other. The rack holds most wheel and frame sizes.

Further information is available from City Hall or on-line at www.kelownatransit.com

CUSTOM TRANSIT

The Kelowna handyDART system operates 14 vehicles Monday to Friday from 7 am to 6 pm. HandyDART service is available for passengers with disabilities. HandyDart provides door-to-door services for most trips or will transfer passengers to the accessible conventional service for longer trips. The service also utilizes taxis to supplement the service to more than 3,500 registered handyDART users.

The custom transit program is cost shared with BC Transit and the Central Okanagan Regional District.

PERFORMANCE MEASURES

<i>PROGRAM INPUT MEASURES</i>		<i>Actual 2003</i>	<i>Revised Adopted 2004</i>	<i>Financial Plan 2005</i>
327	CONVENTIONAL TRANSIT	1,219,514	1,399,864	1,356,078
328	CUSTOM TRANSIT	236,691	267,478	329,131
Total Net Operating Expenditures		1,456,206	1,667,342	1,685,209

TRANSIT

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
NOTE: These measures are for the Kelowna Regional Transit System in total.			
PROGRAM OUTPUTS			
<i>Conventional Transit</i>			
# of vehicles in service	38	40	40
Revenue hours of service	108,202	110,878	110,878
Revenue passengers	2,823,034	2,950,000	3,034,200
# of transit shelters	31	32	34
<i>Custom Transit</i>			
# of vehicles in service	14	14	14
Revenue hours of service	29,989	29,673	29,673
Revenue passengers	152,190	155,000	156,000
PROGRAM OUTCOMES			
% of routes operating on schedule.	75%	85%	95%
% of actual revenues to budget forecast.	95%	+/- 3%	+/- 3%
EFFICIENCY MEASURES			
<i>Conventional Transit</i>			
Cost recovery	34%	32%	36%
Rides/hour	26.1	26.4	26.6
Cost/ride	\$3.10	\$3.03	\$3.06
Total cost/hour	\$80.99	\$80.08	\$81.32
<i>Custom Transit</i>			
Cost recovery	11%	14%	13%
Rides/hour	4.0	5.2	5.2
Cost/ride	\$10.48	\$9.26	\$10.54
Total cost/hour	\$46.73	\$48.39	\$55.42
CUSTOMER SATISFACTION			
INNOVATION AND LEARNING			

TRANSIT SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<u>REVENUE</u>			
FEES AND CHARGES	(2,652,816)	(2,810,195)	(2,891,715)
OTHER REVENUE	(3,554,251)	(3,584,883)	(3,884,226)
TRANSFERS FROM FUNDS			
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus			
TOTAL REVENUE	(6,207,067)	(6,395,078)	(6,775,941)
<u>EXPENDITURES</u>			
SALARIES & WAGES	242		
INTERNAL EQUIPMENT	17		
MATERIAL & OTHER	3,145	1,800	4,000
CONTRACT SERVICES	7,469,565	7,865,790	8,211,720
DEBT			
INTERNAL ALLOCATIONS	109,973	110,000	114,000
TRANSFERS TO FUNDS	80,330	84,830	131,430
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus	80,330	84,830	131,430
TOTAL EXPENDITURES	7,663,272	8,062,420	8,461,150
NET OPERATING EXPENDITURES	1,456,206	1,667,342	1,685,209
CAPITAL EXPENDITURES			
FROM TAX DEMAND			
OTHER FUNDING SOURCES			
GROSS CAPITAL EXPENDITURES			
NET OPERATING & CAPITAL EXP.	1,456,206	1,667,342	1,685,209

AUTHORIZED F.T.E. POSITIONS

Salaried
Hourly
Contract

TRANSIT

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time supplementals	\$104,900	\$104,900	
2) Annualized 2004 budget cost	\$31,960	\$31,960	
3) Conventional Transit - 2005 adjustment plus GST	(\$297,576)	(\$301,573)	
4) Custom Transit changes	\$31,053	\$27,050	
5) Appropriation to reserve - advertising revenues	\$46,600	\$46,600	
6) Miscellaneous adjustments - museum washroom	\$2,200	\$2,200	
7) Internal allocations	\$4,000	\$4,000	
8) 2005 Supplementals	\$106,280	\$52,730	
Total Changes for 2005	\$29,417	(\$32,133)	0.0

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
GENERAL FUND PRIORITY 1 - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
TRANSIT						
252-10-327-0-8004	TRANSIT SERVICE EXPANSION	106,280	53,550	REVENUE	52,730	ONGOING
DEPARTMENT TOTALS		106,280	53,550		52,730	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
TRANSIT						
XXX-10-327-0-XXX	CONV. & CUSTOM TRANSIT	84,860	0		84,860	ONGOING
DEPARTMENT TOTALS		84,860	0		84,860	

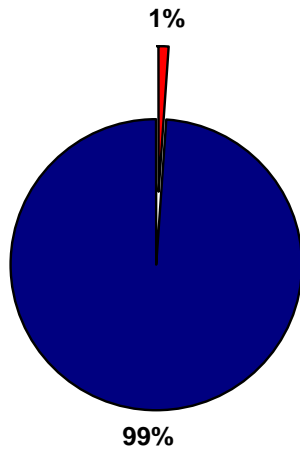
GENERAL FUND

STORM WATER MANAGEMENT

John Vos - Director of Works & Utilities
 Don Degen - Water Manager

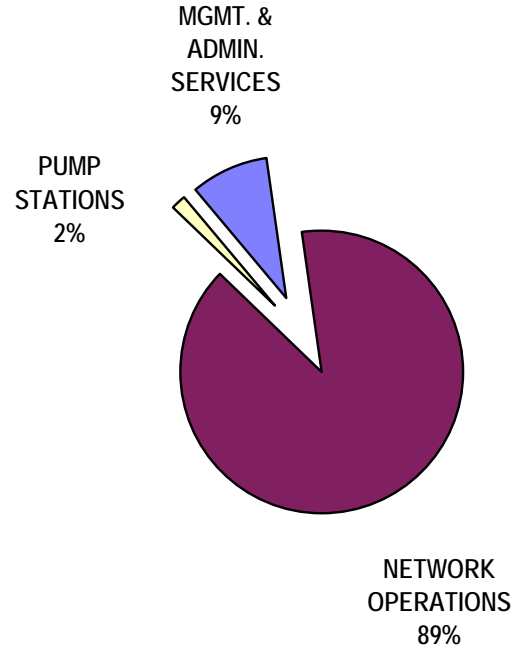
Percent of General Fund Operating

Storm Water Management = \$0.7 Million



General Fund Operating = \$62.4 Million

Division Summary



Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	674,094	695,213	21,119	3.1%
Capital	1,603,900	1,658,000	54,100	3.4%
Total Taxation Expenditure	2,277,994	2,353,213	75,219	3.3%
Authorized Positions	6.8	7.7	0.9	12.8%

STORM WATER MANAGEMENT

DEPARTMENT GOALS

The Drainage Division is responsible for the planning, design and construction of the City's drainage infrastructure systems. It is also responsible for operating and maintaining the infrastructure of these systems. This is accomplished through sound planning and design as well as timely and cost-effective maintenance and operating procedures.

CURRENT YEAR STRATEGIC OBJECTIVES

FINANCE

1. Ensure the annual drainage capital plan fits with the 10 year financial model.
2. Review the financial impacts associated with the revised catch basin inventory and current service levels for cleaning and maintaining.

FACILITIES, EQUIPMENT AND TECHNOLOGY

1. Research and develop a 5 year plan for servicing detention facilities using the latest methods in technology that are environmentally and customer sensitive.
2. Review the catch basin maintenance program in conjunction with the revised inventory and assess service levels.

CUSTOMER SATISFACTION

1. Respond to all drainage complaints within 48 hours of receiving them.
2. Ensure that as part of all utility and transportation restoration works or future project design, the drainage impacts as a result of changes to current conditions are adequately assessed.

HUMAN RESOURCES

1. Ensure engineering staff are exposed to and receive annual training on the latest in technology and best management practice associated with drainage system management.



STORM WATER MANAGEMENT

Department ID Section Descriptions

ADMINISTRATION

The Drainage group oversees the planning, design and construction of the City's drainage system. This section provides support, guidance and administrative services to the division.

NETWORK OPERATIONS

This section operates and maintains the current infrastructure to ensure required service levels are provided. The drainage system includes 250 km of storm drainage pipe, more than 7,500 catch basins, 3900 manholes/drywells and storm pumping stations. Cleaning frequency, with the exception of some priority routes, was once every five years but has been increased in frequency over the last two years. This is to remove sediment and pollutants from the storm system.

PERFORMANCE MEASURES

PROGRAM INPUT MEASURES	Actual 2003	Revised Adopted 2004	Financial Plan 2005
5913 MGMT. & ADMIN. SERVICES	62,355	60,838	61,260
5914 NETWORK OPERATIONS	543,827	601,740	622,361
5915 PUMP STATIONS	15,943	11,516	11,592
Total Net Operating Expenditures	622,125	674,094	695,213

STORM WATER MANAGEMENT

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
PROGRAM OUTPUTS			
# of meters of Main Flushing	79,361	23,889	24,000
# of Catch Basin Cleaning	4,755	6,543	7,000
# of Manhole / Drywell Cleaning	864	1,396	1,300
PROGRAM OUTCOMES			
% of regular water quality analysis that meets program guidelines		100%	100%
EFFICIENCY MEASURES			
Cost of Main Flushing	\$38,068	\$38,917	\$40,000
Cost of Catch Basin Cleaning	\$96,275	\$144,071	\$160,000
Cost of Manhole / Drywell Cleaning	\$46,497	\$41,352	\$40,000
CUSTOMER SATISFACTION			
Street storm drainage (capacity)	90%	91%	92%
INNOVATION AND LEARNING			

STORM WATER MANAGEMENT SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<u>REVENUE</u>			
FEES AND CHARGES			
OTHER REVENUE			(64,340)
TRANSFERS FROM FUNDS		(183,150)	(133,480)
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus		(183,150)	(133,480)
TOTAL REVENUE		(183,150)	(197,820)
<u>EXPENDITURES</u>			
SALARIES & WAGES	406,372	440,972	499,081
INTERNAL EQUIPMENT	115,948	172,645	16,845
MATERIAL & OTHER	85,595	240,427	373,907
CONTRACT SERVICES	185	3,200	3,200
DEBT			
INTERNAL ALLOCATIONS			
TRANSFERS TO FUNDS	14,024		
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus	14,024		
TOTAL EXPENDITURES	622,125	857,244	893,033
NET OPERATING EXPENDITURES	622,125	674,094	695,213
<u>CAPITAL EXPENDITURES</u>			
FROM TAX DEMAND	1,127,353	1,603,900	1,658,000
OTHER FUNDING SOURCES	465,946	655,140	1,078,650
GROSS CAPITAL EXPENDITURES	1,593,299	2,259,040	2,736,650
NET OPERATING & CAPITAL EXP.	2,215,424	2,933,134	3,431,863

AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	1.3	1.2	1.3	1.2
<i>Hourly</i>	5.2	5.5	5.5	6.4
<i>Contract</i>				

STORM WATER MANAGEMENT

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time supplementals	\$183,150	\$0	-0.3
2) Annualized 2004 budget costs	(\$6,515)	(\$6,515)	-0.1
3) Salary Adjustments	\$8,324	\$8,324	
4) 2005 Supplementals	\$83,650	\$19,310	1.3
 Total Changes for 2005	 \$268,609	 \$21,119	 0.9

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
GENERAL FUND PRIORITY 1 - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>STORM WATER MANAGEMENT</u>						
XXX-10-5914-0-138	UTILITIES PLANNING AND SUPPORT TECH*	19,310	0		19,310	ONGOING
XXX-10-5914-0-141	WEST NILE VIRUS PREVENTION PROGRAM	64,340	64,340	REVENUE	0	ONGOING
DEPARTMENT TOTALS		83,650	64,340		19,310	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL FUND
 PROVISIONAL BUDGET



CHARTFIELD	DESCRIPTION	TAXATION	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	UTILITY REVENUE	TOTAL
<u>STORM WATER - Priority 1</u>								
1. 10-4000-D1751	BRANDTS' CREEK POND SITE SURVEYS	43,000	0	0	0	0	0	43,000
2. 10-4000-D4110	GULLEY (SPIERS - GREENWOOD)	170,000	60,000	0	0	0	0	230,000
3. 10-4000-D4880	KENT RD EXTENSION	50,000	0	0	0	0	0	50,000
4. 10-4000-D6235	MOYER RD WETLANDS	800,000	0	0	0	0	0	800,000
5. 10-4000-D6459	ORCHARD DR ACCESS ROAD	30,000	0	0	0	0	0	30,000
6. 10-4000-D7291	REDLICH POND OUTLET	20,000	0	0	0	0	0	20,000
7. 10-4000-D8150	SPEC 23 DRAINAGE IMPROVEMENTS	200,000	0	0	0	0	0	200,000
8. 10-4000-D9140	VERNON CREEK FLUME	65,000	0	0	0	0	0	65,000
9. 10-4002-D9998	MISC STORMWATER	200,000	0	0	0	0	0	200,000
10. 10-4003-D7900	CONTAINMENT DEVICES	80,000	0	0	0	0	0	80,000
DEPARTMENT PRIORITY 1 TOTALS		1,658,000	60,000	0	0	0	0	1,718,000

GENERAL FUND

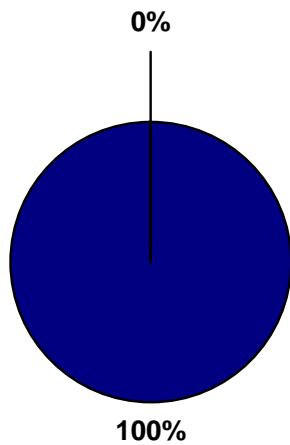
SOLID WASTE MANAGEMENT

John Vos - Director of Works & Utilities
 Mark Watt - Environmental & Solid Waste Manager

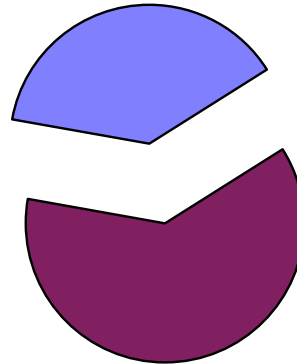
Percent of General Fund Operating

Division Summary

Solid Waste Management = \$0.0 Million



BIOSOLID
COMPOSTING
38%



MGMT. &
ADMIN.
SERVICES
62%

General Fund Operating = \$62.4 Million

Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	0	0	0	0.0%
Capital	0	0	0	0.0%
Total Taxation Expenditure	0	0	0	0.0%
Authorized Positions	13.1	16.5	3.4	26.1%

SOLID WASTE

DEPARTMENT GOALS

In 2004, as part of the restructuring of the Works and Utilities Department, Solid Waste Management and Environment came under the same management area. Solid Waste Management is responsible for the planning, design and construction of the City's solid waste system (landfill) and for the management of the City's garbage contract.

CURRENT YEAR STRATEGIC OBJECTIVES

FACILITIES, EQUIPMENT AND TECHNOLOGY

1. The landfill will be upgraded to ensure gas collection and utilization in 2005. The Northeast pond area will also see some grading and compaction in preparation for pond construction
2. Capital Works will also need to be underway in the phase 2 fill area before filling in that area.
3. In 2005 it is anticipated that a new biosolids facility will be designed and built at a new location in cooperation with the City of Vernon. A decommissioning of the Winfield site will occur as the move is made to the new location.

CUSTOMER SATISFACTION

1. Sunday openings in January 2005 will be implemented and will provide an increased level of service requested by the public.

RESEARCH & DEVELOPMENT

1. An increased monitoring program has been recommended and budgeted in order to more thoroughly understand groundwater, leachate levels, and landfill gas concentrations.



SOLID WASTE MANAGEMENT

Department ID Section Descriptions

LANDFILL OPERATIONS

Staff are also responsible for the planning, design and implementation of capital and operational improvements related to the disposal of solid waste. They operate and maintain the Glenmore Landfill (located at 2105 Glenmore Road)

There is no charge for the disposal of yard waste including prunings up to eight inches in diameter. During spring chip it months (March and April) and fall chip it months (October and November) curbside pickup of yard waste is performed by the City contractor.

SOLID WASTE COLLECTIONS

This section provides for the management of residential garbage and recycling collection within the City. An estimated 29,774 residential collections are made on a weekly basis by a City contractor.

BIOSOLIDS COMPOSTING

The biosolids composting program is administered by the Solid Waste Management group on behalf of the Wastewater Utility. Oogrow is a nutrient rich soil amendment produced by composting a mixture of wood chips and biosolids. Safe, effective and environmentally friendly, it's ideal for use in landscaping, orchards, vegetable gardens and potting soil.

ADMINISTRATION

This division provides support, guidance and administrative services to the department.

PERFORMANCE MEASURES

PROGRAM INPUT MEASURES	Actual 2003	Revised Adopted 2004	Financial Plan 2005
4510 LANDFILL OPERATIONS	(129,598)	(129,788)	(148,791)
4511 SOLID WASTE COLLECTIONS	45,000	0	0
4512 BIOSOLID COMPOSTING	(0)	40,000	57,160
4513 MGMT. & ADMIN. SERVICES	87,398	89,788	91,631
Total Net Operating Expenditures	2,799	0	0

SOLID WASTE MANAGEMENT

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
PROGRAM OUTPUTS			
Amount of Buried Garbage (tonnes)	96,772	107,680	118,000
Amount of Recycled Material (tonnes)	15,318	17,590	19,500
Amount of Soil Cover (tonnes)	89,677	125,546	135,000
PROGRAM OUTCOMES			
Biosolids Processed (tonnes)	15,235	16,999	18,000
EFFICIENCY MEASURES			
Cost of Garbage Burial per tonne	\$8.54	\$9.54	\$11.00
CUSTOMER SATISFACTION			
Garbage collection services (per citizens survey)	97%	95%	97%
Yard waste collection (per citizens survey)	85%	90%	92%
Two bag per week limit (per citizens survey)	88%	88%	90%
INNOVATION AND LEARNING			

SOLID WASTE MANAGEMENT SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<u>REVENUE</u>			
FEES AND CHARGES	(7,030,166)	(6,714,123)	(7,284,491)
OTHER REVENUE	(738,289)	(777,819)	(977,819)
TRANSFERS FROM FUNDS			
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus			
TOTAL REVENUE	(7,768,455)	(7,491,942)	(8,262,310)
<u>EXPENDITURES</u>			
SALARIES & WAGES	658,379	761,191	965,767
INTERNAL EQUIPMENT	372,771	512,892	596,344
MATERIAL & OTHER	1,569,101	884,059	1,463,591
CONTRACT SERVICES	2,299,191	2,209,986	2,689,399
DEBT			
INTERNAL ALLOCATIONS	166,715	192,715	192,715
TRANSFERS TO FUNDS	2,705,097	2,931,099	2,354,494
Special (Stat Reserve) Funds	2,705,097	2,931,099	2,354,494
Development Cost Charge Funds			
Accumulated Surplus			
TOTAL EXPENDITURES	7,771,254	7,491,942	8,262,310
NET OPERATING EXPENDITURES	2,799		
<u>CAPITAL EXPENDITURES</u>			
FROM TAX DEMAND	(8,053)		
OTHER FUNDING SOURCES	450,300	5,079,900	7,376,000
GROSS CAPITAL EXPENDITURES	442,247	5,079,900	7,376,000
NET OPERATING & CAPITAL EXP.	445,046	5,079,900	7,376,000

AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	2.2	2.2	2.2	2.2
<i>Hourly</i>	10.9	9.1	10.9	14.3
<i>Contract</i>				

SOLID WASTE MANAGEMENT

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) Salary adjustments	\$14,741	\$0	
2) GST rebate	(\$25,747)	\$0	
3) Contract Services - Garbage Collection	\$332,874	\$0	
4) Transfers to funds	(\$6,000)	\$0	
5) Revenue offset to garbage contract services & GST	(\$315,868)	\$0	
6) 2005 supplementals	\$959,250	\$0	3.4
 Total Changes for 2005	 \$959,250	 \$0	 3.4

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
GENERAL FUND PRIORITY 1 - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
SOLID WASTE						
413-10-4510-0-101	TRAINING & CERTIFICATION	15,000	15,000	LNDFLRES	0	ONGOING
521-10-4510-0-101	SEASONAL LABOURERS	35,000	35,000	LNDFLRES	0	ONGOING
231-10-4510-0-102	GRINDING ORGANICS	50,000	50,000	LNDFLRES	0	ONGOING
XXX-10-4510-0-102	GYPSUM RECYCLE	232,000	232,000	REVENUE	0	ONGOING
XXX-10-4510-0-10X	SUNDAY OPENINGS	247,500	247,500	REV/RES	0	ONGOING
XXX-10-4510-0-144	LANDFILL GAS MANAGEMENT	102,100	102,100	LNDFLRES	0	ONGOING
XXX-10-4512-0-154	BIOSOLIDS VERNON	200,000	200,000	REVENUE	0	ONGOING
XXX-10-4510-0-175	WATER QUALITY	42,500	42,500	LNDFLRES	0	ONGOING
XXX-10-4510-0-XXX	LANDFILL FILLING PLAN	33,000	33,000	LNDFLRES	0	ONGOING
26X-10-451X-0-588	UTILITY COST ADJUSTMENT*	2,150	2,150	LNDFLRES	0	ONGOING
DEPARTMENT TOTALS		<u>959,250</u>	<u>959,250</u>		<u>0</u>	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
SOLID WASTE MANAGEMENT						
XXX-10-4510-0-XXX	GST REDUCTION	25,747	25,747	RESERVE	0	ONGOING
DEPARTMENT TOTALS		<u>25,747</u>	<u>25,747</u>		<u>0</u>	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL FUND
 PROVISIONAL BUDGET



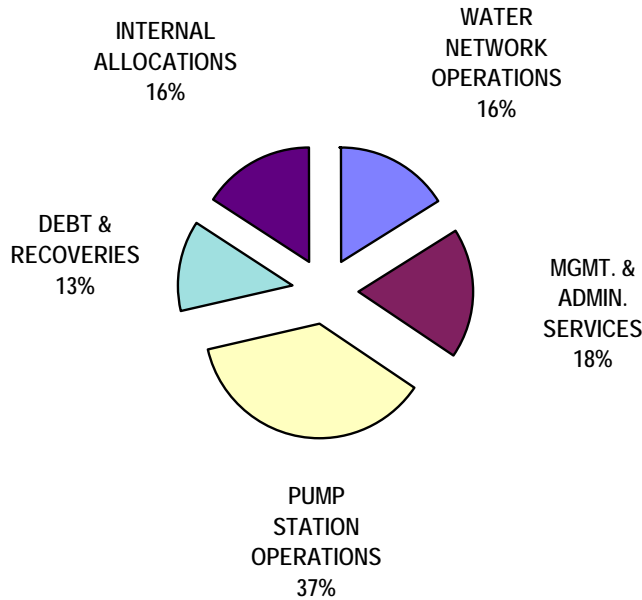
CHARTFIELD	DESCRIPTION	TAXATION	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	UTILITY REVENUE	TOTAL
SOLID WASTE								
1. 10-4500-LF102	GAS BLOWER FLARE SYSTEM	0	1,325,000	0	0	0	0	1,325,000
2. 10-4500-LF103	SURFACE WATER MANAGEMENT	0	166,000	0	0	0	0	166,000
3. 10-4500-LF107	LEACHATE MANAGEMENT	0	800,000	0	0	0	0	800,000
4. 10-4500-LF108	LEACHATE RECIRCULATION	0	197,000	0	0	0	0	197,000
5. 10-4500-LF130	GROUNDWATER MONITORING WELLS	0	200,000	0	0	0	0	200,000
6. 10-4500-LF181	TECHNICAL TRAILER	0	80,000	0	0	0	0	80,000
7. 10-4500-LF182	SCALE SOFTWARE	0	65,000	0	0	0	0	65,000
DEPARTMENT PRIORITY 1 TOTALS		0	2,833,000	0	0	0	0	2,833,000

WATER FUND

WATER

John Vos - Director of Works & Utilities
Don Degen - Water Manager

Division Summary



Department Overview

Utility Expenditures	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Net Operating	(1,752,500)	(2,205,600)	(453,100)	25.9%
Capital	1,752,500	2,205,600	453,100	25.9%
Total Utility Expenditure	0	0	0	0.0%
Authorized Positions	21.8	22.9	1.1	5.1%

WATER DIVISION

DEPARTMENT GOALS

The City of Kelowna Water Utility is dedicated to providing quality drinking water to its customers.

The delivery of safe, high quality potable water will be achieved by ensuring the Utility is continually dedicated to high water quality standards and by providing exceptional service to its customers.

The water utility will also strive to promote the efficient use of the water resource and foster a culture with its customers to promote effective water conservation. The water utility will also be an active participant in the city's energy efficiency programs and corporate sustainability planning.

CURRENT YEAR STRATEGIC OBJECTIVES

FINANCE

1. Complete the 10 year financial model update for the water utility to reflect the 20 year servicing plan and the proposed water rate structure based on an increasing block strategy.
2. Complete a review of the Utility Network division programs and organizational structure.
3. Assess financial impacts associated with opportunities for improvement.
4. Implement changes that add value and streamline programs based on recommendations.
5. Review financial impacts and opportunities associated with designing and constructing a long range strategy to service the city's north end industrial park area.
6. Ensure all operating programs are within 2% of approved budgets.

FACILITIES, EQUIPMENT AND TECHNOLOGY

1. Implement operating and maintenance procedures and protocols for all existing intake pumping stations to accommodate enhanced treatment using UV.
2. Complete improvements to the automated supervisory control and data acquisition system for the pumping facilities to ensure all data gathering systems are integrated into one system.
3. Ensure that all facility improvements and technology are designed and completed in accordance with the city's building sustainability plans.

CUSTOMER SATISFACTION

1. Ensure that all customer inquiries /complaints are responded to within 24 hours of receiving them.
2. Ensure that customers are provided with an opportunity to provide feedback on their level of satisfaction with water quality and water supply.
3. Review recommendations and feedback. Communicate action to customers.

PARTNERSHIPS

1. Continue to work with all other water purveyors within the city to ensure that wherever possible, a consistent approach to water management is achieved.

RESEARCH & DEVELOPMENT

1. Research and develop more effective ways to complete and record priority field maintenance program data in cooperation with the IS department. These include hydrant, valve, and cross connection control maintenance programs.

2. Identify cost effective opportunities using advanced meter reading technology to assist in providing better customer consumption information for the Water Smart program.

HUMAN RESOURCES

1. A comprehensive training plan has been developed for the Water Division as part of the continuous improvement process. Core utility Network system operators will receive level 1 and level 2 certification in water distribution in 2004. Final training requirements will be completed in the spring of 2005.



<u>WATER DEPARTMENT</u>				
COMPARISON OF 2004 AND 2005 REVENUES AND EXPENDITURES				
	<u>2004</u>	<u>2005</u>	<u>2005</u>	<u>TOTAL</u>
	<u>BUDGET</u>	<u>BASE</u>	<u>CHANGES</u>	
<u>REVENUES</u>				
Water Sales				
Domestic	3,131,440	3,131,440	124,400	3,255,840
Commercial	862,520	862,520	27,000	889,520
Hydrant Useage Fee	540	540	0	540
Beaver Lake Road	4,000	4,000	0	4,000
Frontage / Parcel Tax	1,046,326	1,046,326	60,000	1,106,326
Flat Rate (Misc)	6,000	6,000	0	6,000
Fireline	27,750	27,750	0	27,750
Sale to Own Municipality	41,365	41,076	0	41,076
Hydrant Rentals / Fire Dept.	87,135	90,445	0	90,445
Connection & Service Charges	13,000	13,000	0	13,000
Other Revenues				
Salvage Sales	500	500	0	500
Interest Earned	70,660	70,660	0	70,660
Irrigation Tax Levy	2,500	2,500	0	2,500
	<u>5,293,736</u>	<u>5,296,757</u>	<u>211,400</u>	<u>5,508,157</u>
<u>EXPENDITURES</u>				
Management & Administration				
Operating	775,717	766,930	12,000	778,930
Debt	596,965	552,067	0	552,067
Internal Allocations	631,545	641,394	0	641,394
Revenues & Recoveries	0	0	0	0
Appropriation to Reserve	20,000	20,000	0	20,000
Pump Station Operations	1,307,885	1,388,702	203,310	1,592,012
Revenues & Recoveries	(11,500)	(11,500)	0	(11,500)
Distribution Network Operations				
Operating	645,982	648,412	58,500	706,912
Contribution from Reserve	0	0	0	0
Revenues & Recoveries	(18,400)	(18,400)	0	(18,400)
	<u>3,948,194</u>	<u>3,987,605</u>	<u>273,810</u>	<u>4,261,415</u>
Net Operating Revenue	1,345,542	1,309,152	(62,410)	1,246,742
Capital Expenditures				
Transfer to General Fund (Capital)	7,500		30,000	30,000
From General Utility Revenue	1,752,500		2,180,600	2,180,600
Surplus (Deficit)	(414,458)	1,309,152	(2,273,010)	(963,858)
Projected Accumulated Surplus	1,827,080			863,222
Capital - Other Funding Sources	7,151,430		6,560,000	6,560,000

WATER

Department ID Section Descriptions

MANAGEMENT & ADMINISTRATION

Staff are responsible for planning, designing, building, operating and maintaining the City's Water Utility, one of five water suppliers operating within Kelowna's boundaries. The utility serves 12,450 residential customers and 980 commercial, industrial and institutional customers within the city core, as well as within the central and south Mission areas. Also, 5% of the water delivery is used for agricultural customers. The raw water source is Okanagan Lake.

The Water Division's primary goals are to:

- ensure the potable water supply meets existing and future domestic, agricultural, industrial, commercial, and fire-protection requirements;
- ensure City-supplied water meets Canadian Drinking Water Quality Guidelines and provincial Safe Drinking Water Regulations;
- promote water-use efficiency through metering and ongoing public education via the WaterSmart Program
- incorporate the principles of risk management into all utility functions to minimize potential water quality events and water supply interruptions
- provide utility customers with value for service through efficient and effective use of resources and program management
- establish long-term infrastructure improvement programs.

WATER NETWORK / PUMP STATION OPERATIONS

The Water Network Operations section is responsible for water main flushing, water main maintenance & repair, hydrant operations and network construction and support.

The Pump Station Operations section deals with pump station equipment and reservoir inspections and servicing. They are also responsible for the cross connection control and water quality monitoring programs.

PERFORMANCE MEASURES

PROGRAM INPUT MEASURES	Actual 2003	Revised Adopted 2004	Financial Plan 2005
461 WATER REVENUES	(5,591,744)	(5,293,736)	(5,508,157)
468 SURPLUS / DEFICIT	538,853	(414,458)	(988,858)
469 APPROPRIATION TO RESERVE	20,000	20,000	20,000
4708 WATER NETWORK OPERATIONS	583,063	627,582	688,512
4713 MGMT. & ADMIN. SERVICES	666,038	775,717	778,930
4717 PUMP STATION OPERATIONS	1,230,119	1,296,385	1,580,512
701W DEBT & RECOVERIES	644,467	596,965	552,067
804 INTERNAL ALLOCATIONS	645,852	639,045	671,394
Total Net Operating Expenditures	(1,263,353)	(1,752,500)	(2,205,600)

WATER

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
PROGRAM OUTPUTS			
Millions of litres treated and distributed	15,889	15,259	
Meters / Water Main Flushed	340,281	340,700	341,000
Hydrants Maintained	1,760	1,800	1,850
Backflow Devices in Place	980	1,216	1,500
PROGRAM OUTCOMES			
Turbidity Coefficient (percentage of time less than 1)	99%	99%	
EFFICIENCY MEASURES			
Operating Cost per million litres	0.1625	0.1770	
Number of breaks per km of main	70/528	56/533	
Number of Boil Water Advisories Issues	0	0	
CUSTOMER SATISFACTION			
INNOVATION AND LEARNING			

WATER SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
REVENUE			
PARCEL TAX	(1,113,623)	(1,116,074)	(1,147,720)
FEES AND CHARGES	(4,789,037)	(4,465,150)	(4,619,571)
OTHER REVENUE	(215,672)	(157,180)	(124,150)
TRANSFERS FROM FUNDS	(3,500)	(427,208)	(980,858)
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus	(3,500)	(427,208)	(980,858)
TOTAL REVENUE	(6,121,831)	(6,165,612)	(6,872,299)
EXPENDITURES			
SALARIES & WAGES	1,151,433	1,375,373	1,510,532
INTERNAL EQUIPMENT	130,932	90,017	125,607
MATERIAL & OTHER	1,074,547	818,737	1,008,692
CONTRACT SERVICES	198,279	453,060	465,165
DEBT	711,814	666,713	593,461
INTERNAL ALLOCATIONS	657,705	670,092	682,152
TRANSFERS TO FUNDS	933,767	339,120	281,090
Special (Stat Reserve) Funds	31,527		
Development Cost Charge Funds			
Accumulated Surplus	902,241	339,120	281,090
TOTAL EXPENDITURES	4,858,478	4,413,112	4,666,699
NET OPERATING EXPENDITURES	(1,263,353)	(1,752,500)	(2,205,600)
CAPITAL EXPENDITURES			
FROM UTILITY REVENUE	1,263,353	1,752,500	2,205,600
OTHER FUNDING SOURCES	609,806	7,151,430	15,580,290
GROSS CAPITAL EXPENDITURES	1,873,159	8,903,930	17,785,890

NET OPERATING & CAPITAL EXP.	0	0	0
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AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	7.7	5.7	7.7	7.7
<i>Hourly</i>	13.2	13.1	14.1	15.2
<i>Contract</i>				

WATER

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time Supplementals	(\$19,760)	\$0	
2) Salary adjustments	\$24,422	\$24,422	
3) Revenue adjustment - reserve interest	\$29,999	\$29,999	
4) Internal allocations - utility billing, capital	\$12,872	\$12,872	
5) Transfers to funds - reserves	(\$33,030)	(\$33,030)	
6) Surplus/Deficit	(\$543,483)	(\$543,483)	
7) 2005 Supplementals	\$346,070	\$134,670	
8) 2005 Expenditure reductions	(\$54,662)	(\$53,550)	
<i>Total Changes for 2005</i>	<u>(\$237,572)</u>	<u>(\$428,100)</u>	<u>0.0</u>
<i>Unfunded 2005 Requests</i>			
<i>Total Unfunded for 2005</i>	<u>\$0</u>	<u>\$0</u>	<u>0.0</u>

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
UTILITIES - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>WATER</u>						
6XX-50-461-0-XXXX	REVENUE CHANGES	0	211,400		(211,400)	ONGOING
XXX-50-4708-0-080	WATER MAIN FLUSHING	9,680	0		9,680	ONGOING
XXX-50-4708-0-082	WATER SERVICE OPERATIONS	19,500	0		19,500	ONGOING
XXX-50-4708-0-083	FIRE HYDRANT PREVENTIVE MTCE	4,830	0		4,830	ONGOING
XXX-50-4708-0-132	HUMAN RESOURCE MANAGEMENT	5,180	0		5,180	ONGOING
XXX-50-4708-0-138	UTILITIES PLAN & SUPPORT TECH *	19,310	0		19,310	ONGOING
231-50-4713-0-130	NATIONAL BENCHMARKING INITIATIVE	12,000	0		12,000	ONGOING
26X-50-4717-0-588	UTILITY COST ADJUSTMENT*	72,260	0		72,260	ONGOING
XXX-50-4717-0-XXX	ULTRA VIOLET DISINFECTION COST	203,310	0		203,310	ONGOING
DEPARTMENT TOTALS		346,070	211,400		134,670	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
UTILITIES - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>WATER</u>						
XXX-50-701W-0-D6XX	DEBT ADJUSTMENT	44,900	0		44,900	ONGOING
XXX-50-XXX-0-XXX	GST REDUCTION ADJUSTMENT	9,762	1,112	SURPLUS	8,650	ONGOING
DEPARTMENT TOTALS		54,662	1,112		53,550	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL UTILITY FUND
 PROVISIONAL BUDGET



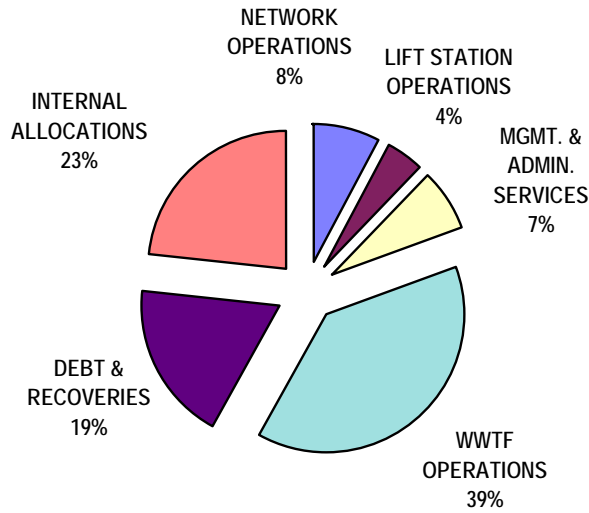
CHARTFIELD	DESCRIPTION	UTILITY REVENUE	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	DCC RESERVE	TOTAL
WATER								
1. 50-4700-A250	NEW METER INSTALLATIONS	0	0	0	0	150,000	0	150,000
2. 50-4700-A255	WATER MAIN VALVES	25,000	0	0	0	0	0	25,000
3. 50-4700-W1450	BARTHOLOMEW PRESSURE UPGRADE	50,000	0	0	0	0	0	50,000
4. 50-4700-W255X	CLIFTON MAIN UPGRADE/PRE-DESIGN	50,000	0	0	0	0	0	50,000
5. 50-4700-W3940	GOLFVIEW PRV	125,000	0	0	0	0	0	125,000
6. 50-4700-W6722	OKAVIEW PRV INTERCONNECTS	250,000	0	0	0	0	0	250,000
7. 50-4700-W7993	SKYLINE SUCTION MAIN DESIGN	0	0	0	0	0	35,000	35,000
8. 50-4700-W9305	BULK WATER FILLING STATIONS	125,000	0	0	0	0	0	125,000
9. 50-4700-W9315	WATER DISTRIBUTION MODEL	10,000	0	0	0	0	0	10,000
10. 50-4700-W9998	WATER CONTINGENCY	30,000	0	0	0	0	0	30,000
11. 50-4710-W1996	BURNE (PANDOSY - ETHEL)	353,000	0	0	0	0	0	353,000
12. 50-4710-W4010	GORDON (RAYMER - KLO)	263,000	0	0	0	0	0	263,000
13. 50-4710-W8467	SUTHERLAND (GORDON - ETHEL)	239,600	0	0	0	0	0	239,600
14. 50-4720-W9998	OFFSITE & OVERSIZE SERVICES	30,000	0	0	0	0	30,000	60,000
15. 50-4730-W9998	RIGHTS-OF-WAY ACQUISITIONS	10,000	0	0	0	0	0	10,000
16. 50-4735-W9999	CLEAN-UP OF PREVIOUS YEARS	10,000	0	0	0	0	0	10,000
17. 50-4740-W9998	MISC. OPERATING EQUIPMENT	25,000	0	0	0	0	0	25,000
18. 50-4780-W2332	CEDAR CR. PUMP STATION	455,000	0	3,600,000	0	250,000	495,000	4,800,000
19. 50-4780-W7017	POPLAR PT ELECTRICAL UPGRADES	0	0	2,000,000	0	0	0	2,000,000
20. 50-4780-W7991	SKYLINE VALVE CHAMBER	40,000	0	0	0	0	0	40,000
21. 50-4780-W7994	SKYLINE PRESSURE REDUCING VALVE	35,000	0	0	0	0	0	35,000
22. 50-4790-W3041	RESERVOIR ROOF REPAIRS	55,000	0	0	0	0	0	55,000
DEPARTMENT PRIORITY 1 TOTALS		2,180,600	0	5,600,000	0	400,000	560,000	8,740,600

WASTEWATER FUND

WASTEWATER

John Vos - Director of Works & Utilities
Bill Berry - Wastewater Manager

Division Summary



Department Overview

Utility Expenditures	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Net Operating	(1,995,475)	(1,761,500)	233,975	-11.7%
Capital	1,995,475	1,761,500	(233,975)	-11.7%
Total Utility Expenditure	0	0	0	0.0%
Authorized Positions	32.7	32.9	0.2	0.5%

WASTEWATER COLLECTION & TREATMENT

DEPARTMENT GOALS

Provide a safe, reliable and efficient sanitary sewer collection system and treatment facilities through sound analysis and planning. Determine the long-range requirements to serve our present and future populations, and to initiate and carry out the construction of adequate facilities.

This Division will continue to investigate the condition of existing collection mains, recommend repairs and/or maintenance, and perform the work in a cost effective and environmentally responsible manner.

CURRENT YEAR STRATEGIC OBJECTIVES

FACILITIES/EQUIPMENT/TECHNOLOGY

1. To proceed with the construction of two Sewer installation contracts for the new S.W. Rutland Local Service Area project.

RESEARCH & DEVELOPMENT

1. A Memorandum of Agreement has been reached with the industries contributing to the Brandt's Creek Tradewaste Treatment Plant, to initiate a replacement plan for the facility. Preliminary engineering work was carried out in 2003 and 2004, and an agreement has been developed allowing the City to proceed with detailed design work of the new facility in 2004 with the objective of constructing a new, more cost effective, treatment facility in 2005 and 2006.
2. The safe and reliable operation of the Wastewater Treatment Facility must be protected by investigating and controlling the sewage discharged at various Industrial/Commercial operations. A customer education, monitoring and control program has been initiated and will get underway in 2005.



Tobacco workers in the tobacco fields with the horse drawn drying racks. Ca. 1909.

WASTEWATER

Department ID Section Descriptions

ADMINISTRATION

Kelowna's sanitary sewer system collects, conveys, treats and disposes of domestic wastewater (derived from the home) and industrial wastewater (resulting from business use, manufacturing and processing). This system currently services close to 65% of Kelowna's population and is being expanded to reach presently-unserved areas and to accommodate growth.

WWTF OPERATIONS

Wastewater is conveyed to Kelowna's Wastewater Treatment Facility located on Raymer Avenue. The plant has been continually expanded over the past decade to meet the needs of a growing population. The system now includes 28 pumping stations, over 400 kilometers of sewage pipe and a 10-hectare treatment facility that can treat 40 million litres a day. The high-quality effluent, which meets Canadian Drinking Water Quality Guidelines, is discharged into Okanagan Lake.

PERFORMANCE MEASURES

<i>PROGRAM INPUT MEASURES</i>	Actual 2003	Revised Adopted 2004	Financial Plan 2005
481X SEWER REVENUES	(9,706,433)	(9,126,135)	(9,851,135)
488 SURPLUS / DEFICIT	1,334,754	(2,430,216)	1,074,855
489 APPROPRIATION TO RESERVE	100,000	100,000	100,000
4904 NETWORK OPERATIONS	374,249	542,484	548,554
4909 LIFT STATION OPERATIONS	279,277	266,897	312,979
XX13 MGMT. & ADMIN. SERVICES	365,380	493,177	501,976
5005 WWTF OPERATIONS	2,177,345	2,608,690	2,728,655
5015 TWTP OPERATIONS	(119,368)	(135,073)	(136,750)
701 DEBT & RECOVERIES	1,640,873	1,505,475	1,318,563
80X INTERNAL ALLOCATIONS	1,648,620	4,179,226	1,640,803
Total Net Operating Expenditures	(1,905,304)	(1,995,475)	(1,761,500)

<u>WASTEWATER</u>				
COMPARISON OF 2004 AND 2005 REVENUES AND EXPENDITURES				
	<u>2004</u>	<u>2005</u>	<u>2005</u>	<u>TOTAL</u>
	<u>BUDGET</u>	<u>BASE</u>	<u>CHANGES</u>	
<u>REVENUES</u>				
Sewer Services Sales				
Domestic - KPCC	4,580,000	4,580,000	800,000	5,380,000
Commercial	2,566,440	2,566,440	25,000	2,591,440
Frontage Tax	1,604,163	1,604,163	(100,000)	1,504,163
Sewer Discharge Fees	122,500	122,500		122,500
Connection & Service Charges	0	0		0
Other Revenues	<u>253,032</u>	<u>253,032</u>		<u>253,032</u>
	9,126,135	9,126,135	725,000	9,851,135
<u>NETWORK EXPENDITURES</u>				
Management & Administration				
Operating	241,121	243,909		243,909
Debt	1,505,475	1,268,103		1,268,103
Internal Allocations	601,376	628,136		628,136
Sanitary Network Operations	542,484	481,854	33,700	515,554
Lift Station Operations	<u>266,897</u>	<u>302,889</u>	<u>10,090</u>	<u>312,979</u>
	3,157,353	2,924,891	43,790	2,968,681
<u>TREATMENT OPERATIONS - W.W.T.F.</u>				
Administration				
- Operating	189,665	193,999		193,999
- Internal Allocations	928,168	909,985		909,985
Appropriation to Reserve	100,000	100,000		100,000
Process Operations	1,181,816	1,206,944	51,150	1,258,094
Equipment Maintenance	895,361	916,734		916,734
Biosolids Dewatering	531,513	518,404		518,404
Sewer Source Control	<u>0</u>	<u>68,423</u>		<u>68,423</u>
	3,826,523	3,914,489	51,150	3,965,639
<u>TREATMENT OPERATIONS - T.W.T.P.</u>				
Administration				
- Operating	62,391	64,068		64,068
- Internal Allocations	72,682	72,682		72,682
- Revenues	(781,183)	(788,924)		(788,924)
Process Operations	520,177	525,078		525,078
Equipment Maintenance	<u>125,933</u>	<u>127,096</u>		<u>127,096</u>
	0	0	0	0
Net Operating Revenue	<u>2,142,259</u>	<u>2,286,755</u>	<u>630,060</u>	<u>2,916,815</u>
Capital Expenditures				
Transfer to General Capital Fund	2,553,500		30,000	30,000
From General Utility Revenue	<u>1,995,475</u>		<u>1,721,500</u>	<u>1,721,500</u>
Surplus (Deficit)	(2,406,716)	2,286,755	(1,121,440)	1,165,315
Projected Accumulated Surplus	6,148,555			7,313,870
Capital - Other Funding Sources	25,455,955		11,895,500	11,895,500

WASTEWATER

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
UTILITY GROWTH STATISTICS			
Customer growth			
Single family homes	17,565	18,500	19,200
Multi-dwelling units	14,801	15,000	15,200
Industrial / Commercial / Institutional	1,109	1,140	1,170
Utility growth			
Kilometres of Sewer main	420	440	450
Volume of Sewage flows - Million L/Yr	10,659	11,461	12,848
Cost (\$/Million Litres) of Treatment	312	325	300
UTILITY MAINTENANCE STATISTICS			
Sewer main flushing			
Volume (m)	57,492	56,626	60,000
Cost	\$38,118	\$48,193	\$50,000
Sewer main blockages			
Number	3	11	10
Cost	\$897	\$2,229	\$2,000
Sewer service blockages			
Number	79	73	70
Cost	\$13,401	\$11,687	\$12,000
Sewer service location requests			
Number	2,237	2,363	2,500
Cost	\$16,403	\$19,182	\$20,500
EFFICIENCY MEASURES			
CUSTOMER SATISFACTION			
INNOVATION AND LEARNING			

WASTEWATER SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
REVENUE			
PARCEL TAX	(2,405,087)	(2,049,846)	(2,049,846)
FEES AND CHARGES	(8,273,196)	(8,083,123)	(8,815,864)
OTHER REVENUE	(2,039,577)	(599,140)	(880,637)
TRANSFERS FROM FUNDS	(917,881)	(2,915,894)	(783,513)
Special (Stat Reserve) Funds			
Development Cost Charge Funds	(470,100)	(465,678)	(763,513)
Accumulated Surplus	(447,781)	(2,450,216)	(20,000)
TOTAL REVENUE	(13,635,740)	(13,648,003)	(12,529,860)
EXPENDITURES			
SALARIES & WAGES	1,773,764	2,077,626	2,148,446
INTERNAL EQUIPMENT	137,708	155,804	153,824
MATERIAL & OTHER	1,892,972	2,141,644	2,272,784
CONTRACT SERVICES	79,119	202,284	202,284
DEBT	3,388,157	2,642,168	3,043,654
INTERNAL ALLOCATIONS	1,663,258	4,192,226	1,640,803
TRANSFERS TO FUNDS	2,795,459	240,776	1,306,565
Special (Stat Reserve) Funds	1,167,130		
Development Cost Charge Funds			
Accumulated Surplus	1,628,329	240,776	1,306,565
TOTAL EXPENDITURES	11,730,436	11,652,528	10,768,360
NET OPERATING EXPENDITURES	(1,905,304)	(1,995,475)	(1,761,500)
CAPITAL EXPENDITURES			
FROM UTILITY REVENUE	1,905,304	1,995,475	1,761,500
OTHER FUNDING SOURCES	14,280,730	25,455,955	20,323,470
GROSS CAPITAL EXPENDITURES	16,186,034	27,451,430	22,084,970

NET OPERATING & CAPITAL EXP.	0	0	0
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AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	9.3	6.6	9.4	9.4
<i>Hourly</i>	22.2	22.4	23.3	23.5
<i>Contract</i>				

WASTEWATER

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time supplementals	(\$26,470)	\$0	
2) Salary adjustments	\$38,207	\$38,207	
3) Internal Equipment adjustment	(\$3,000)	(\$3,000)	
4) Revenue adjustment - reserve interest	\$9,066	\$9,066	
5) Transfer to funds - 2004 General Fund Capital	(\$2,513,969)	(\$2,513,969)	
6) Surplus / Deficit	\$3,549,361	\$3,549,361	
7) 2005 Supplementals	\$161,130	(\$563,870)	0.1
8) 2005 Expenditure reductions	(\$243,643)	(\$241,820)	
Total Changes for 2005	\$970,682	\$273,975	0.1

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
UTILITIES - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
WASTEWATER						
6XX-40-481-0-XXXX	REVENUE CHANGES	0	725,000		(725,000)	ONGOING
XXX-40-4904-0-138	UTILITIES PLAN & SUPPORT TECH *	19,310	0		19,310	ONGOING
XXX-40-4904-0-196	SEWER SOURCE CONTROL	14,390	0		14,390	ONGOING
XXX-40-4909-0-090	UPLANDS LIFT STATION - ODOUR	10,090	0		10,090	ONGOING
XXX-40-5005-0-156	SOURCE CONTROL PROGRAM	9,900	0		9,900	ONGOING
268-40-5005-0-588	ELECTRICAL USAGE	41,250	0		41,250	ONGOING
26X-40-XXXX-0X588	UTILITY COST ADJUSTMENT *	66,190	0		66,190	ONGOING
DEPARTMENT TOTALS		161,130	725,000		(563,870)	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
UTILITIES - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
WASTEWATER						
XXX-40-701S-0-XXXX	DEBT ADJUSTMENT	237,370	0		237,370	ONGOING
XXX-10-391X-0-XXX	GST REDUCTION ADJUSTMENT	6,273	1,823	SURPLUS	4,450	ONGOING
DEPARTMENT TOTALS		243,643	1,823		241,820	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL UTILITY FUND
 PROVISIONAL BUDGET



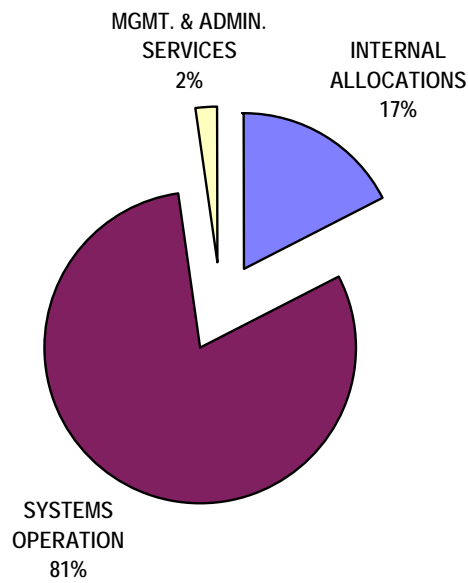
CHARTFIELD	DESCRIPTION	UTILITY REVENUE	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	DCC RESERVE	TOTAL
WASTEWATER								
1.	40-4900-S2170 CAMELIA ROAD	34,000	0	0	0	0	0	34,000
2.	40-4900-S4252 HIGH ROAD DETAILED DESIGN	15,000	0	0	0	0	0	15,000
3.	40-4900-S8000 SEWER MODELLING	15,000	0	0	0	0	0	15,000
4.	40-4910-S1996 BURNE (LIFT STATION - PANDOSY)	418,000	0	0	0	0	0	418,000
5.	40-4910-S5197 LANE W OF RICHTER	73,000	0	0	0	0	0	73,000
6.	40-4910-S5198 LANE E RICHTER (MILL CR - BURNE)	43,000	0	0	0	0	0	43,000
7.	40-4910-S5199 LANE E KELLER (LS ELL. - BURNE)	79,000	0	0	0	0	0	79,000
8.	40-4910-S7301 RICHTER (LANE S OF ELLIOTT - BURNE)	94,000	0	0	0	0	0	94,000
9.	40-4910-S8467 SUTHERLAND (GORDON - ETHEL)	375,000	0	0	0	0	0	375,000
10.	40-4920-S9998 OFFSITE & OVERSIZE	30,000	0	0	0	0	30,000	60,000
11.	40-4930-S9998 RIGHT-OF-WAY ACQUISITION	10,000	0	0	0	0	0	10,000
12.	40-4935-S9999 CLEAN-UP OF PREVIOUS YEARS	10,000	0	0	0	0	0	10,000
13.	40-4940-SA23 SOUTH-WEST RUTLAND LSA	0	0	11,300,000	0	0	0	11,300,000
14.	40-4945-S9998 SEWER CONTINGENCY	25,000	0	0	0	0	0	25,000
15.	40-4960-S9997-C MISC OPERATIONS EQUIPMENT	25,000	0	0	0	0	0	25,000
16.	40-5000-K519 WWTF - PRIMARY CLARIFIER COVERS	88,000	0	0	0	0	0	88,000
17.	40-5000-K536 WWTF - PIPING REPLACEMENT	130,000	0	0	0	0	0	130,000
18.	40-5000-K537 WWTF-BIOREACTOR AERATION UPG.	7,500	0	0	0	0	242,500	250,000
19.	40-5000-K538 WWTF - RAW SEWAGE PUMP	2,200	0	0	0	0	70,800	73,000
20.	40-5000-K539 WWTF - INFLUENT SCREEN	7,800	0	0	0	0	252,200	260,000
21.	40-5000-K540 WWTF - ELECTRICAL SWITCHGEAR	170,000	0	0	0	0	0	170,000
22.	40-5000-K541 WWTF - PH METERS & DATA LOGGERS	9,000	0	0	0	0	0	9,000
23.	50-5010-K542 WWTF - CENTRIFUGE SENSORS	36,000	0	0	0	0	0	36,000
24.	40-5010-K5520 WWTF - MISC EQUIPMENT	25,000	0	0	0	0	0	25,000
DEPARTMENT PRIORITY 1 TOTALS		1,721,500	0	11,300,000	0	0	595,500	13,617,000

ELECTRICAL FUND

ELECTRICAL

John Vos - Director of Works & Utilities
 Rod Carle - Electrical Manager

Division Summary



Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	(1,188,850)	(1,960,300)	(771,450)	64.9%
Capital	1,188,850	1,960,300	771,450	64.9%
Total Taxation Expenditure	0	0	0	0.0%
Authorized Positions	1.9	1.9	0.0	0.0%

ELECTRICAL / STREET LIGHTING

DEPARTMENT GOALS

The principal goal for the City of Kelowna Electrical Division is to strive for a well maintained electrical system that provides for an efficient electrical service to City of Kelowna customers, giving due regard to safety, health and the environment. FortisBC (the City's service provider) is committed to accomplishing this goal through effective contract administration, consistent system analysis and by ensuring the electrical system is constructed, maintained and operated in a safe, efficient and cost effective manner. FortisBC will endeavor to apply industry standard Operating and Planning Practices as outlined in the operating contract between FortisBC and the City of Kelowna. These practices enhance public and worker safety, system performance for both the near and long term, and demonstrate environmental responsibility, customer service, outage management and economy. Monitoring and reporting of key performance indicators such as CEA outage statistics, capital construction execution, cost management, safety and customer satisfaction help to accomplish our shared goal.

FortisBC with the City's support is actively enhancing the reporting of these accountabilities and is fully engaged in the evaluation and planning of the system performance and needs analysis.

CURRENT YEAR STRATEGIC OBJECTIVES

FACILITIES, EQUIPMENT AND TECHNOLOGY

1. Maintain and operate the City of Kelowna electric system in a safe and efficient manner.
2. Correct the breaker mis-coordination and high fault currents over the course of 2005.
3. Complete Construction work on Spall 2, 3 and 4 feeders (Design was completed in 2004).
4. Continue testing and analysis of underground cable condition, correcting where urgently required.

CUSTOMER SATISFACTION AND COMMUNICATION

1. Respond to and resolve customer issues and requests.
2. Continue to improve customer/client relationships for the City's utilities customers.

PARTNERSHIPS

1. Enhance communication between FortisBC and Terasen Utility Services to ensure that records are being maintained in a timely manner. Specifically working on a process to audit and reconcile new and changed meter information such that mistakes are found in a timely manner.

RESEARCH & DEVELOPMENT

1. Development of an integrated system plan which will consider the City's "Official Community Plan" (OCP) as well as weighing potential growth in the City owned utility.
2. Further develop processes and systems to improve efficiency of the electrical system and the corresponding delivery of work.
3. Detailed planning, design and estimating for Recreation feeders 2 and 4.

ELECTRICAL

Department ID Section Descriptions

ADMINISTRATION

The Electrical Division oversees the delivery of reliable and safe electricity within the City's electrical utility boundary, which roughly extends from Okanagan Lake north to Poplar Point Drive and Glenmeadows Road, east to Golfview Road and south along Highway 97 to Gordon Drive and KLO Road.

SYSTEMS OPERATION

Fortis BC supplies power to the electric utility and has done so since 1922 previously as West Kootenay Power. As the result of a new contract arrangement, Fortis now also provides all network operations for the distribution system including maintenance, capital project planning, management and construction, electric meter and streetlight service.

PERFORMANCE MEASURES

PROGRAM INPUT MEASURES		Actual 2003	Revised Adopted 2004	Financial Plan 2005
542/X	ELECTRICAL REVENUE	(19,379,250)	(18,551,640)	(19,375,640)
548	SURPLUS / DEFICIT	104,988	1,057,534	324,348
549	APPROPRIATIONS TO RESERVE	0	0	0
810	INTERNAL ALLOCATIONS	4,501,933	2,941,226	2,980,599
5311	SYSTEMS OPERATION	12,495,895	12,998,511	13,736,368
5313	MGMT. & ADMIN. SERVICES	327,792	365,519	374,025
Total Net Operating Expenditures		(1,948,642)	(1,188,850)	(1,960,300)

ELECTRICAL DEPARTMENT

COMPARISON OF 2004 AND 2005 REVENUES AND EXPENDITURES

	<u>2004</u> <u>BUDGET</u>	<u>2005</u> <u>BASE</u>	<u>2005</u> <u>CHANGES</u>	<u>TOTAL</u>
<u>REVENUES</u>				
Energy Sales				
Residential	8,292,960	8,292,960	650,000	8,942,960
Commercial	8,308,200	8,308,200		8,308,200
School & Hospital	150,000	150,000	25,000	175,000
Municipal	1,251,010	1,251,010	149,000	1,400,010
St. Light Lease / DOH Bridges	20,330	20,330		20,330
Connection & Service Charges				0
Connections	39,000	39,000		39,000
Service Charges	50,000	50,000		50,000
Other Revenues				0
Pole Rental	19,140	19,140		19,140
Salvage Sales	1,000	1,000		1,000
Commission Tax Collection	1,200	1,200		1,200
Interest Earned	418,800	418,800		418,800
	<u>18,551,640</u>	<u>18,551,640</u>	<u>824,000</u>	<u>19,375,640</u>
<u>EXPENDITURES</u>				
System Installations & Operations				
Contributions from Reserve	421,011	422,628	11,240	433,868
Wholesale Energy Purchase	12,577,500	12,577,500	725,000	13,302,500
Management & Administration				
Operating	365,519	369,365	4,660	374,025
Internal Allocations	762,226	745,599		745,599
Reserve Future Expenditures				
Operating Revenues	<u>14,126,256</u>	<u>14,115,092</u>	<u>740,900</u>	<u>14,855,992</u>
Net Operating Revenue	<u>4,425,384</u>	<u>4,436,548</u>	<u>83,100</u>	<u>4,519,648</u>
Transfer to General Revenue	2,100,000	2,100,000		2,100,000
Capital Expenditures				
From General Utility Revenue	1,188,850		1,960,300	1,960,300
Net Revenue	<u>1,136,534</u>	<u>2,336,548</u>	<u>(1,877,200)</u>	<u>459,348</u>
Transfer from General Revenue				0
Transfer to General Revenue				0
Transfer to General Fund (Capital)	79,000		135,000	135,000
Surplus (Deficit)	<u>1,057,534</u>	<u>2,336,548</u>	<u>(2,012,200)</u>	<u>324,348</u>
Projected Accumulated Surplus	9,935,973			10,260,321
Capital - Other Funding Sources	1,119,030		39,000	39,000
Gross Profit Margin	32.2%	32.2%		31.3%
Net Operating Margin	23.9%	23.9%		23.3%

ELECTRICAL

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005	
PROGRAM OUTPUTS				
# of Kilowatt Hours sold	288,554,346	294,325,432	300,211,940	
# of Kilowatt Hours purchased	294,168,000	300,051,360	306,052,387	
Average cost per Kilowatt Hour	\$0.0439	\$0.046	\$0.048	
# of Customers served	12,713	12,900	13,000	
PROGRAM OUTCOMES				
% of budget schedule met by calendar dates	50%	75%	100%	
# of U/G Service Locates	660	100	200	
# Non Payment Disconnects	1,160	950	1,000	
# of General customer service requests	4,497	4,700	4,900	
EFFICIENCY MEASURES				
% Efficiency of Distribution system	98.09%	95%	95%	
% Operating Expenditures to Revenue	76.05%	76%	75%	
System Average Interruption Index ("SAIDI") (Time (hours) the average customers power is off per year)	1.6636	0.7115	0.7	* CEA(2003) 4.4900
System Average Frequency Index ("SAIFI") (Average number of interruptions per customer interrupted during the year)	0.565	0.343	0.3	1.8000
Customer Average Interruption Duration Index ("CAIDI") (Average duration (hours) of interruptions for customers interrupted during the year)	2.941	2.068	2.0	2.4900
Index of Reliability ("IOR") (% of annual hours that service is available")	0.999810	0.999878	0.999	0.99948
* Canadian Electrical Association Composite (CEA) (All utilities/Distribution only/Urban - Rural combined)				
CUSTOMER SATISFACTION				
# of Power Quality Issues	16	8	4	
INNOVATION AND LEARNING				

ELECTRICAL SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<u>REVENUE</u>			
FEES AND CHARGES	(19,009,538)	(18,111,500)	(18,935,500)
OTHER REVENUE	(412,314)	(513,140)	(525,140)
TRANSFERS FROM FUNDS			(402,595)
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus			(402,595)
TOTAL REVENUE	(19,421,852)	(18,624,640)	(19,863,235)
<u>EXPENDITURES</u>			
SALARIES & WAGES	127,237	129,766	152,612
INTERNAL EQUIPMENT	144		
MATERIAL & OTHER	12,127,324	12,665,843	13,415,820
CONTRACT SERVICES	568,982	604,421	1,000,556
DEBT			
INTERNAL ALLOCATIONS	4,506,875	2,941,226	2,980,599
Interdepartment Transfer	2,930,911		
Interfund Transfer	1,575,964	2,941,226	2,980,599
TRANSFERS TO FUNDS	142,648	1,094,534	353,348
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus	142,648	1,094,534	353,348
TOTAL EXPENDITURES	17,473,210	17,435,790	17,902,935
NET OPERATING EXPENDITURES	(1,948,642)	(1,188,850)	(1,960,300)
<u>CAPITAL EXPENDITURES</u>			
FROM UTILITY REVENUE	1,948,642	1,188,850	1,960,300
OTHER FUNDING SOURCES	1,233,561	1,119,030	891,880
GROSS CAPITAL EXPENDITURES	3,182,203	2,307,880	2,852,180
NET OPERATING & CAPITAL EXP.	0	0	0

AUTHORIZED F.T.E. POSITIONS

	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<i>Salaried</i>	1.9	1.9	1.9	1.9
<i>Hourly</i>		0.3		
<i>Contract</i>				

ELECTRICAL

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) 2004 One-time supplementals	\$35,000	\$0	
2) Annualized 2004 Budget costs	\$390	\$0	
3) Salary adjustments	\$789	\$0	
4) Revenue - Reserve interest adjustment	\$8,000	\$8,000	
5) Internal allocations - Utility billing / Capital	\$39,373	\$39,373	
6) Surplus/Deficit - Increased capital	(\$818,823)	(\$818,823)	
7) 2005 Supplementals	\$742,127	\$0	
8) 2005 Expenditure reduction	(\$4,673)	\$0	
<i>Total Changes for 2005</i>	\$2,183	(\$771,450)	0.0
<i>Unfunded 2005 Requests</i>			
<i>Total Unfunded for 2005</i>	\$0	\$0	0.0

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
UTILITIES - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>ELECTRICAL</u>						
268-30-5311-0-110	UTILITY COST ADJUSTMENT*	1,227	0		1,227	ONGOING
252-30-531X-0-XXX	ELECTRICAL SERVICES CONTRACT	15,900	0		15,900	ONGOING
XXX-30-XXX-0-XXXX	REVENUE AND EXPENSE CHANGES	725,000	824,000		(99,000)	ONGOING
DEPARTMENT TOTALS		742,127	824,000		(81,873)	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
UTILITIES - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>ELECTRICAL</u>						
4312-30-810-0-T4312	GST REDUCTION ADJUSTMENT	4,673	4,673		0	ONGOING
DEPARTMENT TOTALS		4,673	4,673		0	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL UTILITY FUND
 PROVISIONAL BUDGET



CHARTFIELD	DESCRIPTION	UTILITY REVENUE	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	DCC RESERVE	TOTAL
<u>ELECTRICAL</u>								
1. 30-5300-E0410	MISC SUBSTATION REPAIRS	10,000	0	0	0	0	0	10,000
2. 30-5300-E0810	SUBSTATION CONDITION WORK	100,000	0	0	0	0	0	100,000
3. 30-5300-E0820	LINE CONDITION ASSESSMENT WORK	1,156,800	0	0	0	0	0	1,156,800
4. 30-5300-E0830	LINE CONDITION DESIGN WORK	76,000	0	0	0	0	0	76,000
5. 30-5300-E0840	CUSTOMER DRIVEN LINE EXT.	190,000	0	0	0	0	0	190,000
6. 30-5300-E0850	ELECTRICAL UNDERGROUNDING	150,000	0	0	0	0	0	150,000
7. 30-5300-E0860	NEW SERVICE EXTENSIONS	23,500	0	0	0	39,000	0	62,500
8. 30-5300-E2500	MISC FEEDER REPAIRS	64,000	0	0	0	0	0	64,000
9. 30-5350-E0510	NEW HYDRO METERS	30,000	0	0	0	0	0	30,000
10. 30-5350-E0520	NEW TRANSFORMERS	160,000	0	0	0	0	0	160,000
DEPARTMENT PRIORITY 1 TOTALS		1,960,300	0	0	0	39,000	0	1,999,300

GENERAL FUND

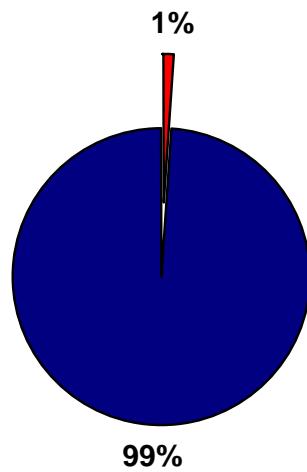
STREET LIGHTS

John Vos - Director of Works & Utilities
Rod Carle - Electrical Manager

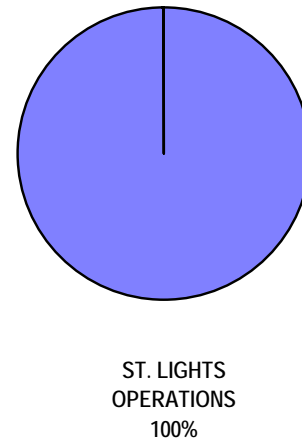
Percent of General Fund Operating

Division Summary

Street Lights = \$0.7 Million



General Fund Operating = \$62.4 Million



Department Overview

	Revised Adopted 2004	Financial Plan 2005	Change from Prior Year	Percent Change
Taxation Expenditures				
Net Operating	751,554	767,658	16,104	2.1%
Capital	79,000	85,000	6,000	7.6%
Total Taxation Expenditure	830,554	852,658	22,104	2.7%
Authorized Positions	0.0	0.0	0.0	0.0%

STREET LIGHTS

Department ID Section Descriptions

STREET LIGHT OPERATIONS

This division is responsible for the maintenance, repair and electricity costs for over 9,500 street lights throughout the city.

PERFORMANCE MEASURES

<i>PROGRAM INPUT MEASURES</i>	Actual 2003	Revised Adopted 2004	Financial Plan 2005
5111 ST. LIGHTS OPERATIONS	602,512	751,554	767,658
<i>Total Net Operating Expenditures</i>	602,512	751,554	767,658

STREET LIGHTS

PERFORMANCE MEASURES

	Actual 2003	Estimated 2004	Proposed 2005
PROGRAM OUTPUTS			
# of Street lights in City of Kelowna Service Area	2,798	2,798	2,798
# of Street lights in FortisBC Service Area	6,742	6,780	6,820
# of Kilowatt Hours for Street Lighting	5,350,170	5,092,480	5,200,000
PROGRAM OUTCOMES			
% of budget schedule met by calendar dates	95%	98%	100%
# of Street Light Service Request	600	550	500
EFFICIENCY MEASURES			
% Energy Reduced Due to HPS Bulbs (COK Area)	11.2%	12.5%	0%
% Energy saved using HPS vs MVP	60%	60%	60%
Lumens Per Watt	HPS (70w) 61	MVP (175w) 38	
CUSTOMER SATISFACTION			
% of customers satisfied with maintenance (as per COK citizens survey)	96%	94%	95%
INNOVATION AND LEARNING			

*Note:

HPS (High Pressure Sodium), MVP (Mercury Vapour)

Lumens per watt (lm/w) = efficacy of light source

STREET LIGHTS SUMMARY

REVENUES / EXPENDITURES BY CATEGORY

	ACTUAL 2003	REVISED ADOPTED 2004	FINANCIAL PLAN 2005
<u>REVENUE</u>			
FEES AND CHARGES			
OTHER REVENUE		(1,500)	(1,500)
TRANSFERS FROM FUNDS			
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus			
TOTAL REVENUE		(1,500)	(1,500)
<u>EXPENDITURES</u>			
SALARIES & WAGES	21,447		
INTERNAL EQUIPMENT	2,150		
MATERIAL & OTHER	480,791	638,104	654,208
CONTRACT SERVICES	98,124	114,950	114,950
DEBT			
INTERNAL ALLOCATIONS			
TRANSFERS TO FUNDS			
Special (Stat Reserve) Funds			
Development Cost Charge Funds			
Accumulated Surplus			
TOTAL EXPENDITURES	602,512	753,054	769,158
NET OPERATING EXPENDITURES	602,512	751,554	767,658
<u>CAPITAL EXPENDITURES</u>			
FROM TAX DEMAND	104,380	79,000	85,000
OTHER FUNDING SOURCES	194,614	194,820	281,450
GROSS CAPITAL EXPENDITURES	298,994	273,820	366,450
NET OPERATING & CAPITAL EXP.	901,506	1,025,374	1,134,108
 AUTHORIZED F.T.E. POSITIONS			
	BUDGETED FTE'S 2003	ACTUAL 2003	REVISED ADOPTED 2004
<i>Salaried</i>			
<i>Hourly</i>		0.4	
<i>Contract</i>			

STREET LIGHTS

Description of Program Changes	2005 Gross Cost Change	2005 Net Impact	2005 FTE
1) Miscellaneous adjustments	\$4	\$4	
2) 2005 Supplementals	\$19,570	\$19,570	
3) 2005 Expenditure reduction	(\$3,470)	(\$3,470)	
Total Changes for 2005	\$16,104	\$16,104	0.0

**2005 SUPPLEMENTAL REQUEST SUMMARY
FINANCIAL PLAN
GENERAL FUND PRIORITY 1 - BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>STREET LIGHT OPERATIONS</u>						
269-10-5111-0-118	STREET LIGHT OPERATIONS	19,570	0		19,570	ONGOING
DEPARTMENT TOTALS		<u>19,570</u>	<u>0</u>		<u>19,570</u>	

**2005 EXPENDITURE REDUCTION SUMMARY
FINANCIAL PLAN
BY DEPARTMENT**

<u>ACCOUNT NUMBER</u>	<u>DESCRIPTION</u>	<u>GROSS AMOUNT</u>	<u>REVENUE</u>	<u>FUNDING SOURCE</u>	<u>NET AMOUNT</u>	<u>ONE-TIME ONGOING</u>
<u>STREET LIGHTS</u>						
268-10-5111-0-118	STREET LIGHT OPERATIONS	3,470	0		3,470	ONGOING
DEPARTMENT TOTALS		<u>3,470</u>	<u>0</u>		<u>3,470</u>	

CITY OF KELOWNA
 2005 CAPITAL BUDGET SUMMARY
 GENERAL FUND
 PROVISIONAL BUDGET



CHARTFIELD	DESCRIPTION	TAXATION	SURPLUS/ RESERVES	DEBENTURE OTHR BORRW	FED / PROV FUNDING	DEV/COMM OTHR CONTRB	UTILITY REVENUE	TOTAL
<u>STREET LIGHTS</u>								
1. 10-5200-G3281	ENTERPRISE (COOPER- LECKIE)	25,000	0	0	0	0	25,000	50,000
2. 10-5200-G4011	GORDON (BOTHE - RAYMER)	45,000	0	0	0	0	45,000	90,000
3. 10-5200-G9998	NEW INSTALLATIONS	15,000	0	0	0	0	15,000	30,000
DEPARTMENT PRIORITY 1 TOTALS		85,000	0	0	0	0	85,000	170,000