Attachment A

City of Williams Lake

Five Year Plan Forecast as at November 21, 2018

Schedule "A"

WATER FUND	Forecast				
	2019	**2020**	**2021**	**2022**	**2023**
REVENUE					
Service Fees & Charges	2,359,000	2,359,000	2,359,000	2,359,000	2,359,000
Parcel Taxes	205,000	205,000	205,000	205,000	205,000
Grants From Other Governments	-	-	-	-	-
Transfers From Own Reserves					
REVENUE TOTAL	2,564,000	2,564,000	2,564,000	2,564,000	2,564,000
EXPENDITURES					
Operating Expenditures	1,404,223	1,415,004	1,426,004	1,437,221	1,437,221
Debt Principal & Interest	86,051	86,051	51,937	3,000	3,000
Transfers To Other City Funds	300,000	300,000	300,000	300,000	300,000
Transfers To Own Reserves	-	-	-	-	-
Capital Asset Investents	-	-	-	-	-
EXPENDITURES TOTAL	1,790,274	1,801,055	1,777,941	1,740,221	1,740,221
SURPLUS (DEFICIT)	773,726	762,945	786,059	823,779	823,779
Capital Expenses					
Capital Projects	1,087,000	1,070,000	1,000,000	-	12,000,000
Transfer to General	637,450	653,500	844,800	360,000	360,000
Total Capital Expenses	**1,724,450**	**1,723,500**	**1,844,800**	**360,000**	**12,360,000**
Capital Revenue					
Operating Surplus	773,726	762,945	786,059	823,779	823,779
Unapproved Grants					
DCC`s	108,000	65,000			500,000
Transfer from Surplus					
Transfer from PY Reserve			1,000,000		
Total Capital Revenue	881,726	827,945	1,786,059	823,779	1,323,779
Deficit/(Surplus)	**842,724**	**895,555**	**58,741**	**-463,779**	**11,036,221**

Fund 6

WATER FUND - BUDGET REVIEW

			History	Current		Forecast					Requested Changes to the Following Amounts					Justification	Change 2018 - 2019	
Bylaw	**Account**	**Description**	**Actuals 2017**	**Actuals 2018**	**2018 Budget**	**2019 Budget**	**2020 Budget**	**2021 Budget**	**2022 Budget**	**2023 Budget**	**Budget 2019**	**Budget 2020**	**Budget 2021**	**Budget 2022**	**Budget 2023**		**$**	**%**
Parcel Taxes	**61100-101**	Water Parcel Tax	-154,920.00	-156,360.00	-155,000.00	-155,000.00	-155,000.00	-155,000.00	-155,000.00	-155,000.00								
	61100-102	South Lakeside Water Parcel Tax	-43,709.09	-31,117.56	-50,000.00	-50,000.00	-50,000.00	-50,000.00	-50,000.00	-50,000.00								
Parcel Taxes Total			**-198,629.09**	**-187,477.56**	**-205,000.00**	**-205,000.00**	**-205,000.00**	**-205,000.00**	**-205,000.00**	**-205,000.00**								
Service Fees & Charges	**61110-104**	Commercial Water Revenue	-1,051,543.41	-627,500.08	-1,030,000.00	-1,030,000.00	-1,030,000.00	-1,030,000.00	-1,030,000.00	-1,030,000.00								
	61110-105	Residential Water Revenue	-1,258,033.70	-1,234,860.60	-1,245,000.00	-1,245,000.00	-1,245,000.00	-1,245,000.00	-1,245,000.00	-1,245,000.00								
	61110-106	Bulk Water Sales	-53,460.28	-12,608.70	-20,000.00	-20,000.00	-20,000.00	-20,000.00	-20,000.00	-20,000.00								
	61210-107	Water Connection Fees	-4,186.78	-1,229.74	-7,000.00	-7,000.00	-7,000.00	-7,000.00	-7,000.00	-7,000.00								
	61210-108	Water Turn-On Fees	-2,010.08	-2,968.17	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00	-2,000.00								
	61550-100	Bank Interest	-42,548.23	0.00	-25,000.00	-25,000.00	-25,000.00	-25,000.00	-25,000.00	-25,000.00								
	61550-101	Inventory Discrepancy	3,384.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
	61551-120	Return on Investment M.F.A.	-857.92	-4,010.47	0.00	0.00	0.00	0.00	0.00	0.00								
	61561-100	Water Penalties	-12,795.20	-3,957.02	-10,000.00	-10,000.00	-10,000.00	-10,000.00	-10,000.00	-10,000.00								
	61561-105	Water Conservation Fees	-25.00	-294.80	0.00	0.00	0.00	0.00	0.00	0.00								
	61591-145	Sundry Revenue	-7,659.97	-3,683.74	-20,000.00	-20,000.00	-20,000.00	-20,000.00	-20,000.00	-20,000.00								
Service Fees & Charges Total			**-2,429,735.63**	**-1,891,113.32**	**-2,359,000.00**	**-2,359,000.00**	**-2,359,000.00**	**-2,359,000.00**	**-2,359,000.00**	**-2,359,000.00**								
Grants From Other Govern	**65110-008**	Provincial Grant - Water Management Strategy	0.00	0.00	-166,000.00	0.00	0.00	0.00	0.00	0.00								
Grants From Other Govern Total			**0.00**	**0.00**	**-166,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**								
Transfers From Own Reser	**61951-100**	Appropriation of Surplus	-15,717.62	0.00	-285,000.00	0.00	0.00	0.00	0.00	0.00								
Transfers From Own Reser Total			**-15,717.62**	**0.00**	**-285,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**								
Debt Principal & Interes	**62824-631**	Interest Bylaw 1637	28,109.16	14,054.58	14,055.00	0.00	0.00	0.00	0.00	0.00								
	62824-632	Interest Bylaw 1801 CRD	13,230.00	6,615.00	13,230.00	13,230.00	13,230.00	0.00	0.00	0.00								
	62824-650	Interest Bylaw 1845 CRD	17,937.78	8,968.89	17,938.00	17,938.00	17,938.00	17,938.00	0.00	0.00								
	62834-631	Principal Bylaw 1637 CRD	18,281.58	18,281.58	18,282.00	0.00	0.00	0.00	0.00	0.00								
	62834-632	Principal Bylaw 1801 CRD	20,884.01	0.00	20,884.00	20,884.00	20,884.00	0.00	0.00	0.00								
	62834-633	Principal - Bylaw 1845-CRD	30,999.14	0.00	30,999.00	30,999.00	30,999.00	30,999.00	0.00	0.00								
	62841-640	M.F.A. Debt Reserve	857.92	0.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
Debt Principal & Interes Total			**130,299.59**	**47,920.05**	**118,388.00**	**86,051.00**	**86,051.00**	**51,937.00**	**3,000.00**	**3,000.00**								
Operating Expenditures	**62210-200**	Mgmt Salaries	86,972.86	62,794.27	85,004.00	86,704.00	88,438.00	90,207.00	92,011.00	92,011.00								
	62210-210	Salaries	0.00	12,464.54	28,428.00	28,997.00	29,577.00	30,169.00	30,772.00	30,772.00								
	62210-215	SCADA Standby	11,195.29	8,326.66	11,300.00	11,526.00	11,757.00	11,992.00	12,232.00	12,232.00								
	62210-216	Vehicle Chargeout	308.38	121.28	0.00	0.00	0.00	0.00	0.00	0.00								
	62210-255	Telephone	2,440.86	1,849.09	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00								
	62210-260	Membership/Dues	438.52	1,782.41	750.00	750.00	750.00	750.00	750.00	750.00								
	62210-261	Staff Training	15,127.69	6,769.83	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00								
	62210-306	Engineering Consultant	9,185.00	9,210.00	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00	11,000.00								
	62210-358	Labratory Testing Fees	11,500.29	5,467.99	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00								
	62210-359	Tranformer Oil Sampling	0.00	0.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00								
	62210-360	Airport Fire Pump Recertification	0.00	0.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
	62210-365	Fee For Service-Conservation Society	38,600.00	38,600.00	38,600.00	38,600.00	38,600.00	38,600.00	38,600.00	38,600.00								
	62210-375	Low Use Fixture Incentive Program	512.50	2,000.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	lower public demand	-500.00	-20.0%
	62210-400	Water Administration Supplies	0.00	12.51	0.00	0.00	0.00	0.00	0.00	0.00								
	62211-256	Advertising	1,749.00	1,760.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00								
	62214-285	Insurance	27,326.00	0.00	22,500.00	22,500.00	22,500.00	22,500.00	22,500.00	22,500.00								
	62214-288	Leases	2,020.00	1,220.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
	62214-289	Water Licence Fees	8,119.38	9,331.94	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	increased government fees	2,000.00	25.0%
	62218-215	Chlorination/Disinfection Wages	9,566.81	5,590.38	13,732.00	14,007.00	14,287.00	14,573.00	14,864.00	14,864.00								
	62218-216	Chlorination/Disinfection Vehicle	1,003.42	959.14	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00								
	62218-400	Chlorination/Disinfection Supplies	30,267.61	56,794.88	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00								
	62220-215	General System Maintenance Wages	72,683.35	53,711.43	73,161.00	74,624.00	76,116.00	77,638.00	79,191.00	79,191.00								
	62220-216	General System Maintenance Vehicle	3,309.24	3,074.75	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00								
	62220-363	Annual Infrared Inspection	750.00	289.75	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00	1,500.00								
	62220-365	Water Op - BC One Call Contract Services	117.00	85.50	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00	1,250.00								
	62220-368	Vibration Inspection	0.00	2,383.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,500.00	2,500.00	2,500.00	2,500.00	2,500.00	increased contractor costs	500.00	25.0%
	62220-400	General System Maintenance Supplies	2,888.77	2,981.24	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00	13,000.00								
	62220-402	SCADA Programming	2,209.24	688.75	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62220-415	Alarm and Monitoring	4,170.12	3,086.52	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62220-416	Small Tools	1,897.37	0.00	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00	3,500.00								
	62221-215	Watermain Repairs Wages	17,951.64	4,033.58	20,774.00	21,189.00	21,613.00	22,045.00	22,486.00	22,486.00								
	62221-216	Watermain Repairs Vehicle	5,751.30	2,236.19	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62221-365	Watermain Repairs Contracted Services	367.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
	62221-400	Watermain Repairs Supplies	28,912.07	0.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00								
	62222-215	Water Service Repairs Wages	26,391.95	19,911.53	33,136.00	33,799.00	34,475.00	35,165.00	35,868.00	35,868.00								
	62222-216	Water Service Repairs Vehicle	11,233.66	12,403.74	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
	62222-365	Water Service Repairs Contracted Services	4,377.50	1,073.80	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62222-400	Water Services Repairs Supplies	21,933.21	12,806.87	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00	8,000.00								
	62223-215	Valve Maintenance Wages	11,100.69	10,176.38	17,683.00	18,037.00	18,398.00	18,766.00	19,141.00	19,141.00								

Operating Expenditures	**62223-216**	Valve Maintenance Vehicle	2,527.31	2,048.49	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00								
	62223-400	Valve Maintenance Supplies	3,186.15	7,529.92	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
	62224-215	Hydrant Maintenance - Wages	27,833.43	8,899.65	33,136.00	33,799.00	34,475.00	35,165.00	35,868.00	35,868.00								
	62224-216	Hydrant Maintenance - Vehicle	7,205.40	2,000.22	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00	7,000.00								
	62224-400	Hydrant Maintenance - Supplies	6,995.59	6,532.08	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00								
	62225-215	Annual System Flushing Wages	6,246.86	4,589.92	12,363.00	12,610.00	12,862.00	13,119.00	13,381.00	13,381.00								
	62225-216	Annual System Flushing Vehicle	619.61	488.79	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00								
	62225-400	Annual System Flushing Supplies	2,567.64	1,553.26	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
	62226-215	Water Meter Reading Wages	2,399.85	2,651.62	6,181.00	6,305.00	6,431.00	6,560.00	6,691.00	6,691.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	increased efficiencies through RFID reader	-1,181.00	-19.1%
	62226-216	Water Meter Reading Vehicle	228.24	373.84	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00								
	62226-400	Water Meter Reading Supplies	0.00	352.38	0.00	0.00	0.00	0.00	0.00	0.00								
	62227-215	Water Meter Repair Wages	347.16	553.54	6,181.00	6,305.00	6,431.00	6,560.00	6,691.00	6,691.00								
	62227-216	Water Meter Repair Vehicle	31.45	109.86	500.00	500.00	500.00	500.00	500.00	500.00								
	62227-400	Water Meter Repair Supplies	307.28	49.61	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00								
	62228-215	Leave Wages	79,802.22	50,789.70	54,925.00	56,024.00	57,144.00	58,287.00	59,453.00	59,453.00								
	62228-400	Leave Wages	4,260.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
	62229-215	Service Box Location & Repair - Wages	11,196.06	12,299.03	23,004.00	23,464.00	23,933.00	24,412.00	24,900.00	24,900.00								
	62229-216	Service Box Location & Repair - Vehicle	1,903.05	4,704.49	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62229-400	Service Box Location & Repair - Supplies	688.24	604.57	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00								
	62245-215	Backflow Prevention Testing Wages	541.92	295.72	3,709.00	3,783.00	3,859.00	3,936.00	4,015.00	4,015.00								
	62245-216	Backflow Prevention Testing Vehicle	44.03	30.32	500.00	500.00	500.00	500.00	500.00	500.00								
	62245-400	Backflow Prevention Testing Supplies	463.67	39.68	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62246-215	Air Release Valve Maintenance Wages	3,113.01	3,317.03	4,327.00	4,414.00	4,502.00	4,592.00	4,684.00	4,684.00								
	62246-216	Air Release Valve Maintenance Vehicle	308.05	427.50	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00								
	62246-400	Air Release Valve Maintenance Supplies	360.00	76.26	0.00	0.00	0.00	0.00	0.00	0.00								
	62301-215	Pump Station Wages	95,422.95	52,556.05	97,179.00	99,123.00	101,105.00	103,127.00	105,190.00	105,190.00								
	62301-216	Pump Station Vehicles	12,660.12	11,824.35	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00	12,000.00								
	62301-365	Pump Stations Contracted	40,894.77	6,841.46	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00	125,000.00								
	62301-400	Pump Station Supplies	14,593.66	17,805.28	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00								
	62301-402	Pump Stations Security Checks	12,220.25	8,742.72	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00								
	62301-411	Pump Station Electricity	343,263.84	227,714.91	375,000.00	375,000.00	375,000.00	375,000.00	375,000.00	375,000.00								
	62321-215	Reservoir Wages	5,337.60	5,090.32	9,272.00	9,457.00	9,646.00	9,839.00	10,036.00	10,036.00								
	62321-216	Reservoir Vehicles	1,232.70	1,863.47	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00								
	62321-400	Reservoir Supplies	2,688.73	5,753.50	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00								
	62321-411	Reservoir Electricity	914.93	769.92	500.00	500.00	500.00	500.00	500.00	500.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	increased hydro costs	500.00	100.0%
	62341-215	Pressure Vault Wages	0.00	328.32	1,236.00	1,261.00	1,286.00	1,312.00	1,338.00	1,338.00								
	62341-216	Pressure Vault Vehicle	0.00	43.52	500.00	500.00	500.00	500.00	500.00	500.00								
	62341-400	Pressure Vault Supplies	0.00	0.00	500.00	500.00	500.00	500.00	500.00	500.00								
Operating Expenditures Total			**1,164,784.69**	**803,649.25**	**1,392,331.00**	**1,403,028.00**	**1,413,935.00**	**1,425,064.00**	**1,436,412.00**	**1,436,412.00**								
Transfers To Other City	**62210-251**	Administration Charge	300,000.00	0.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00								
	62846-100	Transfer to General Fund	0.00	0.00	68,679.00	0.00	0.00	0.00	0.00	0.00								
Transfers To Other City Total			**300,000.00**	**0.00**	**368,679.00**	**300,000.00**	**300,000.00**	**300,000.00**	**300,000.00**	**300,000.00**								
Transfers To Own Reserve	**62846-651**	Transfer to Reserve	0.00	0.00	171,244.00	0.00	0.00	0.00	0.00	0.00								
Transfers To Own Reserve Total			**0.00**	**0.00**	**171,244.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**								
Capital Asset Investment	**65206-215**	SCADA System Upgrade Wages	606.15	287.36	0.00	0.00	0.00	0.00	0.00	0.00								
	65206-216	SCADA System Upgrade Vehicle	18.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
	65206-400	SCADA System Upgrade	47,446.81	9,122.50	0.00	0.00	0.00	0.00	0.00	0.00								
	65406-400	Water Upgrade - Signal Point TBD	0.00	0.00	30,000.00	0.00	0.00	0.00	0.00	0.00								
	65409-400	Pavement Program - Saddle Replacement	1,000,284.15	266,025.69	285,000.00	0.00	0.00	0.00	0.00	0.00								
	65455-400	Replace Main in Gardner Pk/Borland - supplies	642.00	5,785.00	249,358.00	0.00	0.00	0.00	0.00	0.00								
	65456-400	Standby Generator/Worksyard Booster Stn - supplies	0.00	0.00	200,000.00	0.00	0.00	0.00	0.00	0.00								
	65457-400	Water Management Study	0.00	59,455.30	200,000.00	0.00	0.00	0.00	0.00	0.00								
Capital Asset Investment Total			**1,048,998.06**	**340,675.85**	**964,358.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**								
Grand Total			**-0.00**	**-886,345.73**	**0.00**	**-774,921.00**	**-764,014.00**	**-786,999.00**	**-824,588.00**	**-824,588.00**								

New Accounts

Description	Requested Amounts					Justification		
	Budget 2019	Budget 2020	Budget 2021	Budget 2022	Budget 2023			
Total Additional Funding Requested	**1,319.00**	**1,319.00**	**1,319.00**	**1,319.00**	**1,319.00**		**1,319.00**	**n/a**