

BALLINA SHIRE COUNCIL

SEPARATE ATTACHMENT

TO ITEM 4.2 (OPTION ONE)

Water Charges - Pricing Options - 2011/12

Finance Committee Meeting 17/3/11

Water - Cash Movements and Balances - Ten Year Forward Plan - Option One											
ESTIMATE 2010/11	DESCRIPTION	ESTIMATES									
		2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
7,362,800	Operating Revenues (excluding Section 64 Interest)	7,783,400	8,395,900	8,749,000	9,176,400	9,633,700	9,930,700	10,243,400	10,515,800	10,880,000	11,257,300
7,726,400	Less Operating Expenses	8,497,400	8,755,300	9,021,000	9,295,000	9,577,600	9,868,900	10,169,300	10,558,700	10,876,600	11,204,100
(363,600)	Operating Result before Dep & Excl Section 64 Interest	(714,000)	(359,400)	(272,000)	(118,600)	56,100	61,800	74,100	(42,900)	3,400	53,200
	Add Developer Contributions - Operating Revenue										
360,000	Section 64 Interest Earned on Contributions	362,000	110,000	29,000	46,000	82,000	85,000	122,000	6,000	8,000	9,000
(3,600)	Operating Result Before Depreciation	(352,000)	(249,400)	(243,000)	(72,600)	138,100	146,800	196,100	(36,900)	11,400	62,200
	Add Capital Grants and Contributions										
0	Capital Grants and Contributions	0	0	0	0	0	0	0	0	0	0
340,000	Section 64 Contributions Collected	640,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000
	Add Non-operating Funds Employed										
0	Loan Funds Used	0	0	0	0	0	0	1,000,000	0	0	0
361,600	Section 64 Conts - Applied to Capital Expenditure	4,490,000	1,935,000	380,000	60,000	570,000	0	2,510,000	658,500	678,200	698,600
	Subtract Funds Deployed for Non-operating Purposes										
894,000	Capital Expenditure	4,940,000	3,281,500	948,000	645,100	1,322,600	630,700	4,989,300	658,500	678,200	698,600
3,400	Loan Repayments - Principal	3,500	3,800	0	0	0	0	0	22,000	24,000	26,000
34,000	Dividends Paid	34,000	35,000	36,100	37,200	38,300	39,400	40,600	41,800	43,100	44,400
360,000	Interest on Section 64 Conts Transferred to Reserve	362,000	110,000	29,000	46,000	82,000	85,000	122,000	6,000	8,000	9,000
(593,400)	Water Reserves - Cash Result - Surplus / (Deficit)	(561,500)	(1,044,700)	(176,100)	(40,900)	(34,800)	91,700	(745,800)	593,300	636,300	682,800
	Equity Closing Balances										
3,243,600	Water Reserves	2,682,100	1,637,400	1,461,300	1,420,400	1,385,600	1,477,300	731,500	1,324,800	1,961,100	2,643,900
6,037,700	Developer Contributions - Section 64	1,825,700	480,700	771,700	1,365,700	1,413,700	2,028,700	96,700	132,200	146,000	138,400
9,281,300	Total	4,507,800	2,118,100	2,233,000	2,786,100	2,799,300	3,506,000	828,200	1,457,000	2,107,100	2,782,300

Water - Assumptions and Outcomes - Ten Year Plan

Description	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Indexation Factors											
Consumer Price Index (%)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Water Maintenance Expenses	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Water Annual Charge (%)	15.00%	9.90%	8.00%	5.00%	5.00%	5.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Water Usage Charge (%)	15.00%	9.90%	8.00%	5.00%	5.00%	5.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Section 64 Contributions	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Interest on Investments	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
Electricity Charges	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Rous Water Charges	15.00%	18.24%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Major Water Charges											
a) Water Access Charge - 20mm											
Annual Charge	142	156	169	177	186	195	201	207	213	220	226
No of Residential Services - Meters Connected	13,161	13,161	13,279	13,399	13,520	13,641	13,764	13,888	14,013	14,139	14,266
% Growth in Residential Services		0.00%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%	0.90%
Total Revenue - Residential Connected	1,868,900	2,053,900	2,238,200	2,371,200	2,512,200	2,661,500	2,766,000	2,874,700	2,987,600	3,104,900	3,226,800
a) Water Access Charge - Non-standard											
Non-standard Meter Revenue	42,000	42,000	46,200	49,900	52,400	55,000	57,800	59,500	61,300	63,100	65,000
No of Non-standard Services	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643
% Growth in Residential Services		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue - Residential Connected	42,000	46,200	49,900	52,400	55,000	57,800	59,500	61,300	63,100	65,000	67,000
b) Water Access Charge - Vacant Land											
Annual Charge	142	156	169	177	186	195	201	207	213	220	226
No of Residential Services - Not Connected	258	258	258	258	258	258	258	258	258	258	258
% Growth in Not Connected Services	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue - Not Connected	36,600	40,300	43,500	45,700	47,900	50,300	51,800	53,400	55,000	56,700	58,400
Total - Residential and Vacant Revenue	1,947,500	2,094,200	2,281,700	2,416,900	2,560,100	2,711,800	2,817,800	2,928,100	3,042,600	3,161,600	3,285,200
c) Annual Charge - Non-residential - Connected											
Average Annual Charge	277	305	329	346	363	381	393	404	417	429	442
No of Non Residential Services - Connected	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643
% Growth in Business Services		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue - Business - Connected	455,800	501,000	541,000	568,000	596,000	626,000	645,000	664,000	684,000	705,000	726,000
d) Usage Charge - Residential											
Usage Charge - Per Kilolitre - under 350 kl	1.52	1.67	1.80	1.89	1.99	2.09	2.15	2.22	2.28	2.35	2.42
Usage Charge - Per Kilolitre - over 350 kl	2.28	2.51	2.71	2.84	2.98	3.13	3.23	3.32	3.42	3.53	3.63
Estimated Water Usage	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000	2,082,000
Percentage Water Usage over 350 kl	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
% Growth in Residential Water Usage		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Annual Revenue - Residential Usage	3,291,000	3,478,000	3,756,000	3,944,000	4,141,000	4,348,000	4,479,000	4,613,000	4,751,000	4,894,000	5,041,000
Average Consumption Per Property	158	158	157	155	154	153	151	150	149	147	146
e) Usage Charge - Non-residential											
Usage Charge - Per Kilolitre - under 350 kl	1.52	1.67	1.80	1.89	1.99	2.09	2.15	2.22	2.28	2.35	2.42
Usage Charge - Per Kilolitre - over 350 kl	2.28	2.51	2.71	2.84	2.98	3.13	3.23	3.32	3.42	3.53	3.63
Estimated Water Usage	578,000	578,000	578,000	578,000	578,000	578,000	578,000	578,000	578,000	578,000	578,000
Percentage Water Usage over 350 kl	70%	68%	66%	64%	62%	60%	58%	56%	54%	52%	50%
% Growth in Business Water Usage		0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Annual Revenue - Non-residential Usage	1,186,000	1,294,000	1,387,000	1,445,000	1,506,000	1,569,000	1,604,000	1,639,000	1,675,000	1,712,000	1,749,000
Average Consumption Per Property	352	352	352	352	352	352	352	352	352	352	352
Developer Contributions											
Average Section 64 Charge Per Lot	3,200	3,200	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500	3,500
Number Collected Per Annum	200	200	200	200	200	200	200	200	200	200	200
% Increase in Amount of Contribution	0.00%	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
% Growth in Contributions Collected P.A.	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total Revenue - Section 64 Contributions	640,000	640,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000
Reserve Closing Balances											
Water Reserves	3,243,600	2,682,100	1,637,400	1,461,300	1,420,400	1,385,600	1,477,300	731,500	1,324,800	1,961,100	2,643,900
Developer Contributions - Section 64	6,037,700	1,825,700	480,700	771,700	1,365,700	1,413,700	2,028,700	96,700	132,200	146,000	138,400
Total Reserves Held as at 30 June	9,281,300	4,507,800	2,118,100	2,233,000	2,786,100	2,799,300	3,506,000	828,200	1,457,000	2,107,100	2,782,300

Water - Operating Revenues and Expenses - Ten Year Forward Plan																
ACTUAL 2008/09	ACTUAL 2009/10	ESTIMATE 2010/11	ACTUAL 28 FEB	DESCRIPTION	ESTIMATES											
					2011/12	%	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	
				OPERATING REVENUES												
1,585,188	1,806,150	2,138,400	1,937,800	Annual Charges	2,250,900	5	2,509,700	2,662,900	2,825,100	2,997,800	3,111,800	3,230,100	3,353,600	3,482,600	3,616,200	
3,678,619	4,614,753	4,501,400	2,143,200	User Charges	4,797,000	7	5,168,800	5,415,600	5,674,400	5,945,200	6,112,000	6,281,900	6,456,800	6,637,700	6,822,700	
147,353	145,677	197,000	184,300	Operating Grants	167,000	(15)	172,000	177,000	182,000	187,000	193,000	199,000	205,000	211,000	217,000	
88,818	212,063	256,600	208,400	Regulatory Fees and Fines	217,000	(15)	223,600	230,300	237,200	244,300	251,700	259,300	267,100	275,100	283,400	
214,686	93,446	136,000	81,800	Other Revenues	142,500	5	146,800	151,200	155,700	160,400	165,200	170,100	175,300	180,600	186,000	
669,972	531,616	493,400	280,200	Interest	571,000	16	285,000	141,000	148,000	181,000	182,000	225,000	64,000	101,000	141,000	
6,384,636	7,403,705	7,722,800	4,835,700	Total Operating Revenues	8,145,400	5	8,505,900	8,778,000	9,222,400	9,715,700	10,015,700	10,365,400	10,521,800	10,888,000	11,266,300	
				OPERATING EXPENSES												
			1,063,500	Direct Expenses												
443,746	355,132	486,200	392,100	Administration and Customer Service	498,000	2	513,200	528,700	544,600	561,000	577,800	595,200	613,100	631,600	650,400	
815,004	900,000	1,007,000	671,400	Overheads Distributed	1,080,000	7	1,112,400	1,145,800	1,180,200	1,215,600	1,252,100	1,289,700	1,328,400	1,368,300	1,409,300	
168,090	200,702	220,700	136,500	Engineering Management	227,500	3	234,300	241,200	248,500	256,100	263,800	271,700	279,800	288,100	296,600	
90,480	69,539	222,500	33,500	Engineering and Technical Costs	60,000	(73)	61,800	63,600	65,500	67,400	69,400	71,400	73,600	75,800	78,100	
820	767	600	400	Interest on Loans	500	(17)	200	0	0	0	0	0	80,000	78,000	76,000	
3,285,100	3,679,947	4,260,500	2,844,900	Purchase of Water	5,037,000	18	5,188,000	5,344,000	5,504,000	5,669,000	5,839,000	6,014,000	6,194,000	6,380,000	6,571,000	
26,153	31,446	36,200	21,800	Energy Costs	39,900	10	44,000	48,400	53,300	58,700	64,600	71,200	78,200	85,800	94,600	
95,548	67,514	81,300	30,200	Groundwater Bores	85,000	5	87,600	90,300	93,000	95,800	98,600	101,500	104,400	107,600	110,900	
82,099	64,191	62,400	34,900	Reservoirs	65,000	4	67,000	69,000	71,100	73,200	75,400	77,700	80,000	82,400	84,900	
42,913	69,192	72,000	50,400	Water Treatment Plants	73,000	1	75,200	77,400	79,700	82,100	84,500	87,000	89,600	92,300	95,000	
597,708	312,671	362,300	247,500	Mains - Maintenance	392,000	8	403,800	415,900	428,400	441,200	454,500	468,100	482,100	496,600	511,500	
376,459	691,150	682,400	408,800	Mains - Operations	702,500	3	723,700	745,300	767,700	790,700	814,400	838,700	863,900	889,800	916,500	
76,549	142,709	192,000	142,000	Meter Installations	200,000	4	206,000	212,200	218,600	225,200	232,000	239,000	246,200	253,600	261,200	
8,647	18,574	25,800	1,400	Telemetry	25,000	(3)	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	
13,185	8,900	14,500	4,300	Miscellaneous	12,000		12,300	12,600	13,000	13,400	13,800	14,200	14,600	15,000	15,400	
6,122,501	6,612,434	7,726,400	5,020,100	Total Operating Expenses	8,497,400	10	8,755,300	9,021,000	9,295,000	9,577,600	9,868,900	10,169,300	10,558,700	10,876,600	11,204,100	
262,135	791,271	(3,600)	(184,400)	Cash Result on Operations - Surplus	(352,000)	9,678	(249,400)	(243,000)	(72,600)	138,100	146,800	196,100	(36,900)	11,400	62,200	

Water - Management - Ten Year Plan																
ACTUAL 2008/09	ACTUAL 2009/10	ESTIMATE 2010/11	ACTUAL 28 FEB	BUDGET ITEMS	ESTIMATED											
					2011/12	%	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	
				OPERATING REVENUES												
				Annual Charges												
1,480,219	1,670,087	1,947,500	1,947,200	Availability Charge - Residential	2,053,900	5	2,281,700	2,416,900	2,560,100	2,711,800	2,817,800	2,928,100	3,042,600	3,161,600	3,285,200	
354,476	397,946	455,800	232,800	Availability Charge - Non-residential	501,000	10	541,000	568,000	596,000	626,000	645,000	664,000	684,000	705,000	726,000	
(112,220)	(116,206)	(119,200)	(109,000)	Abandoned Pensioners - Council	(137,000)	15	(141,000)	(145,000)	(149,000)	(153,000)	(158,000)	(163,000)	(168,000)	(173,000)	(178,000)	
(137,287)	(145,677)	(145,700)	(133,200)	Abandoned Pensioners - State	(167,000)	15	(172,000)	(177,000)	(182,000)	(187,000)	(193,000)	(199,000)	(205,000)	(211,000)	(217,000)	
				User Charges												
2,682,685	3,320,690	3,290,300	1,544,600	Consumption - Residential	3,478,000	6	3,756,000	3,944,000	4,141,000	4,348,000	4,479,000	4,613,000	4,751,000	4,894,000	5,041,000	
975,353	1,279,166	1,186,300	583,000	Consumption - Non-residential	1,294,000	9	1,387,000	1,445,000	1,506,000	1,569,000	1,604,000	1,639,000	1,675,000	1,712,000	1,749,000	
				Interest												
301,917	218,646	120,000	280,200	Interest on Investments	195,000	63	161,000	98,000	88,000	85,000	83,000	89,000	44,000	79,000	118,000	
11,682	14,085	13,400	0	Interest on Overdue Charges	14,000	4	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	14,000	
356,373	298,885	360,000	0	Interest on Sec 64 Contributions	362,000	1	110,000	29,000	46,000	82,000	85,000	122,000	6,000	8,000	9,000	
				Grants & Subsidies												
137,287	145,677	145,700	133,000	Grant Pensioner Rate Subsidy Sewer	167,000	15	172,000	177,000	182,000	187,000	193,000	199,000	205,000	211,000	217,000	
10,066	0	51,300	51,300	Miscellaneous Grants	0	(100)	0	0	0	0	0	0	0	0	0	
6,060,551	7,083,299	7,305,400	4,529,900	Total Operating Revenues	7,760,900	6	8,109,700	8,369,900	8,802,100	9,282,800	9,569,800	9,906,100	10,048,600	10,400,600	10,764,200	
				OPERATING EXPENSES												
				Engineering Management												
126,561	157,596	174,000	114,500	Salaries and Oncosts Administration	179,000	3	184,400	189,900	195,600	201,500	207,500	213,700	220,100	226,700	233,500	
14,578	13,138	13,700	10,500	Water Office Staff Annual Leave	14,000	2	14,400	14,800	15,200	15,700	16,200	16,700	17,200	17,700	18,200	
6,392	7,360	5,300	2,100	Water Office Staff Sick Leave	5,500	4	5,700	5,900	6,100	6,300	6,500	6,700	6,900	7,100	7,300	
6,063	2,097	7,500	0	Water Office Staff Long Service Leave	8,000	7	8,200	8,400	8,700	9,000	9,300	9,600	9,900	10,200	10,500	
0	3,254	6,200	0	Water Office Staff Maternity Leave	6,500	5	6,700	6,900	7,100	7,300	7,500	7,700	7,900	8,100	8,300	
0	2,761	0	0	Water Office Staff Other Leave	0	0	0	0	0	0	0	0	0	0	0	
14,496	14,496	14,000	9,400	Motor Vehicles	14,500	4	14,900	15,300	15,800	16,300	16,800	17,300	17,800	18,300	18,800	
				Admin and Customer Service Costs												
88,518	85,457	94,800	53,800	Meter Reading	98,000	3	100,900	103,900	107,000	110,200	113,500	116,900	120,400	124,000	127,700	
21,606	28,312	25,300	28,200	Field Staff Annual Leave	26,000	3	26,800	27,600	28,400	29,300	30,200	31,100	32,000	33,000	34,000	
3,047	13,931	26,300	29,900	Field Staff Sick Leave	27,000	3	27,800	28,600	29,500	30,400	31,300	32,200	33,200	34,200	35,200	
10,820	10,290	41,000	55,000	Field Staff Long Service Leave	42,500	4	43,800	45,100	46,500	47,900	49,300	50,800	52,300	53,900	55,500	
6,130	9,759	8,500	9,200	Field Staff Other Leave	9,000	6	9,300	9,600	9,900	10,200	10,500	10,800	11,100	11,400	11,700	
9,788	10,233	11,200	11,500	Subscriptions	11,000	(2)	11,300	11,600	11,900	12,300	12,700	13,100	13,500	13,900	14,300	
50,862	804	2,100	1,100	Injured Workers Rehabilitation	2,500	19	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	
0	0	5,000	3,300	Accident Pay to Employees	5,500	10	5,700	5,900	6,100	6,300	6,500	6,700	6,900	7,100	7,300	
63	233	200	200	Insurance	500	150	500	500	500	500	500	500	500	500	500	
11,841	10,024	11,800	12,900	Rates	13,000	10	13,400	13,800	14,200	14,600	15,000	15,500	16,000	16,500	17,000	
1,611	2,662	2,100	1,500	Telephone	3,000	43	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	
42,927	48,003	45,400	51,800	Payroll Tax	80,000	76	82,400	84,900	87,400	90,000	92,700	95,500	98,400	101,400	104,400	
0	0	100,000	53,200	Legal Costs	50,000	(50)	51,500	53,000	54,600	56,200	57,900	59,600	61,400	63,200	65,100	
100,350	25,113	8,300	0	Sundry Expenses	5,000	(40)	5,200	5,400	5,600	5,800	6,000	6,200	6,400	6,600	6,800	
5,568	9,245	4,200	0	Conferences and Seminars	5,000	19	5,200	5,400	5,600	5,800	6,000	6,200	6,400	6,600	6,800	
0	0	0	0	Loss on Disp Assets	0	0	0	0	0	0	0	0	0	0	0	
70,015	77,398	70,000	48,000	Water Testing Services	80,000	14	82,400	84,900	87,400	90,000	92,700	95,500	98,400	101,400	104,400	
0	0	10,000	9,600	Community Connect	15,000	50	15,500	16,000	16,500	17,000	17,500	18,000	18,500	19,100	19,700	
20,600	23,668	20,000	22,900	Postage and Printing	25,000	25	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	
				Engineering & Technical Costs												
3,414	12,039	94,500	23,500	Section 64 Review	10,000	(89)	10,300	10,600	10,900	11,200	11,500	11,800	12,200	12,600	13,000	
10,066	0	30,000	10,000	Model Upgrade	0	(100)	0	0	0	0	0	0	0	0	0	
0	0	55,000	0	GIS Modelling Software	0	(100)	0	0	0	0	0	0	0	0	0	
77,000	57,500	43,000	0	Contributions (Internal)	50,000	16	51,500	53,000	54,600	56,200	57,900	59,600	61,400	63,200	65,100	
				Miscellaneous Expenses												
7,015	7,330	5,700	4,300	Donations - Rates and Charges	8,000	40	8,200	8,400	8,700	9,000	9,300	9,600	9,900	10,200	10,500	
1,806	0	3,100	0	Flouride Tablets	0	(100)	0	0	0	0	0	0	0	0	0	
4,364	1,570	5,700	0	Rainwater Tank Rebate	4,000	(30)	4,100	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	
				Indirect Exps - Overheads and Loans												
815,004	900,000	1,007,000	671,400	Overheads to Water	1,080,000	7	1,112,400	1,145,800	1,180,200	1,215,600	1,252,100	1,289,700	1,328,400	1,368,300	1,409,300	
820	767	600	400	Interest on Loans	500	(17)	200	0	0	0	0	0	80,000	78,000	76,000	
1,531,325	1,535,040	1,951,500	1,238,200	Total Operating Expenses	1,878,000	(4)	1,934,200	1,991,900	2,051,800	2,113,500	2,176,900	2,242,200	2,389,500	2,456,800	2,525,800	
4,529,226	5,548,259	5,353,900	3,291,700	Cash Result - Surplus / (Deficit)	5,882,900	10	6,175,500	6,378,000	6,750,300	7,169,300	7,392,900	7,663,900	7,659,100	7,943,800	8,238,400	

Water - Operations - Ten Year Plan																
ACTUAL 2008/09	ACTUAL 2009/10	ESTIMATE 2010/11	ACTUAL 28 FEB	BUDGET ITEMS	ESTIMATED											
					2011/12	%	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	
				OPERATING REVENUES												
				User Charges												
20,581	14,897	24,800	15,600	Direct From Main Bulk Filling Stations	25,000	1	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	
				Regulatory Fees												
87,272	210,675	254,500	207,900	Tapping Fees	215,000	(16)	221,500	228,100	234,900	241,900	249,200	256,700	264,400	272,300	280,500	
1,546	1,388	2,100	500	Water Meter Special Readings	2,000	(5)	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	
				Other Revenues												
7,000	7,500	7,500	0	Lease Reservoir Sites to General Fund	10,000	33	10,300	10,600	10,900	11,200	11,500	11,800	12,200	12,600	13,000	
131,629	79,519	123,600	81,400	Water Plant Charged to Works	130,000	5	133,900	137,900	142,000	146,300	150,700	155,200	159,900	164,700	169,600	
5,839	5,445	3,100	0	Water Repairs Charged Owner	2,000	(35)	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	
70,218	982	1,800	400	Sundry Other Revenues	500	(72)	500	500	500	500	500	500	500	500	500	
324,085	320,406	417,400	305,800	Total Operating Revenues	384,500	(8)	396,200	408,100	420,300	432,900	445,900	459,300	473,200	487,400	502,100	
				OPERATING EXPENSES												
				Purchase Of Water												
2,463,512	2,833,532	3,193,000	2,131,300	Purchase of Water Rous - Ballina	3,775,000	18	3,888,000	4,005,000	4,125,000	4,249,000	4,376,000	4,507,000	4,642,000	4,781,000	4,924,000	
821,588	846,415	1,067,500	713,600	Purchase of Water Rous - Alstonville	1,262,000	18	1,300,000	1,339,000	1,379,000	1,420,000	1,463,000	1,507,000	1,552,000	1,599,000	1,647,000	
				Energy Costs												
10,242	9,321	4,300	1,800	Emigrant Creek Pumping Station	4,700	9	5,200	5,700	6,300	6,900	7,600	8,400	9,200	10,100	11,100	
13,917	17,349	18,400	12,800	Marom Creek Pumping Station	20,200	10	22,200	24,400	26,800	29,500	32,500	35,800	39,400	43,300	47,600	
683	754	1,100	400	Gum Creek Pumping Station	1,200	9	1,300	1,400	1,500	1,700	1,900	2,100	2,300	2,500	2,800	
184	218	600	200	Bore Pump Lindendale Road	700	17	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,700	
501	225	600	200	Ellis Road Bore Pumping Station	700	17	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,700	
339	2,778	8,600	5,400	Lennox Head Reservoirs	9,500	10	10,500	11,600	12,800	14,100	15,500	17,100	18,800	20,700	22,800	
287	357	600	200	Wardell Water Control Valve	700	17	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,700	
0	444	2,000	800	Ballina Heights Reservoir	2,200	10	2,400	2,600	2,900	3,200	3,500	3,900	4,300	4,700	5,200	
				Groundwater Bores Opns & Mtce												
59,305	52,597	51,800	28,400	Pumping Stations M & R - Marom Ck	54,000	4	55,600	57,300	59,000	60,800	62,600	64,500	66,400	68,400	70,500	
1,387	964	600	300	Pumping Stations M & R - Gum Creek	1,000	67	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
15,516	2,215	12,400	900	Ellis Road Operations & Management	15,000	21	15,500	16,000	16,500	17,000	17,500	18,000	18,500	19,100	19,700	
19,340	11,738	16,500	600	Lindendale Road Operations & Mtce	15,000	(9)	15,500	16,000	16,500	17,000	17,500	18,000	18,500	19,100	19,700	
				Reservoirs Operations & Mtce												
82,099	64,191	62,400	34,900	Reservoirs Operations & Maintenance	65,000	4	67,000	69,000	71,100	73,200	75,400	77,700	80,000	82,400	84,900	
				Water Treatment Plants Opns & Mtce												
42,476	68,647	70,900	49,000	Marom Creek WTP	72,000	2	74,200	76,400	78,700	81,100	83,500	86,000	88,600	91,300	94,000	
437	545	1,100	1,400	Gum Creek	1,000	(9)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
				Mains - Maintenance												
526,649	279,056	342,000	223,100	Water Mains - Maintenance	352,000	3	362,600	373,500	384,700	396,200	408,100	420,300	432,900	445,900	459,300	
71,059	33,615	20,300	24,400	Water Hydrant - Maintenance	40,000	97	41,200	42,400	43,700	45,000	46,400	47,800	49,200	50,700	52,200	
				Mains - Operations												
0	302,328	275,000	158,500	Mains Operations	283,000	3	291,500	300,200	309,200	318,500	328,100	337,900	348,000	358,400	369,200	
1,301	62	10,300	1,400	Water Mains - Leak Detection	10,000	(3)	10,300	10,600	10,900	11,200	11,500	11,800	12,200	12,600	13,000	
9,752	1,283	10,300	200	Water Mains - Wide Bay Loss Mgmt	10,000	(3)	10,300	10,600	10,900	11,200	11,500	11,800	12,200	12,600	13,000	
3,002	25,367	15,300	13,500	Water Mains - Cleaning Program	17,000	11	17,500	18,000	18,500	19,100	19,700	20,300	20,900	21,500	22,100	
0	263	1,100	0	Water Mains - Backflow Register	1,000	(9)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
95,238	1,342	5,200	4,100	Install Hydrant Protection Markers	5,500	6	5,700	5,900	6,100	6,300	6,500	6,700	6,900	7,100	7,300	
36,982	37,495	60,000	43,400	Water Plant M & R	65,000	8	67,000	69,000	71,100	73,200	75,400	77,700	80,000	82,400	84,900	
12,620	54,162	112,400	110,000	Water Meters M & R	116,000	3	119,500	123,100	126,800	130,600	134,500	138,500	142,700	147,000	151,400	
161,390	23,553	130,000	51,200	Water Service Operations & Mtce	134,000	3	138,000	142,100	146,400	150,800	155,300	160,000	164,800	169,700	174,800	
48,848	240,966	51,500	22,000	Water Meters Replacement	53,000	3	54,600	56,200	57,900	59,600	61,400	63,200	65,100	67,100	69,100	
1,966	470	4,200	700	Water Meters Vandalism	2,000	(52)	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	
1,074	133	2,000	0	Water Meter Remote Read	1,000	(50)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	
78	769	2,000	3,700	Water Backflow Prevention Testing	2,000	0	2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900	
4,208	2,957	3,100	100	Electrical Workshop Small Plant Hire	3,000	(3)	3,100	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	
				Meter Installations												
76,549	142,709	192,000	142,000	Install New Meters	200,000	4	206,000	212,200	218,600	225,200	232,000	239,000	246,200	253,600	261,200	
				Telemetry Operations												
8,647	18,574	25,800	1,400	Telemetry Maintenance & Operational	25,000	(3)	25,800	26,600	27,400	28,200	29,000	29,900	30,800	31,700	32,700	
4,591,176	5,077,394	5,774,900	3,781,900	Total Operating Expenses	6,619,400	15	6,821,100	7,029,100	7,243,200	7,464,100	7,692,000	7,927,100	8,169,200	8,419,800	8,678,300	
(4,267,091)	(4,756,988)	(5,357,500)	(3,476,100)	Cash Result - Surplus / (Deficit)	(6,234,900)	16	(6,424,900)	(6,621,000)	(6,822,900)	(7,031,200)	(7,246,100)	(7,467,800)	(7,696,000)	(7,932,400)	(8,176,200)	

Water - Loan Principal and Interest Repayments - Ten Year Forward Plan															
Year	Term	Rate	Amount	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Totals
Pre-Existing Loan	N/A	N/A	N/A	4,000	4,000	4,000	0	0	0	0	0	0	0	0	8,000
2010/11	20	8%	0		0		0	0	0	0	0	0	0	0	0
2011/12	20	8%	0			0	0	0	0	0	0	0	0	0	0
2012/13	20	8%	0				0	0	0	0	0	0	0	0	0
2013/14	20	8%	0					0	0	0	0	0	0	0	0
2014/15	20	8%	0						0	0	0	0	0	0	0
2015/16	20	8%	0							0	0	0	0	0	0
2016/17	20	8%	0								0	0	0	0	0
2017/18	20	8%	1,000,000									102,000	102,000	102,000	2,040,000
2018/19	20	8%	0										0	0	0
2019/20	20	8%	0											0	0
2020/21	20	8%	0												0
Total			1,000,000	4,000	4,000	4,000	0	0	0	0	0	102,000	102,000	102,000	2,048,000

Water - Loan Repayment Schedule - Ten Year Forward Plan															
Loan	Term	Rate	Details	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Totals
Pre-Existing Loan	N/A	N/A	N/A	3,400	3,500	3,800									10,700
			Principal	600	500	200									1,300
			Interest												
			O/S Princ	7,300	3,800	0									
2010/11	20	8%	0												
			Principal		0	0	0	0	0	0	0	0	0	0	0
			Interest		0	0	0	0	0	0	0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2011/12	20	8%	0												
			Principal			0	0	0	0	0	0	0	0	0	0
			Interest			0	0	0	0	0	0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2012/13	20	8%	0												
			Principal				0	0	0	0	0	0	0	0	0
			Interest				0	0	0	0	0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2013/14	20	8%	0												
			Principal					0	0	0	0	0	0	0	0
			Interest					0	0	0	0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2014/15	20	8%	0												
			Principal						0	0	0	0	0	0	0
			Interest						0	0	0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2015/16	20	8%	0												
			Principal							0	0	0	0	0	0
			Interest							0	0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2016/17	20	8%	0												
			Principal								0	0	0	0	0
			Interest								0	0	0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2017/18	20	8%	1,000,000												
			Principal									22,000	24,000	26,000	72,000
			Interest									80,000	78,000	76,000	234,000
			O/S Princ	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	978,000	954,000	928,000	306,000
2018/19	20	8%	0												
			Principal										0	0	0
			Interest										0	0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2019/20	20	8%	0												
			Principal											0	0
			Interest											0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
2020/21	20	8%	0												
			Principal											0	0
			Interest											0	0
			O/S Princ	0	0	0	0	0	0	0	0	0	0	0	0
Totals															
Principal Paid				3,400	3,500	3,800	0	0	0	0	0	22,000	24,000	26,000	82,700
Interest Paid				600	500	200	0	0	0	0	0	80,000	78,000	76,000	235,300
Balances				1,007,300	1,003,800	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	978,000	954,000	928,000	