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City of Kelowna

**MEMORANDUM**

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DATE: July 6, 2005

FILE: 6430-01

TO: City Manager

FROM: Director of Works and Utilities  
Director of Financial Services  
Director of Parks and Leisure Services

**RE: 20-Year Servicing Plan and Financing Strategy Update**

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**RECOMMENDATION:**

THAT Council receive the draft 20-Year Servicing Plan and Financing Strategy update for information;

AND THAT Council authorize staff to seek stakeholder input into the draft plan and report back following that feedback.

**BACKGROUND:**

The 20-Year Servicing Plan and Financing Strategy was presented to Council in May, 2003 and became effective in February, 2004.

The recommended 2005 update to the 2020 Servicing Plan reflects changes in land and construction costs, updated completed projects, some scope and funding source changes and more detailed engineering on a number of projects. The proposed infrastructure works are largely the same except for the following key changes:

(a) TRANSPORTATION – The updated plan largely includes the same roads as the current plan, the exception being elimination of Richter 1 (KLO-Sutherland). Key changes are inclusion of the Roads Task Force recommendations, reallocation of provincial funding to taxation for the Central Okanagan Bypass, an increase to 4 lanes for Gordon 5 (Mission Creek to Casorso) and 5B (Bridge), updated construction/land acquisition costs and refined land restoration costs.

(b) WATER – The current 2020 Plan calls for \$29.1 Million in expenditures on pipes and pumping systems to support growth while the 2020 update identifies \$36.4 Million of expenditures. This reflects increases in material supply costs, installation costs and road restoration costs as well as the additional costs of Ultraviolet equipment at the Cedar Creek pump station.

(c) WASTEWATER – The updated plan reflects an increase in Trunk costs of 12% and Treatment costs of 14%. This is based on increases in general construction costs, granular material costs, costs of hauling gravel to the South end and costs of PVC pipe.

(d) PARKS – The updated plan retains the current standard of 2.2 hectares of park per 1,000 population. The cost of the updated 2020 program is \$87.3 Million, an increase of 35.5 %. Updated costs are based on the 2005 Assessment Review of land acquisition costs and specific site detail costs.

The total costs of providing this infrastructure in the 2020 Plan update is \$630.1 Million as compared to \$490.1 Million for the current 2020 program. This increase is a result of the changes outlined above. Additional information on the programs is provided in the attached schedules which will be available to stakeholders and the public and in a PowerPoint presentation to be made at the July 11<sup>th</sup> regular Council meeting.

Staff intends to hold an open house on July 20<sup>th</sup> from 3:00 p.m. to 8:00 p.m. at City Hall Council Chambers with presentations to stakeholders and the general public at 5 p.m. and 7 p.m. At this session staff will be available to answer questions on the various plans and the financing strategy. Surveys will be provided to attendees to seek feedback. As well, staff will work with key stakeholders such as the Urban Development Institute and interested neighbourhood organizations to provide additional information and clarification. Once their feedback is received staff will report with a finalized servicing plan and financing strategy. Timing for response to Council will be dependent on the information required by stakeholders.

A report will be coming forward regarding the proposed extension of the Wastewater DCC boundary to the northern area of the City.

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John Vos

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Paul Macklem

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David Graham

Attachments



CITY OF KELOWNA  
2020 OFF-SITE ROAD SERVICING PLAN & FINANCING STRATEGY UPDATE  
COST SHARING MODEL

EXHIBIT "A" - ARTERIAL ROADS

**DRAFT**

			(2000 Dollars X 1000)															
			NON DCC REVENUE SOURCES						DCC SECTOR ALLOCATIONS									
Target			TOTAL			MOTH	Existing	LUC	By	NET FOR	A	B	C	D	F	E	I	
Quarter	Secto	NAME	LOCATION	Description	By	Highways	Max Lmt	Benefit	"I"	TAX'N	DCC BASED	S.E.	South	NE of	North of	South of	North of	
					Devlp'r	Assist	150/yr	COSTS	Inner		CALC's	Kelowna	Mission	Inner City	Hwy 33	Hwy 33	Inner City	
			Growth Units:						395		22,458	553	3,701	781	1,000	801	2,161	22,458
Q3	A	Gulley 2	Spiers to Hart							63.5	967.7	967.7						
Q2	A	Hollywd 2	East Kelowna Road - Springfield	RAU2L						55.4	1,980.4	1,980.4						
Q2	A	Hollywd 2b	Mission Creek - Crossing	RAU2L							3,319.3	3,319.3						
Q2	A	McCulloch	Various								1,500.0	1,500.0						
										118.9	7,767.3	7,767.3						
Q2	B	Barnaby 1	Lakeshore to Gordon	RUAU2L						89.2	3,703.2		3,703.2					
CPLT	B	Chute Lake 1	Frost Rd to South Perimeter Rd	RUAU2L							901.5		901.5					
Q2	B	Chute Lake 2	Barnaby Rd to Frost Rd	RUAU2L						15.6	1,513.9		1,513.9					
Q2	B	Frost 1	Chute Lake Road - Kildeer Road	UCU2L						49.9	1,151.3		1,151.3					
Q2	B	Frost 1b	Frost - Frost	UCU2L							95.8		95.8					
CPLT	B	Frost 2	Kildeer to ending of Existing Frost	UCU2L							641.8		641.8					
Q2	B	Frost 3	End of Existing Frost to Gordon Dr	UCU2L						21.8	899.3		899.3					
Q2-4	B	Gordon 1	Perimeter to Barnaby/Gordon Inter	UAU2L						152.9	5,587.8		5,587.8					
CPLT	B	Killdeer	Chute Lake Road - Frost Road	UCU2L							515.8		515.8					
Q1	B	Lakshr 1A	Vintage Terrace Rd to Barnaby Rd	UAU2L						9.6	612.7		612.7					
Q4	B	Lakshr 1B (4L)	Vintage Terrace Rd to Barnaby Rd	UAD4L						95.2	2,238.0		2,238.0					
Q1	B	S. Perimeter 1	Gordon Dr to Stewart 1	UAU2L		109.1				182.9	7,965.9		7,965.9					
Q1	B	S. Per. 2 (pc)	Lebanon Creek to Chute 1	UAU2L						103.5	4,203.1		4,203.1					
Q1	B	Stewart Rd 1 & 2	Perimeter Rd to Crawford	RUAU2L		8.2				5.9	45.9		45.9					
											30,919.8	117.4						
											726.4	30,076.0	30,076.0					
Q4	B	Casorso 1	Bervoulin Road - Swamp	RAD4L						205.2	1,371.0		767.8					603.2
Q2	B	Dehart 1	Lakeshore Road - Gordon Drive	RCU2L							144.6		144.6					
Q3	B	Dehart 2	Lakeshore Road - Gordon Drive	UAU4L						158.8	984.6		984.6					
Q2	B	Dehart 3	Gordon Rd to Swamp	RAUAU2L						287.3	2,447.2		2,447.2					
Q2	B	Gordon 2b	Crossing - Bellevue Creek								580.7		580.7					
Q2	B	Gordon 2	Barnaby/Gordon Intersect to Deha	UAU2L		318.0				85.3	5,549.5		5,549.5					
Q2	B	Gordon 3	Dehart Rd to Old Meadows Rd	UAU2L						79.6	1,806.4		1,806.4					
Q3	B	Lakshr 1C (4L)	Dehart Rd to Vintage Terrace	UAD4L		40.0				407.0	3,090.1		3,090.1					
Q3	B	Lakshr 1C (Bridge)	Crossing - Bellevue Creek	UAD4L							658.8		658.8					
Q4	B	Lakshr 2 (4L)	Old Meadows to DeHart	UAD4L		20.0				564.5	2,839.7		2,839.7					
Q4	B	OldMws (4L)	Gordon Drive - Lakeshore Road	UCU4L						115.8	1,127.4		1,127.4					
Q3	B	Stewart Rd 3	Crawford Rd to Swamp	RAU2L						263.8	7,689.2		7,689.2					
Q2	B	Swamp 1	DeHart Rd to Casorso	RAU2L					2,863.8	3,013.4	1,568.6		1,254.9					313.7
									2,863.8	5,180.7	29,857.9	28,940.9						917.0
Q2	C	McCurdy 4	Craig Road - Tower Ranch	RCU2L						174.7	3,210.0			3,210.0				
Q2	D	Gallagher 3	Highway 33 - Treetop Road	UCU2L		5,859.3					570.1				570.1			
Q2	D	Lone Pine	Highway 33 - 500m east	UCU2L						38.7	2,976.2				2,976.2			
											9,444.4	5,859.3						
Q1-2	F	Gallagher 1	Existing south end - Highway 33	UCU2L			8,170.0	7,560.0		20.6	589.4					589.4		
Q1	F	Gallagher 1b	Creek - Crossing - Crossing	UCU2L		21.8		21.8										
							8,191.8	7,581.8		20.6	589.4					589.4		
Q2	D,F	Hwy 33 2	Mckenzie - Springfield	RUAU4L			3,125.0	1,562.5		230.5	1,332.0				568.3	455.7		308.0
Q2	D,F	Hwy 33 3	Springfield Road - Garner Road	RUAU4L			6,997.3	3,498.6		525.7	2,972.9				1,269.1	1,017.6		686.2
Q2	D,F	Hwy 33 4	Garner Road - Gallagher Road	UAD4L			4,887.7	2,443.9		416.5	2,027.4				872.1	699.3		456.1
							15,010.0	7,505.0		1,172.7	6,332.3				2,709.5	2,172.5		1,450.3

						NON DCC REVENUE SOURCES								DCC SECTOR ALLOCATIONS							
Target						TOTAL	MOTH		Existing	LUC	By	NET FOR		A	B	C	D	F	E	I	
Quarter	Secto	NAME	LOCATION	Description		CAPITAL	By	Highways	Max Lmt 4	Benefit	"I"	TAX'N	DCC BASED	S.E.	South	NE of	North of	South of	North of	COMMON	
						COSTS	Devlp'r	Assist	150/yr	COSTS	Inner		CALC's	Kelowna	Mission	Inner City	Hwy 33	Hwy 33	Inner City		
Q2	E	Airport	Hollywood Road - Highway 97	UAD4L		1,062.9				1,062.9											
Q4	E	Beaver Lake Rd	City Limits - East Connector	UAU2L		2,251.5				423.3	593.6	1,828.4	(0.1)						(0.1)		
Q4	E	Hollywd 7	Sexsmith Road - Appaloosa	UAU2L		2,587.7				1,120.5		93.5	1,373.7						1,030.3	343.4	
Q1-4	E	Hollywd 8	Lougheed - Lochrem	UAU2L		12,746.6				7,787.0		731.8	4,227.8						3,170.8	1,056.9	
Q3	E	McKinley 1	Glenmore Road - Highway 97	RAU2L		9,821.6					5,992.1	6,226.4	3,595.3						3,595.3		
Q3	E	University 1	Hollywood Road - Highway 97	UAD4L		1,118.2						50.6	1,067.6						806.1	261.5	
Q3	E	University 2	Hollywood Road - Bulman Road	UAD4L		8,183.3		4,091.7				144.1	3,947.6						2,960.7	986.9	
Q3	E	University 2b	Mill Creek - Crossing	UAD4L		315.2							315.2						236.4	78.8	
Q3	E	University 3	Highway 97 - University Way			1,166.5							1,166.5						874.9	291.6	
						39,253.6	10,393.7	4,091.7		6,585.7		9,074.7	15,693.5						12,674.3	3,019.2	
Q2	I	Begbie Road	Glenmore Highlands - Glenmore R	RCU2L		2,120.5					(0.0)	(0.0)	(0.0)							(0.0)	
Q3	I	Benvoulin 1	Casorso Road - KLO Road	RAD4L		5,021.6					71.1	981.9	4,039.7							4,039.7	
Q1	I	Benvoulin 2	Cooper Road - Springfield Avenue	R/UAD4L		3,715.8					58.2	406.7	3,309.0							3,309.0	
Q3	I	Bernard 2	Richmond Street - Burtch Road	UAU4L		1,255.9					18.9	183.0	1,072.9							1,072.9	
Q3	I	Burtch 1	Benvoulin Road - KLO Road	RAU2L		955.6					15.4	80.8	874.8							874.8	
Q3	I	Burtch 2	KLO Road - Byrns Road	R/UAD2L		3,803.4	454.4				49.1	556.5	2,792.5							2,792.5	
Q4	I	Burtch 4	Sutherland Road - Highway 97	UAD4L		1,000.4					16.3	73.0	927.4							927.4	
Q1	I	Burtch 5	Highway 97 - Kelglen	UAU2L		237.2	32.2				0.4	182.5	22.5							22.5	
Q1	I	Clement 1	Ellis - Gordon	JAD4L_Res		6,016.7	1,379.9				63.9	1,006.4	3,630.4							3,630.4	
Q2	I	Clifton 1	MacLeay - Clifton (existing)	UAU3L		2,413.5	577.8				27.4	278.2	1,557.5							1,557.5	
Q1	I	COB A	Gordon - Cerise	JAD4L_Res		11,315.5				5,657.8	88.5	6,281.6	5,034.0							5,034.0	
Q1	I	COB 1	Cerise - Spall	UAD4L		7,779.9				3,890.0	44.9	5,224.6	2,555.4							2,555.4	
Q2	I	COB 2	Spall Road - Highway 33	UAD4L		31,553.4				15,776.7	251.6	17,245.8	14,307.6							14,307.6	
Q2	I	COB 3	Highway 33 - McCurdy Road	RAU2L		6,011.4	2,773.8			3,005.7	0.6	3,201.4	36.3							36.3	
CPLT	I	Enterprise 1	Banks Road - Leathead Road	UAD2L		4,184.8	850.0	1,844.6					1,490.2							1,490.2	
Q1	I	Ethel 2	Springfield - Lawson	UCU4L		5,151.6	419.1				71.2	683.1	4,049.3							4,049.3	
CPLT	I	Glenmore 1	High Road - Dallas	UAD4L		5,292.3	414.9						4,877.4							4,877.4	
Q3	I	Glenmore 2	Dallas Road - Union Road	RAU4L		4,440.1	2,724.7				25.6	261.4	1,454.0							1,454.0	
Q3	I	Glenmore 3	Union Road - Scenic Road	RAU2L		2,239.0					36.1	187.6	2,051.3							2,051.3	
Q1	I	Gordon 4	Old Meadows Rd - Mission Creek	R/UAD4L		2,301.7	1,604.6				(0.0)	697.1	(0.0)							(0.0)	
Q2	I	Gordon 5	Mission Creek - Casorso	R/UAD4L		2,860.4	92.9				38.3	591.2	2,176.3							2,176.3	
Q2	I	Gordon 6	Casorso Road - Lanfranco Road	R/UAD4L		2,020.3	341.5				18.4	631.1	1,047.7							1,047.7	
Q2	I	Gordon 5B	Mission Creek Crossing	4 Lane		2,300.0					39.8	39.8	2,260.2							2,260.2	
Q2	I	Guisachan 2	Gordon Drive - Burtch Road	UAU2L		1,664.4	741.8				0.0	920.9	1.8							1.8	
Q2	I	High 1	North Connector - Mountain Drive	UAD4L		3,226.0					51.4	303.4	2,922.6							2,922.6	
Q2	I	High 2	Mountain Drive - Lynwood Crescent	UAU4L		1,043.2					16.7	94.5	948.7							948.7	
Q3	I	Hollywd 3	McCurdy Road - Stremel	UAU2L		1,647.3					24.7	244.1	1,403.2							1,403.2	
Q3	I	Hollywd 4	Stremel - Highway 97	UAU2L		1,932.9	320.5				2.8	1,451.3	161.2							161.2	
Q3	I	Hollywd 4b	Francis Creek - Crossing	UCU2L		21.6					0.3	7.0	14.6							14.6	
Q4	I	Hollywd 5	Highway 97 - Cambrio	UAU2L		1,838.4	287.9				22.0	301.0	1,249.4							1,249.4	
Q4	I	Hollywd 5b	Mill Creek - Crossing	UAU2L		546.6					6.5	177.6	369.0							369.0	
Q4	I	Hollywd 6	extg. South end - Sexsmith Road	UAU2L		755.4	145.2				1.8	507.7	102.5							102.5	
Q2	I	Hwy 33 1	NEC - Highway 97	UAD4L		5,032.6		2,516.3			34.1	578.4	1,938.0							1,938.0	
Q1	I	Hwy 97 1	Gordon Drive - Highway 33	UAD6L		7,625.0	1,145.9	3,239.5		1,344.8	13.9	2,446.6	793.0							793.0	

						NON DCC REVENUE SOURCES								DCC SECTOR ALLOCATIONS							
Target						TOTAL			MOTH	Existing	LUC	By			A	B	C	D	F	E	I
Quarter	Secto	NAME	LOCATION	Description		CAPITAL	By	Highways	Max Lmt	Benefit	"I"	TAX'N	NET FOR		S.E.	South	NE of	North of	South of	North of	COMMON
						COSTS	Devlp'r	Assist	150/yr	COSTS	Inner		DCC BASED		Kelowna	Mission	Inner City	Hwy 33	Hwy 33	Inner City	
Q3	I	Hwy 97 2	Highway 33 - Sexsmith	UAD4L		8,742.8	3,709.9	2,516.5		912.4	9.5	1,978.5	538.0								538.0
Q2	I	Hwy Link-Ellis	East Approach to Bridge	UAU3L		263.4					4.0	38.3	225.1								225.1
Q2	I	Hwy Link-Gordon	Sutherland - Bernard	UAU3L		3,352.1					54.8	237.8	3,114.3								3,114.3
Q2	I	Hwy Link-Pand 3	Lake - Hwy 97	UAU3L		9,228.5		4,000.0			79.3	717.0	4,511.5								4,511.5
Q2	I	Hwy Link-Pand 3B	Mill Creek Bridge	UAU3L		937.5					16.2	16.2	921.3								921.3
Q2	I	Hwy Link-Richter	Sutherland - Bernard	UAU3L		2,818.3					43.6	339.9	2,478.4								2,478.4
Q1	I	KLO	Gordon Drive - Benvoulin Road	UAD4L		4,800.1	511.7				67.3	461.3	3,827.0								3,827.0
Q3	I	Lkshore 3	Richter Street - Old Meadows Roa	UAD4L		19,063.1	3,100.0				232.3	2,757.3	13,205.8								13,205.8
Q3	I	Lkshore 3b	Mission Creek - Crossing	UAD4L		2,818.2					48.7	48.7	2,769.5								2,769.5
Q3	I	Lkshore 3c	Wilson Creek - Crossing	UAD4L		358.7					6.2	6.2	352.5								352.5
Q2	I	Lkshore 4	Lanfranco Road - Richter Street	UAU3L		885.9	124.9				9.4	225.5	535.5								535.5
Q4	I	McCurdy 1	Dilworth - NEC	RAU2L		4,123.2	729.9				54.4	299.8	3,093.5								3,093.5
Q2	I	McCurdy 2	NEC - Highway 97	R/UAU2L		1,426.3	406.3				15.2	155.4	864.6								864.6
Q4	I	McCurdy 2b	Mill Creek - Crossing	UAU2L		469.7					5.6	152.6	317.1								317.1
Q4	I	McCurdy 3	Highway 97 - Hollywood Road	UAD4L		4,144.6					58.5	819.7	3,324.9								3,324.9
Part Compl	I	Pandosy 1	Raymer - Royal	UAU3L		2,449.1					37.2	335.9	2,113.2								2,113.2
Q2	I	Pandosy 2	Royal - Lake	UAU3L		2,889.0					41.7	519.5	2,369.5								2,369.5
Q1-4	I	Ridge	Cara Glen Way - Sexsmith Road	UAU2L		16,354.6	16,354.6														
Q2	I	Rio 1	Clifton Road - Highlands	UCU2L		857.9		857.9													
Q2	I	Rio 2	Highlands - Internal Road C1	UCU2L		1,166.2		1,166.2													
Q2	I	Rutland 1	Leathead Road - Cornish Road	UAU4L		12,108.4	866.8			3,376.2	116.9	4,596.1	6,645.6								6,645.6
Q2	I	Rutland 2	Cornish Road - Old Vernon Road	UAD4L		2,703.8	579.2			597.6	20.7	948.4	1,176.2								1,176.2
Q1	I	Sexsmith 1	Ridge Road - Millard Road	UAU2L		4,487.2	4,487.2														
Q3	I	Sexsmith 2	Glenmore old - Glenmore Bypass	R/UAU2L		572.1	204.9				0.4	346.0	21.1								21.1
Q3	I	Sexsmith 3	Glenmore Bypass - Valley Road	R/UAU2L		1,712.9	723.7				13.7	212.6	776.6								776.6
Q4	I	Sexsmith 4	Valley - Longhill	R/UAU2L		6,228.2					89.1	1,160.1	5,068.1								5,068.1
Q3	I	Sexsmith 5	Longhill - Rutland Road	R/UAU4L		8,871.3	981.6				105.7	1,881.0	6,008.7								6,008.7
Q3	I	Springfield 1	Richter Street - Ethel Street	UAD4L		4,185.7					66.8	385.6	3,800.1								3,800.1
CPLT	I	Springfield 2	Ziprick Road -Hollywood Road	UAU4L		3,631.5	9.9						3,621.5								3,621.5
Q3	I	Springfield 3	Hollywood Road - Rutland Road	UAU4L		6,196.4					97.4	657.7	5,538.8								5,538.8
						277,171.3	51,242.4	14,117.0		34,561.1	2,404.3	65,123.1	146,688.7								152,075.2

					NON DCC REVENUE SOURCES							DCC SECTOR ALLOCATIONS							I COMMON	
					TOTAL CAPITAL COSTS	By Devlp'r	Highways Assist	MOTH Max Lmt 1 150/yr	Existing Benefit COSTS	LUC "I" Inner	By TAX'N	NET FOR DCC BASED CALC's	A S.E. Kelowna	B South Mission	C NE of Inner City	D North of Hwy 33	F South of Hwy 33	E North of Inner City		
Target	Quarter	Secto	NAME	LOCATION	Description															
			Annual MOTH						(3,000.0)											(3,000.0)
			Subtotal A			426,678.3	75,572.6	25,713.6	(3,000.0)	44,010.5	2,404.3	81,630.6	240,761.5	7,767.3	59,016.9	3,210.0	6,255.9	2,761.9	12,674.3	149,075.2
			Carry Over (00-12-31 Reserve Balance):										(12,859.8)	(3,078.2)	(300.0)		(384.2)	(384.2)	(990.9)	(7,722.3)
			Subtotal B			426,678.3	75,572.6	25,713.6	(3,000.0)	44,010.5	2,404.3	81,630.6	227,901.7	4,689.1	58,716.9	3,210.0	5,871.7	2,377.8	11,683.4	141,352.9
			Add LUC Portion of Costs back to Common:								(2,404.3)									
			Subtotal C			426,678.3	75,572.6	25,713.6	(3,000.0)	44,010.5		81,630.6	227,901.7	4,689.1	58,716.9	3,210.0	5,871.7	2,377.8	11,683.4	141,352.9
			2,279.0		Engineering/Administrat				1.00%				2,279.0	46.9	587.2	32.1	58.7	23.8	116.8	1,413.5
			428,957.3		Subtotal D								230,180.8	4,735.9	59,304.1	3,242.1	5,930.4	2,401.5	11,800.2	142,766.5
					Less Assist				15.00%				(34,527.1)	(710.4)	(8,895.6)	(486.3)	(889.6)	(360.2)	(1,770.0)	(21,415.0)
					Total for DCC								195,653.6	4,025.6	50,408.4	2,755.8	5,040.9	2,041.3	10,030.2	121,351.5

Residential 1:	Sector	7,279	13,620	3,529	5,041	2,548	4,641
	Common	5,403	5,403	5,403	5,403	5,403	5,403
	Total Roads	12,683	19,024	8,932	10,444	7,952	10,045
Residential 2:	Sector	5,824	10,896	2,823	4,033	2,039	3,713
	Common	4,323	4,323	4,323	4,323	4,323	4,323
	Total Roads	10,146	15,219	7,146	8,355	6,362	8,036
Residential 3:	Sector	4,004	7,491	1,941	2,772	1,402	2,553
	Common	2,972	2,972	2,972	2,972	2,972	2,972
	Total Roads	6,976	10,463	4,913	5,744	4,374	5,525
Residential 4:	Sector	3,785	7,083	1,835	2,621	1,325	2,414
	Common	2,810	2,810	2,810	2,810	2,810	2,810
	Total Roads	6,595	9,892	4,645	5,431	4,135	5,223
Commercial - Per 1,000 Sq. Ft.:	Sector	2,240	4,191	1,086	1,551	784	1,428
	Common	1,663	1,663	1,663	1,663	1,663	1,663
	Total Roads	3,902	5,853	2,748	3,214	2,447	3,091
Industrial - Per Acre:	Sector	7,279	13,620	3,529	5,041	2,548	4,641
	Common	5,403	5,403	5,403	5,403	5,403	5,403
	Total Roads	12,683	19,024	8,932	10,444	7,952	10,045
Institutional - Per 1,000 Sq. Ft.:	Sector	2,240	4,191	1,086	1,551	784	1,428
	Common	1,663	1,663	1,663	1,663	1,663	1,663
	Total Roads	3,902	5,853	2,748	3,214	2,447	3,091

CITY OF KELOWNA 2020 WATER SERVICING PLAN & FINANCING STRATEGY COST SHARING MODEL													1 % Assist				
EXHIBIT "B" - WATER																	
Target Year	PROJECT	DESCRIPTION	TOTAL CAPITAL COST	NON-DCC REVENUE SOURCES						NET FOR DCC CALC'S	DCC SECTOR ALLOCATIONS						
				By Devlp'r	Prov'l Assist	Benefit Existing	Oversize	Net By Utility	A LUC CREDIT		A Central	B South Mission	D Clifton				
Total Growth Units:				395						13,009	7,041	3,690	2,278				
2010	BRDWY PP	Broadway - P. Pt. Drive	706.5					25.1	681.3		456.5		224.8				
2009	BRDWY TRNK	Broadway Trunk 1350 mm	1,845.4					65.7	1,779.7		1,192.4		587.3				
2009	BRDWY VC	Broadway Valve Chamber	204.2					7.3	196.9		131.9		65.0				
2009	CAMB VC	Cambridge Valve Chamber	204.2					7.3	196.9		131.9		65.0				
2016	CEDAR PMP	Mission - 2 x 800 hp pumps	1,223.0			709.3		709.3		513.7		513.7					
2006	CEDAR PS	New Cedar Cr. PS - 2 Pumps &	7,915.1			3,071.7		3,071.7		4,843.4		4,843.4					
2011	CLEMENT	Clement Ave pipe -(Ethel-Richt	339.1					18.0	321.1		321.1						
2014	CRAWFORD 3	Crawford - 3x100 hp Pumps	550.9	440.7		110.2		110.2	0.0	0.0	0.0						
2014	CRAWFORD 4	Crawford 2 Trunk 300 mm pipe	594.2	475.4		118.8		118.8	0.0	0.0	0.0						
2014	CRAWFORD 5	Crawford Trunk - 300mm pipe	301.6	241.3		60.3		60.3	0.0	0.0	0.0						
2014	CRAWFORD 6	Expand Crawford Reservoir	336.8	269.5		67.4		67.4	0.0	0.0	0.0						
2010	DAON PS	125 hp Pump-Daon PS	529.9	529.9													
2010	DILWORTH	Twin Dilworth Trunk-300mm pip	576.1	576.1													
2010	ELDRDO PS	Eldorado Pump Stn Refrbsh	296.1					15.7	280.4		280.4						
2014	ELLIS	North Ellis - Pipe 500 mm	384.7					20.4	364.3		364.3						
2011	ETHEL TRNK	Ethel St Trunk-(Weddel-Clemer	510.7					27.1	483.6		483.6						
2013	HARVEY	Hwy 97-Gordon -Chandler-Pipe	482.3					25.6	456.7		456.7						
2009	KNOX TRNK	Knox Trunk 1200 mm	3,458.3					123.1	3,335.2		2,234.6		1,100.6				
2009	KNOX VC	Knox Valve Chamber	204.2						204.2		136.8		67.4				
2016	LKSHR PRV	Lakeshore Trunk - PRV Station	204.2			118.4		118.4	4.6	81.2	81.2						
2016	LKSHR TRNK	Lakeshore Trunk 500 mm	5,337.0			3,095.5		3,095.5	119.1	2,122.5	2,122.5						
2005	PP INTAKE	1,066 mm intake - Poplar Pt	801.4					28.5	772.8		517.8		255.0				
2005	PP POWR	Upgrade Power Supply Poplar	409.0					14.6	394.4		264.3		130.2				
2005	PP TURB	2x 500hp Turbines - Poplar Pt	444.2					15.8	428.3		287.0		141.4				
2005	PP VALVE	Upgrade Valve Chmbr Poplar P	499.1					17.8	481.3		322.5		158.8				
2011	RICHTER	1085 m 300 mm pipe-Richter	908.4					48.3	860.2		860.2						
2007	SKY PMP	Skyline - new 500hp pump	310.9						310.9				310.9				
Comp	Sky PS 1	Skyline/High Booster Pumps	607.0						607.0				607.0				
2007	SKY ST	Skyline Suction Trunk 450 mm	621.4						621.4				621.4				
2010	SKY TRK1	Skyline Trk - 200mm to 350mm	413.6			107.5		107.5	306.1				306.1				
2010	SKY TRK2	Skyline Trk - 200mm to 300mm	655.2			170.4		170.4	484.8				484.8				
2007	SKY VC	Skyline Valve Chamber	153.2						153.2				153.2				
2010	SUMMIT PH	Summit PH Extension	74.0	74.0													
2010	SUMMIT PS	2- 50hp pumps @Summit PS	163.9	163.9													
2009	TRNCH TRNK	Trench Place Trunk 900 mm	2,498.1					88.9	2,409.2		1,614.2		795.0				
2010	WEDDELL VC	Weddel Valve Chamber	255.3					9.1	246.2		164.9		81.2				
Annl	ANNL OS	Annual Oversizing Component	1,200.0					63.7	1,136.3		1,136.3						



Target Year	PROJECT	DESCRIPTION	TOTAL CAPITAL COST	NON-DCC REVENUE SOURCES					NET FOR DCC CALC'S	DCC SECTOR ALLOCATIONS			
				By Devlp'r	Prov'l Assist	Benefit		Net By Utility		A LUC CREDIT	A	B	D
						Existing	Oversize						
		SUBTOTAL A	36,219.1	2,770.8		7,629.6		7,629.6	745.6	25,073.1	13,560.9	5,357.1	6,155.1
		Less: Land Use Credits											
		SUBTOTAL B	36,219.1	2,770.8		7,629.6		7,629.6	745.6	25,073.1	13,560.9	5,357.1	6,155.1
		Carry Over(		Reserve Balances)						(2,981.6)	(2,866.4)	(78.7)	(36.5)
		SUBTOTAL C	36,219.1	2,770.8		7,629.6		7,629.6	745.6	22,091.5	10,694.5	5,278.4	6,118.6
				220.9 Engineering/Administration				1.00%		220.9	106.9	52.8	61.2
				36,440.0 Subtotal D						22,312.4	10,801.4	5,331.2	6,179.8
				Less Assist				@	1.00%	(223.1)	(108.0)	(53.3)	(61.8)
				Total for DCC						22,089.3	10,693.4	5,277.9	6,118.0
				NET UNIT DCC FOR:									
				Residential 1:							1,519	1,430	2,686
				Residential 2:							1,018	958	1,799
				Residential 3:							729	687	1,289
				Residential 4:							516	486	913
				Lodging House or Group Home:							1,519	1,430	2,686
				Commercial - Per 1,000 Sq. Ft.:							584	550	1,033
				Industrial - Per Acre:							4,252	4,005	7,520
				Institutional - Per 1,000 Sq. Ft.:							584	550	1,033

CITY OF KELOWNA											
2020 WASTEWATER TRUNKS PLAN & FINANCIAL STRATEGY											
EXHIBIT "C" - WASTEWATER TRUNKS				COST SHARING MODEL							
				(2000 Dollars x 1000)							
Target Year                      PROJECT                      FROM - TO			TOTAL CAPITAL COST	NON DCC REVENUE SOURCES					NET FOR DCC CALC'S	ALLOCATIONS	
				By Devlp'r	Prov'l Assist	Benefit Existing	Oversize By Utility	LUC Not South Mission		NOT South Mission	South Mission
			Total Growth Units:	395					23,285	19,487	3,798
COMP	O/S GLNMR MS1	Glenmore Trk 5, Mission Trk	550.3					550.3	550.3		
COMP	MF OVERSIZE	Oversize for South Mission Fl	500.0					500.0	500.0		
COMP	O/S MS1 LKSHR	Outstanding Credit	492.9					492.9	492.9		
COMP	L. N HARVEY	Ellis - Richter - Leon	529.9	347.2			3.0	179.6	179.6		
COMP	BYRNSBAR 1	Ziprick to Burtch	4,189.1	1.9	223.6		66.1	3,897.5	3,897.5		
COMP	SPRGZIP	Hollywood S- Ziprick - Baron	1,192.4	51.5			19.0	1,121.9	1,121.9		
2001	O/S WATER FM	Outstanding Pymnt	414.3					414.3	414.3		
2004	6B CROSS	Glenmore - Valley	597.3				10.0	587.3	587.3		
2005	KLO	KLO - Swordy	584.3				9.7	574.6	574.6		
2005	SPRGBLK	Belgo - Hollywood S	1,020.0	70.0			15.8	934.2	934.2		
2005	GUY ELS	@ Bay	318.3	185.1			2.2	131.0	131.0		
2006	BIRCH ELS	@ Cameron Park	444.2				7.4	436.8	436.8		
2006	GLENMORE 7C	Yates - 700m North	884.6				14.8	869.8	869.8		
2006	HALL	KLO - Benvoulin	814.7	479.9			5.6	329.2	329.2		
2007	BYRNSBAR 2	Byrns to WWTF	3,731.1	82.2			60.9	3,588.0	3,588.0		
2007	GYRO FM	Gyro LS - KPCC	1,117.3				18.6	1,098.7	219.7	878.9	
2008	GORDON ELS	@ Raymer	444.2				7.4	436.8	436.8		
2008	WATER FM	Pandosy to Ethel	662.5				11.1	651.4	651.4		
2008	RAYMER ELS	Lane North of Coopland	470.4				7.8	462.6	462.6		
2010	ETHEL 3	Gordon - Richmond- Orchard	870.6				14.5	856.1	856.1		
2015	RUTLAND	Nickel - Hwy 33	912.1				15.2	896.9	896.9		
2017	SOUTH GORDO	Old Meadows to KPCC	5,251.9	577.7				4,674.2	934.8	3,739.4	
2001/20	OVERSIZE	Oversize Component - \$60/yr	1,200.0				20.0	1,180.0	1,180.0		

SUBTOTAL A	27,192.3	1.9		2,017.2		309.3	24,863.9	19,252.7	5,611.2
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Less: Land Use Credits

SUBTOTAL B	27,192.3	1.9		2,017.2		309.3	24,863.9	19,252.7	5,611.2
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Carry Over(2000-12-31 Reserve Balances) (287.7) (197.0) (90.7)

SUBTOTAL C	27,192.3	1.9		2,017.2		309.3	24,576.2	19,055.7	5,520.5
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245.8 Engineering/Administration	1.00%	245.8	190.6	55.2
27,438.0 Subtotal D		24,822.0	19,246.3	5,575.7

Less Assist	@	1.00%	(248.2)	(192.5)	(55.8)
Total for DCC			24,573.8	19,053.8	5,519.9

**NET UNIT DCC FOR:**

Residential 1:	978	1,453
Residential 2:	812	1,206
Residential 3:	548	814
Residential 4:	528	785
Lodging House or Group Home:	978	1,453
Commercial - Per 1,000 Sq. Ft.:	376	559
Industrial - Per Acre:	2,738	4,069
Institutional - Per 1,000 Sq. Ft.:	376	559

CITY OF KELOWNA  
2020 WASTEWATER TREATMENT PLAN & FINANCING STRATEGY  
COST SHARING MODEL

**EXHIBIT "D" - WASTEWATER TREATMENT**

		TOTAL PROJECT COST	(2000 Dollars x 1000)					NET FOR DCC CALCULATIONS	
YEAR	PROJECT		PROVINCIAL ASSIST	NET REMAINING	BENEFIT EXISTING	OVERSIZE (2020+)	NET BY UTILITY		LUC Credit
		Total Growth Units:	23,681	395				23,286	
Comp	Stage 1 - Completion	749.3	749.3					749.3	
Comp	Existing Debt Commitments	4,666.6	4,666.6					4,666.6	
2005	Compost Facility - Part A	4,000.0	4,000.0	2,500.0		2,500.0	25.0	1,475.0	
2007	Stage 2 - Design	2,300.0	2,300.0				38.4	2,261.6	
2008	Stage 2 - Construction	13,800.0	13,800.0				230.2	13,569.8	
2009	Stage 2 - Construction	16,100.0	16,100.0				268.5	15,831.5	
2010	Stage 2 - Completion	1,540.0	1,540.0				25.7	1,514.3	
2012	Compost Facility - Part B	1,500.0	1,500.0	937.5		937.5	9.4	553.1	
2015	Compost Facility - Part C	1,333.3	1,333.3	833.3		833.3	8.3	491.6	
2015	Land Acquisition	3,625.0	3,625.0		3,625.0	3,625.0			

<b>SUBTOTAL A</b>	49,614.2		49,614.2	4,270.8	3,625.0	7,895.8	605.5	41,112.9
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Less: Land Use Credits

<b>SUBTOTAL B</b>	49,614.2		49,614.2	4,270.8	3,625.0	7,895.8	605.5	41,112.9
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Carry-Over (2000-12-31 Reserve Balance) (1,555.0)

<b>SUBTOTAL C</b>	49,614.2		49,614.2	4,270.8	3,625.0	7,895.8	605.5	39,557.9
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395.6	Engineering/Administration	1.00%	395.6
50,009.8	Subtotal D		39,953.4

Less Assist	@	1.00%	<span style="color: red;">(399.5)</span>
Total for DCC			39,553.9

NET UNIT DCC FOR:	
Residential 1:	1,699
Residential 2:	1,410
Residential 3:	951
Residential 4:	917
Lodging House or Group Home:	1,699
Commercial - Per 1,000 Sq. Ft.:	653
Industrial - Per Acre:	4,756
Institutional - Per 1,000 Sq. Ft.:	653

CITY OF KELOWNA 2020 PARKS ACQUISITION PLAN & FINANCING STRATEGY COST SHARING MODEL									
EXHIBIT "E" - PARKS									
(2000 Dollars x 1000)									
		TOTAL CAPITAL COST	NON-DCC REVENUE SOURCES					NET FOR DCC CALCULATIONS	
PERIOD	ACQUISITIONS		BY DEVELOPER	PROVINCIAL ASSIST	NET REMAINING	LUC	OVERSIZE (2020+)		NET BY UTILITY
		Total Growth Units:			25,539	395			25,144
1	29 hectares ( 71 acres)	19,776.1			19,776.1	305.9			19,470.2
2	30 hectares ( 75 acres)	21,126.7			21,126.7	326.8			20,799.9
3	32 hectares ( 80 acres)	22,316.0			22,316.0	345.2			21,970.8
4	34 hectares ( 83 acres)	23,302.6			23,302.6	360.4			22,942.3
SUBTOTAL A 125 hectares ( 309 acres)		86,521.4			86,521.4	1,338.2			85,183.3
Less: Land Use Credits:									
SUBTOTAL B		86,521.4			86,521.4	1,338.2			85,183.3
Carry Over ( 00-12-31 Reserve Balance - Commitments)									(3,379.3)
SUBTOTAL C		86,521.4			86,521.4	1,338.2			81,803.9
		818.0	Plus Administration/Engineering		@	1.00%			818.0
		87,339.4	Subtotal D						82,622.0
			Less Assist		@	10.00%			(8,262.2)
			Total for DCC						74,359.8
NET UNIT DCC FOR:									
Residential 1: 2,957									
Residential 2: 2,957									
Residential 3: 2,957									
Residential 4: 2,957									
Lodging House or Group Home: 2,957									
Commercial - Per 1,000 Sq. Ft.: N/A									
Industrial - Per Acre: N/A									
Institutional - Per 1,000 Sq. Ft.: N/A									

NOTE:

Period 1 = (2001 - 2005)  
Period 2 = (2006 - 2010)  
Period 3 = (2011 - 2015)  
Period 4 = (2016 - 2020)

NOTE:

Period 1 = (2001 - 2005)  
Period 2 = (2006 - 2010)  
Period 3 = (2011 - 2015)  
Period 4 = (2016 - 2020)

### Development Cost Charges for All Services Applicable to Development Within the Municipality

<u>SERVICE AREA</u>	<u>Sector</u>	<u>Residential 1</u> To 15 Units/Hectare (Each Lot or Unit)	<u>Residential 2</u> 16-35 Units/Hectare (Each Lot or Unit)	<u>Residential 3</u> 36-85 Units/Hectare (Each Lot or Unit)	<u>Residential 4</u> Greater Than 85 Units/Hectare (Each Lot or Unit)	<u>Commercial</u> For 1st 1,000 sq. ft. of floor area or portion; 1/1,000th the rate for per sq. ft. over 1,000	<u>Institutional "A"</u> For 1st 1,000 sq. ft. of floor area or portion; 1/1,000th the rate for per sq. ft. over 1,000	<u>Institutional "B"</u> For 1st 1,000 sq. ft. of floor area or portion; 1/1,000th the rate for per sq. ft. over 1,000	<u>Industrial/ Campground</u>  Minimums	<u>Industrial/ Campground</u> Per Acre Over Minimum Developable Land
<b><u>ROADS</u></b>										
SE Kelowna	R-A	12,683	10,146	6,976	6,595	3,902	3,902		12,683 - 1st acre/portion	12,683
South Mission	R-B	19,024	15,219	10,463	9,892	5,853	5,853		19,024 - 1st acre/portion	19,024
NE Rutland	R-C	8,932	7,146	4,913	4,645	2,748	2,748		8,932 - 1st acre/portion	8,932
Bell Mountain	R-D	10,444	8,355	5,744	5,431	3,214	3,214		10,444 - 1st acre/portion	10,444
Gallagher Ridge	R-F	7,952	6,362	4,374	4,135	2,447	2,447		7,952 - 1st acre/portion	7,952
Univ. S./S. Mckinley	R-E	10,045	8,036	5,525	5,223	3,091	3,091		10,045 - 1st acre/portion	10,045
City Centre - Note 1	R-1	5,403	4,323	2,972	2,810	1,663	1,663		5,403 - 1st acre/portion	5,403
<b><u>WATER</u></b>										
City Centre - Note 2	W-A	1,519	1,018	729	516	584	584	584	1,519 -1st .36 acre/portion	4,252
South Mission	W-B	1,430	958	687	486	550	550	550	1,430 -1st .36 acre/portion	4,005
Clifton/Glenmore	W-D	2,686	1,799	1,289	913	1,033	1,033	1,033	2,686 -1st .36 acre/portion	7,520
<b><u>TRUNKS</u></b>										
City Centre - Note 3	S-A	978	812	548	528	376	376	376	978 -1st .36 acre/portion	2,738
South Mission	S-B	1,453	1,206	814	785	559	559	559	1,453 -1st .36 acre/portion	4,069
<b><u>TREATMENT</u></b>										
City Centre - Note 3 and South Mission	T-A	1,699	1,410	951	917	653	653	653	1,699 -1st .36 acre/portion	4,756
<b><u>PARKS</u></b>										
	P-A	2,957	2,957	2,957	2,957	Exempt	Exempt	Exempt	Exempt	Exempt

#### **NOTES**

1. City Centre; Dilworth Periphery; North Spec 7; South Spec 7; Central Mission; Clifton; Glenmore Highlands; Glenmore Valley; Rutland; South of Hwy 97; Sexsmith; Hall road
2. City Centre; Dilworth Periphery; North Spec 7; South Spec 7; Central Mission
3. City Centre; Dilworth Periphery; North Spec 7; South Spec 7; Central Mission; Clifton; Glenmore Highlands; Glenmore Valley; Rutland; South of Hwy 97; Sexsmith; Hall Road; NE Rutland; University South; S. Mckinley; Bell Mountain; Gallagher Ridge

Roads - Charges are Net of "Assist Factor" of 15%

Wastewater Trunks/Treatment - Charges are Net of "Assist Factor" of 1%

Water - Charges are Net of "Assist Factor" of 1%

- Areas not noted above are provided water by suppliers other than the City

Parks - Charges are Net of "Assist Factor" of 10%

General - 1,000 square feet is considered to be the equivalent of 92.9 meters

- sector designations denote geographical areas as designated on attached Sector maps A1 to A5

#### Commercial or Institutional Calculation

The measurement unit for Commercial and Institutional development is square feet of floor area.

The calculation of floor area of a commercial or institutional building is based on the gross floor area which is measured from the outside edge of all exterior walls, less the area used for parking of motor vehicles and bicycles in the building permit application.

#### Industrial Calculation

The measurement unit for Industrial development is acres of site area. The calculation of industrial site area is based on the gross area of the site that is proposed for development in a building permit application, including access, parking and loading and excludes landscaped areas and the undeveloped portion of the site that is being held in it's pre-developed state for future additional development (1 acre minimum).

**1. Residential 1 - Single Family Development - by growth area - by service type**  
**Comparison to current rates**

**Draft**

	Sector / Rate									
GROWTH AREA	<u>Roads</u>		<u>Water</u>		<u>Sewer Trunks</u>		<u>Treatment</u>	<u>Parks</u>	<u>Total</u>	
City Centre (Updated)	I	5,403	A	1,519	A	978	A	1,699	2,957	12,556
Current	I	3,634	A	1,393	A	874	A	1,475	2,147	9,523
Clifton/Glen. Hghld (Updated)	I	5,403	D	2,686	A	978	A	1,699	2,957	13,723
Current	I	3,634	D	2,505	A	874	A	1,475	2,147	10,635
Glenmore Valley (Updated)	I	5,403		GEID	A	978	A	1,699	2,957	11,037
Current	I	3,634		GEID	A	874	A	1,475	2,147	8,130
Rutland (Updated)	I	5,403		RWW	A	978	A	1,699	2,957	11,037
Current	I	3,634		RWW	A	874	A	1,475	2,147	8,130
North East Rutland (Updated)	C	8,932		BMID	A	978	A	1,699	2,957	14,566
Current	C	6,271		BMID	A	874	A	1,475	2,147	10,767
Hwy 33 - North East (Updated)	D	10,444		BMID	A	978	A	1,699	2,957	16,078
Current	D	7,433		BMID	A	874	A	1,475	2,147	11,929
Hwy 33 - South West (Updated)	F	7,952		BMID	A	978	A	1,699	2,957	13,586
Current	D	5,840		BMID	A	874	A	1,475	2,147	10,336
University / Airport (Updated)	E	10,045		GEID	A	978	A	1,699	2,957	15,679
Current	E	7,420		GEID	A	874	A	1,475	2,147	11,916
McKinley (Updated)	E	10,045		GEID		N/A		N/A	2,957	13,002
Current	E	7,420		GEID		N/A		N/A	2,147	9,567
Hall Road (Updated)	I	5,403		SEKID	A	978	A	1,699	2,957	11,037
Current	I	3,634		SEKID	A	874	A	1,475	2,147	8,130
Southeast Kelowna (Updated)	A	12,683		SEKID		N/A		N/A	2,957	15,640
Current	A	9,018		SEKID		N/A		N/A	2,147	11,165
S.W. Mission (Updated)	B	19,024	B	1,430	B	1,453	A	1,699	2,957	26,563
Current	B	13,965	B	696	K	1,219	A	1,475	2,147	19,502

BMID Serviced by Black Mountain Irrigation District

SEKID Serviced by South East Kelowna Irrigation District

RWW Serviced by Rutland Water Works

GEID Serviced by Glenmore Ellison Irrigation District

N/A Not Applicable as Sewer will not be in that area within the 20 Year period

**3. Residential 3 - Apartments up to 4 Storeys - by growth area - by service type**  
**Comparison to existing rates**

**DRAFT**

	Sector / Rate					
GROWTH AREA						
	<u>Roads</u>	<u>Water</u>	<u>Sewer Trunks</u>	<u>Treatment</u>	<u>Parks</u>	<u>Total</u>
City Centre (Updated)	I 2,972	A 729	A 548	A 951	2,957	8,157
Current	I 1,999	A 669	A 489	A 826	2,147	6,130
Clifton/Glen. Hghld (Updated)	I 2,972	D 1,289	A 548	A 951	2,957	8,717
Current	I 1,999	D 1,202	A 489	A 826	2,147	6,663
Glenmore Valley (Updated)	I 2,972	GEID	A 548	A 951	2,957	7,428
Current	I 1,999	GEID	A 489	A 826	2,147	5,461
Rutland (Updated)	I 2,972	RWW	A 548	A 951	2,957	7,428
Current	I 1,999	RWW	A 489	A 826	2,147	5,461
North East Rutland (Updated)	C 4,913	BMID	A 548	A 951	2,957	9,369
Current	C 3,449	BMID	A 489	A 826	2,147	6,911
Hwy 33 - North East (Updated)	D 5,744	BMID	A 548	A 951	2,957	10,200
Current	D 4,088	BMID	A 489	A 826	2,147	7,550
Hwy 33 - South West (Updated)	F 4,374	BMID	A 548	A 951	2,957	8,830
Current	D 3,212	BMID	A 489	A 826	2,147	6,674
University / Airport (Updated)	E 5,525	GEID	A 548	A 951	2,957	9,981
Current	E 4,081	GEID	A 489	A 826	2,147	7,543
McKinley (Updated)	E 5,525	GEID	N/A	N/A	2,957	8,482
Current	E 4,081	GEID	N/A	N/A	2,147	6,228
Hall Road (Updated)	I 2,972	SEKID	A 548	A 951	2,957	7,428
Current	I 1,999	SEKID	A 489	A 826	2,147	5,461
Southeast Kelowna (Updated)	A 6,976	SEKID	N/A	N/A	2,957	9,933
Current	A 4,960	SEKID	N/A	N/A	2,147	7,107
S.W. Mission (Updated)	B 10,463	B 687	B 814	A 951	2,957	15,872
Current	B 7,681	B 334	K 683	A 826	2,147	11,671

BMID Serviced by Black Mountain Irrigation District

RWW Serviced by Rutland Water Works

SEKID Serviced by South East Kelowna Irrigation District

GEID Serviced by Glenmore Ellison Irrigation District

N/A Not Applicable as Sewer will not be in that area within the 20 Year period



**3. Commercial - rate per 1,000 Sq.Ft. - by growth area - by service type**  
**Comparison to existing rates**

**Draft**

GROWTH AREA	Sector / Rate					
	<u>Roads</u>	<u>Water</u>	<u>Sewer Trunks</u>	<u>Treatment</u>	<u>Parks</u>	<u>Total</u>
<b>City Centre (Updated)</b>	I 1,663	A 584	A 376	A 653	N/A	<b>3,276</b>
<b>Current</b>	I 1,118	A 536	A 336	A 567	N/A	<b>2,557</b>
<b>Clifton/Glen. Hghld (Updated)</b>	I 1,663	D 1,033	A 376	A 653	N/A	<b>3,725</b>
<b>Current</b>	I 1,118	D 963	A 336	A 567	N/A	<b>2,984</b>
<b>Glenmore Valley (Updated)</b>	I 1,663	GEID	A 376	A 653	N/A	<b>2,692</b>
<b>Current</b>	I 1,118	GEID	A 336	A 567	N/A	<b>2,021</b>
<b>Rutland (Updated)</b>	I 1,663	RWW	A 376	A 653	N/A	<b>2,692</b>
<b>Current</b>	I 1,118	RWW	A 336	A 567	N/A	<b>2,021</b>
<b>North East Rutland (Updated)</b>	C 2,748	BMID	A 376	A 653	N/A	<b>3,777</b>
<b>Current</b>	C 1,930	BMID	A 336	A 567	N/A	<b>2,833</b>
<b>Hwy 33 - North East (Updated)</b>	D 3,214	BMID	A 376	A 653	N/A	<b>4,243</b>
<b>Current</b>	D 2,287	BMID	A 336	A 567	N/A	<b>3,190</b>
<b>Hwy 33 - South West (Updated)</b>	F 2,447	BMID	A 376	A 653	N/A	<b>3,476</b>
<b>Current</b>	D 1,797	BMID	A 336	A 567	N/A	<b>2,700</b>
<b>University / Airport (Updated)</b>	E 3,091	GEID	A 376	A 653	N/A	<b>4,120</b>
<b>Current</b>	E 2,283	GEID	A 336	A 567	N/A	<b>3,186</b>
<b>McKinley (Updated)</b>	E 3,091	GEID	N/A	N/A	N/A	<b>3,091</b>
<b>Current</b>	E 2,283	GEID	N/A	N/A	N/A	<b>2,283</b>
<b>Hall Road (Updated)</b>	I 1,663	SEKID	A 376	A 653	N/A	<b>2,692</b>
<b>Current</b>	I 1,118	SEKID	A 336	A 567	N/A	<b>2,021</b>
<b>Southeast Kelowna (Updated)</b>	A 3,902	SEKID	N/A	N/A	N/A	<b>3,902</b>
<b>Current</b>	A 2,775	SEKID	N/A	N/A	N/A	<b>2,775</b>
<b>S.W. Mission (Updated)</b>	B 5,853	B 550	B 559	A 653	N/A	<b>7,615</b>
<b>Current</b>	B 4,297	B 268	K 469	A 567	N/A	<b>5,601</b>

BMID Serviced by Black Mountain Irrigation District

RWW Serviced by Rutland Water Works

SEKID Serviced by South East Kelowna Irrigation District

GEID Serviced by Glenmore Ellison Irrigation District

N/A Not Applicable as Sewer will not be in that area within the 20 Year period

**NOTE: Institutional rate is the same as commercial except the existing drainage charge is \$70 less and Schools to grade 12 and College Residences are not charged Roads DCC.**

**4. Industrial - rate per acre - by growth area - by service type**  
**Comparison to existing rates**

**Draft**

GROWTH AREA	Sector / Rate					
	<u>Roads</u>	<u>Water</u>	<u>Sewer Trunks</u>	<u>Treatment</u>	<u>Parks</u>	<u>Total</u>
<b>City Centre (Updated)</b>	I 5,403	A 4,252	A 2,738	A 4,756	N/A	<b>17,149</b>
<b>Current</b>	I 3,634	A 3,901	A 2,447	A 4,130	N/A	<b>14,112</b>
<b>Clifton/Glen. Hghld (Updated)</b>	I 5,403	D 7,520	A 2,738	A 4,756	N/A	<b>20,417</b>
<b>Current</b>	I 3,634	D 7,014	A 2,447	A 4,130	N/A	<b>17,225</b>
<b>Glenmore Valley (Updated)</b>	I 5,403	GEID	A 2,738	A 4,756	N/A	<b>12,897</b>
<b>Current</b>	I 3,634	GEID	A 2,447	A 4,130	N/A	<b>10,211</b>
<b>Rutland (Updated)</b>	I 5,403	RWW	A 2,738	A 4,756	N/A	<b>12,897</b>
<b>Current</b>	I 3,634	RWW	A 2,447	A 4,130	N/A	<b>10,211</b>
<b>North East Rutland (Updated)</b>	C 8,932	BMID	A 2,738	A 4,756	N/A	<b>16,426</b>
<b>Current</b>	C 6,271	BMID	A 2,447	A 4,130	N/A	<b>12,848</b>
<b>Hwy 33 - North East (Updated)</b>	D 10,444	BMID	A 2,738	A 4,756	N/A	<b>17,938</b>
<b>Current</b>	D 7,433	BMID	A 2,447	A 4,130	N/A	<b>14,010</b>
<b>Hwy 33 - South West (Updated)</b>	F 7,952	BMID	A 2,738	A 4,756	N/A	<b>15,446</b>
<b>Current</b>	D 5,840	BMID	A 2,447	A 4,130	N/A	<b>12,417</b>
<b>University / Airport (Updated)</b>	E 10,045	GEID	A 2,738	A 4,756	N/A	<b>17,539</b>
<b>Current</b>	E 7,420	GEID	A 2,447	A 4,130	N/A	<b>13,997</b>
<b>McKinley (Updated)</b>	E 10,045	GEID	N/A	N/A	N/A	<b>10,045</b>
<b>Current</b>	E 7,420	GEID	N/A	N/A	N/A	<b>7,420</b>
<b>Hall Road (Updated)</b>	I 5,403	SEKID	A 2,738	A 4,756	N/A	<b>12,897</b>
<b>Current</b>	I 3,634	SEKID	A 2,447	A 4,130	N/A	<b>10,211</b>
<b>Southeast Kelowna (Updated)</b>	A 12,683	SEKID	N/A	N/A	N/A	<b>12,683</b>
<b>Current</b>	A 9,018	SEKID	N/A	N/A	N/A	<b>9,018</b>
<b>S.W. Mission (Updated)</b>	B 19,024	B 4,005	B 4,069	A 4,756	N/A	<b>31,854</b>
<b>Current</b>	B 13,965	B 1,948	K 3,413	A 4,130	N/A	<b>23,456</b>

BMID Serviced by Black Mountain Irrigation District

RWW Serviced by Rutland Water Works

SEKID Serviced by South East Kelowna Irrigation District

GEID Serviced by Glenmore Ellison Irrigation District

N/A Not Applicable as Sewer will not be in that area within the 20 Year period

## 5. Proposed Development Cost Charge Rates

### **ARTERIAL ROADS**

Development Cost Charges Applicable to Development Within the Municipality

Development Type	Sector A SE Kelowna	Sector B South Mission	Sector C NE of Inner City	Sector D N of Hwy 33	Sector F S of Hwy 33	Sector E N of Inner City	Sector I Inner City
Residential 1	12,683	19,024	8,932	10,444	7,952	10,045	5,403
Residential 2	10,146	15,219	7,146	8,355	6,362	8,036	4,323
Residential 3	6,976	10,463	4,913	5,744	4,374	5,525	2,972
Residential 4	6,595	9,892	4,645	5,431	4,135	5,223	2,810
Commercial - Per 1,000 sq ft	3,902	5,853	2,748	3,214	2,447	3,091	1,663
Institutional A - Per 1,000 sq ft	3,902	5,853	2,748	3,214	2,447	3,091	1,663
Institutional B - Per 1,000 sq ft	0	0	0	0	0	0	0
Industrial/Campground Per Acre	12,638	19,024	8,932	10,444	7,952	10,045	5,403
Current Single Family Res. Rate	9,018	13,965	6,271	7,433	5,840	7,420	3,634

### **WATER**

Development Cost Charges Applicable to Development Within the Municipality

Development Type	Sector A Inner City	Sector B South Mission	Sector D Glenmore/ Clifton
Residential 1	1,519	1,430	2,686
Residential 2	1,018	958	1,799
Residential 3	729	687	1,289
Residential 4	516	486	913
Commercial - Per 1,000 sq ft	584	550	1,033
Institutional A - Per 1,000 sq ft	584	550	1,033
Institutional B - Per 1,000 sq ft	584	550	1,033
Industrial/Campground Per Acre	4,252	4,005	7,520
Current Single Family Res. Rate	1,393	696	2,505

## **WASTEWATER TRUNK MAINS**

**Draft**

**Development Cost Charges Applicable to Development Within the Municipality**

<b>Development Type</b>	<b>Sector A Inner City</b>	<b>Sector B South Mission</b>
Residential 1	<b>978</b>	<b>1,453</b>
Residential 2	<b>812</b>	<b>1,206</b>
Residential 3	<b>548</b>	<b>814</b>
Residential 4	<b>528</b>	<b>785</b>
Commercial - Per 1,000 sq ft	<b>376</b>	<b>559</b>
Institutional A - Per 1,000 sq ft	<b>376</b>	<b>559</b>
Institutional B - Per 1,000 sq ft	<b>376</b>	<b>559</b>
Industrial/Campground Per Acre	<b>2,738</b>	<b>4,069</b>

<b>Current Single Family Res. Rate</b>	<b>874</b>	<b>1,219</b>
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## **WASTEWATER TREATMENT**

**Development Cost Charges Applicable to Development Within the Municipality**

<b>Development Type</b>	<b>Sector A All City</b>
Residential 1	<b>1,699</b>
Residential 2	<b>1,410</b>
Residential 3	<b>951</b>
Residential 4	<b>917</b>
Commercial - Per 1,000 sq ft	<b>653</b>
Institutional A - Per 1,000 sq ft	<b>653</b>
Institutional B - Per 1,000 sq ft	<b>653</b>
Industrial/Campground Per Acre	<b>4,756</b>

<b>Current Single Family Res. Rate</b>	<b>1,475</b>
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## ***PARKLAND - PUBLIC OPEN SPACE***

**Draft**

**Development Cost Charges Applicable to Development Within the Municipality**

<b>Development Type</b>	<b>Sector A All City</b>
Residential 1	<b>2,957</b>
Residential 2	<b>2,957</b>
Residential 3	<b>2,957</b>
Residential 4	<b>2,957</b>
Commercial - Per 1,000 sq ft	-
Institutional A - Per 1,000 sq ft	-
Institutional B - Per 1,000 sq ft	-
Industrial/Campground Per Acre	-

  

<b>Current Single Family Res. Rate</b>	<b>2,147</b>
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