

Douglas Shire Council (Douglas)

Water Supply Network

General Inputs

General Financial Inputs			Comments
Base Year	YEAR	2006	Model Base Year
Modeled End Year	MODELYR	2056	Model End Year
Ultimate year	ULTIMATE	2056	Infrastructure Planned Year
Unit of Measure/Demand	UOM	EDU	3.1 Eps per EDU
Escalation Index (Capex)	EI	5.0%	
Weighted Average Cost of Capital (nominal)	WACC	8.5%	
Inflation Rate (CPI)	IR	3.3%	Average CPI June 2006 - June 2009
Real Weighted Average Cost of Capital	RWACC	5.00%	
Real Rate (Escalation of Charges)	RR	4.5%	
Discount Rate Alpha Adjusted Rate	AR	3.8%	

Contingencies			Comments
Contingencies on Assets Constructed in next 5 years	CONT10	10%	
Contingencies on Assets Constructed in 5-10years	CONT15	15%	
Contingencies on Assets Constructed 10+ years	CONT20	20%	

Project Management and Design			Comments
Planning and Design Costs	PMDC	7.5%	Std Industry rate unless otherwise defined.
Administration			
Ongoing Administration Costs	OAC	1.0%	In accordance with SICS

Scheduled Rate Cost	Code	\$CRC	Comments/Source
50 Water Main	50	\$ 136.00	Allowance for 20% On costs included. Allows for valves and fittings.
75 Water Main	75	\$ 138.00	Unit rate adopted from 80mm dia main.
80 Water Main	80	\$ 138.00	Allowance for 20% On costs included. Allows for valves and fittings.
100 Water Main	100	\$ 147.00	Allowance for 20% On costs included. Allows for valves and fittings.
150 Water Main	150	\$ 185.00	Allowance for 20% On costs included. Allows for valves and fittings.
200 Water Main	200	\$ 241.00	Allowance for 20% On costs included. Allows for valves and fittings.
225 Water Main	225	\$ 276.00	Allowance for 20% On costs included. Allows for valves and fittings.
300 Water Main	300	\$ 400.00	Allowance for 20% On costs included. Allows for valves and fittings.
375 Water Main	375	\$ 560.00	Allowance for 20% On costs included. Allows for valves and fittings.
450 Water Main	450	\$ 752.00	Allowance for 20% On costs included. Allows for valves and fittings.
525 Water Main	525	\$ 975.00	Allowance for 20% On costs included. Allows for valves and fittings.
600 Water Main	600	\$ 1,196.00	Allowance for 20% On costs included. Allows for valves and fittings.

Douglas Shire Council (Douglas)

Water Supply Network

							Asset Allocation										
							2006	2011	2016	2021	2026	2031	2036	2041	2046	2051	2056
Projected Demands (EDU)							4,763	1,944	466	45							
							5,267	2,025	549	62							
							6,049	2,120	637	72							
							6,837	2,222	723	83							
							7,592	2,327	804	97							
							8,137	2,488	896	114							
							8,684	2,649	985	132							
							9,242	2,794	1,077	146							
							9,772	2,954	1,172	162							
							10,078	3,134	1,259	180							
							10,217	3,330	1,339	200							
Council Existing Assets							PORT DOUGLAS (W1)	MOSSMAN (W2)	WHYANBEE (W3)	DAINTREE (W4)							
ASSET ID	ASSET TYPE	ASSET DESCRIPTION	TOTAL COST 2006	SUBSIDY	TOTAL ASSET VALUE 2006												
ACTIVE ASSETS																	
WBE01	Bore	Port Douglas Views Bore 1	\$ 4,196	0%	\$ 4,196			Y									
WBE02	Bore	Port Douglas Views Bore 2	\$ 4,196	0%	\$ 4,196			Y									
WBE03	Bore	Port Douglas Views Bore 3	\$ 4,196	0%	\$ 4,196			Y									
WBE04	Bore	Port Douglas Views Bore 4	\$ 4,196	0%	\$ 4,196			Y									
WBE05	Bore	Port Douglas Views Bore 5	\$ 4,196	0%	\$ 4,196			Y									
WIE01	Raw Water Intake	Whyanbeel Intake Structure	\$ 71,942	40%	\$ 43,165			Y									
WIE02	Raw Water Intake	Daintree Intake Structure	\$ 29,976	40%	\$ 17,985				Y								
WIE03	Raw Water Intake	Rex Intake	\$ 155,874	40%	\$ 93,524	Y	Y										
WPSE01	Pump Station	Port Douglas Views Pump Station	\$ 95,922	0%	\$ 95,922			Y									
WPSE02	Pump Station	Flagstaff Pump Station 3	\$ 57,762	0%	\$ 57,762	Y											
WPSE03	Pump Station	Craiglie Pump Station	\$ 333,330	0%	\$ 333,330	Y											
WPSE04	Pump Station	Flagstaff Pump Station 1	\$ 41,966	0%	\$ 41,966	Y											
WPSE05	Pump Station	Cassowary Pump Station	\$ 28,777	0%	\$ 28,777	Y											
WPSE06	Pump Station	Flagstaff Pump Station 2 (Cost included in Flagstaff Pump Station 1)	\$ -	0%	\$ -	Y											
WRE01	Reservoir	Whyanbeel Reservoir (3.5 ML)	\$ 1,113,817	0%	\$ 1,113,817			Y									
WRE02	Reservoir	Port Douglas Views Reservoir (1.0 ML)	\$ 355,430	0%	\$ 355,430			Y									
WRE03	Reservoir	Newell Reservoir (0.135 ML)	\$ 239,806	0%	\$ 239,806		Y										
WRE04	Reservoir	Cooya Reservoir 1 (1.8 ML)	\$ 224,074	0%	\$ 224,074	Y											
WRE05	Reservoir	Flagstaff Reservoir 3 (0.135 ML)	\$ 574,397	0%	\$ 574,397	Y											
WRE06	Reservoir	Flagstaff Reservoir 1 (0.45 ML)	\$ 224,364	0%	\$ 224,364	Y											
WRE07	Reservoir	Mowbray Reservoir 1 (0.28 ML)	\$ 168,532	0%	\$ 168,532	Y											
WRE08	Reservoir	Cassowary Reservoir (0.2 ML)	\$ 138,853	0%	\$ 138,853	Y											
WRE10	Reservoir	Mossman Reservoir 1 (1.75 ML)	\$ 492,771	0%	\$ 492,771	Y	Y										
WRE11	Reservoir	Mossman Reservoir 2 (5.0 ML)	\$ 1,914,761	0%	\$ 1,914,761	Y	Y										
WRE12	Reservoir	Flagstaff Reservoir 2 (2.2 ML)	\$ 121,127	0%	\$ 121,127	Y											
WRE13	Reservoir	Daintree Reservoir 2 (0.4 ML)	\$ 208,141	0%	\$ 208,141				Y								
WRE14	Reservoir	Craiglie Reservoir (10.1 ML)	\$ 1,363,810	0%	\$ 1,363,810	Y											
WRE15	Reservoir	Wonga Reservoir (2.0 ML)	\$ 532,789	0%	\$ 532,789			Y									
WRE16	Reservoir	Mowbray Reservoir 2 (0.08 ML)	\$ 91,412	0%	\$ 91,412	Y											
WRE17	Reservoir	Daintree Reservoir 3	\$ 285,733	0%	\$ 285,733				Y								
WRE18	Reservoir	Daintree Reservoir 1 (0.2 ML)	\$ 237,111	0%	\$ 237,111				Y								
WTPE01	Water Treatment Plant	Whyanbeel Water Treatment Plant	\$ 2,782,066	40%	\$ 1,669,240			Y	Y								
WTPE02	Water Treatment Plant	Daintree Water Treatment Plant	\$ 1,529,365	40%	\$ 917,619				Y								
WTPE03	Water Treatment Plant	Mossman Water Treatment Plant	\$ 9,183,749	40%	\$ 5,510,249	Y	Y										
PASSIVE ASSETS																	
ASSET ID	ASSET TYPE	DIA (MM)	LENGTH (M)	MATERIAL	UNIT RATE	TOTAL ASSET VALUE 2006											
WME001	Water Main	100	138	PVC	\$ 147	\$ 20,301		Y									
WME002	Water Main	75	291	AC	\$ 138	\$ 40,158		Y									

Council Existing Assets

Council Existing Assets							PORT DOUGLAS (W1)	MOSSMAN (W2)	WHYANBEEL (W3)	DAINTREE (W4)
WME003	Water Main	100	235	AC	\$	147	\$	34,561		Y
WME004	Water Main	100	176	AC	\$	147	\$	25,853		Y
WME005	Water Main	100	14	AC	\$	147	\$	2,093	Y	
WME006	Water Main	100	15	AC	\$	147	\$	2,218	Y	
WME007	Water Main	100	494	AC	\$	147	\$	72,594		Y
WME008	Water Main	100	83	AC	\$	147	\$	12,185		Y
WME009	Water Main	100	237	AC	\$	147	\$	34,874		Y
WME010	Water Main	100	474	AC	\$	147	\$	69,740		Y
WME011	Water Main	100	293	AC	\$	147	\$	43,046		Y
WME012	Water Main	150	10	AC	\$	185	\$	1,815	Y	
WME013	Water Main	150	20	AC	\$	185	\$	3,730	Y	
WME014	Water Main	150	35	AC	\$	185	\$	6,429	Y	
WME015	Water Main	150	0	AC	\$	185	\$		Y	
WME016	Water Main	150	20	AC	\$	185	\$	3,711	Y	
WME017	Water Main	150	13	AC	\$	185	\$	2,485	Y	
WME018	Water Main	200	260	AC	\$	241	\$	62,641	Y	Y
WME019	Water Main	200	3	AC	\$	241	\$	603	Y	
WME020	Water Main	200	321	AC	\$	241	\$	77,243	Y	
WME021	Water Main	200	643	AC	\$	241	\$	154,898	Y	
WME022	Water Main	225	36	PVC	\$	276	\$	9,917		Y
WME023	Water Main	225	60	AC	\$	276	\$	16,626	Y	
WME024	Water Main	225	13	AC	\$	276	\$	3,638		Y
WME025	Water Main	225	16	DICL	\$	276	\$	2,180		Y
WME026	Water Main	225	70	AC	\$	276	\$	19,207	Y	
WME027	Water Main	100	198	PVC	\$	147	\$	29,149		Y
WME028	Water Main	300	608	AC	\$	400	\$	243,376		Y
WME029	Water Main	300	29	AC	\$	400	\$	11,680	Y	
WME031	Water Main	300	244	AC	\$	400	\$	97,552	Y	
WME032	Water Main	300	35	DICL	\$	400	\$	14,124		Y
WME033	Water Main	300	3	AC	\$	400	\$	1,144	Y	
WME034	Water Main	300	400	AC	\$	400	\$	160,048	Y	
WME035	Water Main	300	14	DICL	\$	400	\$	5,664	Y	
WME036	Water Main	300	33	AC	\$	400	\$	13,260	Y	
WME037	Water Main	300	290	AC	\$	400	\$	115,992		Y
WME038	Water Main	375	4	AC	\$	560	\$	2,022	Y	
WME039	Water Main	375	1	AC	\$	560	\$	532	Y	
WME040	Water Main	450	426	DICL	\$	752	\$	320,698	Y	
WME041	Water Main	450	1289	DICL	\$	752	\$	969,674	Y	Y
WME042	Water Main	450	3	AC	\$	752	\$	2,264	Y	
WME043	Water Main	450	56	DICL	\$	752	\$	41,804	Y	
WME044	Water Main	450	34	HOBAS	\$	752	\$	25,703	Y	
WME045	Water Main	450	73	DICL	\$	752	\$	54,768	Y	
WME046	Water Main	450	858	DICL	\$	752	\$	644,848	Y	
WME047	Water Main	450	89	DICL	\$	752	\$	66,808	Y	
WME048	Water Main	450	432	DICL	\$	752	\$	324,676	Y	
WME049	Water Main	450	227	DICL	\$	752	\$	170,621	Y	
WME050	Water Main	450	130	DICL	\$	752	\$	97,625	Y	
WME051	Water Main	450	20	DICL	\$	752	\$	14,732	Y	
WME052	Water Main	450	463	DICL	\$	752	\$	348,003	Y	Y
WME053	Water Main	450	14	DICL	\$	752	\$	10,393	Y	
WME054	Water Main	450	631	DICL	\$	752	\$	474,384	Y	Y
WME055	Water Main	450	50	DICL	\$	752	\$	37,638	Y	Y
WME056	Water Main	450	174	DICL	\$	752	\$	130,600	Y	
WME057	Water Main	600	1	AC	\$	1,196	\$	1,196	Y	Y
WME058	Water Main	600	2	AC	\$	1,196	\$	1,949	Y	Y
WME059	Water Main	150	64	PVC	\$	185	\$	11,799	Y	
WME060	Water Main	300	1291	AC	\$	400	\$	516,572	Y	
WME061	Water Main	200	475	AC	\$	241	\$	114,395		Y
WME062	Water Main	300	476	AC	\$	400	\$	190,448		Y
WME063	Water Main	300	1462	DICL	\$	400	\$	584,976		Y
WME064	Water Main	300	210	DICL	\$	400	\$	84,184		Y
WME065	Water Main	150	217	AC	\$	185	\$	40,090	Y	
WME066	Water Main	100	307		\$	147	\$	45,167		Y
WME067	Water Main	75	35	AC	\$	138	\$	4,884		Y
WME068	Water Main	100	947	PVC	\$	147	\$	139,275		Y
WME069	Water Main	450	64	DICL	\$	752	\$	48,354	Y	
WME070	Water Main (Asset to be replaced & Augmented)	80	3762	AC	\$	138	\$	-	Y	
WME071	Water Main	150	1617	AC	\$	185	\$	299,217	Y	

Council Existing Assets

Council Existing Assets								PORT DOUGLAS (W1)	MOSSMAN (W2)	WHYANBEEL (W3)	DAINTREE (W4)
WME072	Water Main	150	1373	PVC	\$	185	\$	254,038	Y		
WME073	Water Main	300	61	AC	\$	400	\$	24,404		Y	
WME074	Water Main	100	122	AC	\$	147	\$	17,988			Y
WME075	Water Main	100	445	PVC	\$	147	\$	65,461	Y		
WME076	Water Main	150	262	AC	\$	185	\$	48,464			Y
WME077	Water Main	100	516	AC	\$	147	\$	75,884			Y
WME078	Water Main	100	918	AC	\$	147	\$	134,890			Y
WME079	Water Main	100	419	AC	\$	147	\$	61,625			Y
WME080	Water Main	100	596	AC	\$	147	\$	87,641			Y
WME081	Water Main	100	893	AC	\$	147	\$	131,271			Y
WME083	Water Main	150	527	AC	\$	185	\$	97,538		Y	
WME084	Water Main	150	686	AC	\$	185	\$	126,819		Y	
WME085	Water Main	150	882	AC	\$	185	\$	163,250		Y	
WME086	Water Main	150	210	AC	\$	185	\$	38,763		Y	
WME087	Water Main	225	1813	DICL	\$	276	\$	500,360		Y	
WME088	Water Main	225	1927	DICL	\$	276	\$	531,775		Y	
WME089	Water Main	225	2380	PVC	\$	276	\$	666,913		Y	
WME090	Water Main	225	1916	PVC	\$	276	\$	528,899		Y	
WME091	Water Main	150	164	AC	\$	185	\$	30,353		Y	
WME092	Water Main	150	683	AC	\$	185	\$	126,353		Y	
WME093	Water Main	150	81	AC	\$	185	\$	14,983		Y	
WME094	Water Main	150	1342	AC	\$	185	\$	248,313		Y	
WME095	Water Main	150	90	AC	\$	185	\$	16,733		Y	
WME096	Water Main	150	620	AC	\$	185	\$	114,694		Y	
WME097	Water Main	150	1380	AC	\$	185	\$	255,239		Y	
WME098	Water Main	150	920	AC	\$	185	\$	170,193		Y	
WME099	Water Main	225	1461	PVC	\$	276	\$	403,250		Y	
WME100	Water Main	225	1351	PVC	\$	276	\$	372,846		Y	
WME101	Water Main	225	2792	PVC	\$	276	\$	770,702		Y	
WME102	Water Main	225	242	DICL	\$	276	\$	66,922		Y	
WME103	Water Main	225	715	PVC	\$	276	\$	197,271		Y	
WME104	Water Main	225	453	PVC	\$	276	\$	124,896		Y	
WME105	Water Main	225	207	PVC	\$	276	\$	57,129		Y	
WME106	Water Main	225	1172	PVC	\$	276	\$	323,439		Y	
WME107	Water Main	100	888	AC	\$	147	\$	130,496		Y	
WME108	Water Main	100	1968	AC	\$	147	\$	289,247		Y	
WME109	Water Main	100	804	AC	\$	147	\$	118,134		Y	
WME110	Water Main	100	855	AC	\$	147	\$	125,734		Y	
WME111	Water Main	75	16	AC	\$	138	\$	2,189		Y	
WME112	Water Main	75	2000	AC	\$	138	\$	275,979		Y	
WME113	Water Main	100	1381	PVC	\$	147	\$	203,011		Y	
WME114	Water Main	225	2030	PVC	\$	276	\$	560,250		Y	
WME115	Water Main	225	487	PVC	\$	276	\$	134,442		Y	
WME116	Water Main	150	873	AC	\$	185	\$	161,825		Y	
WME117	Water Main	150	1178	AC	\$	185	\$	217,978		Y	
WME118	Water Main	150	1398	AC	\$	185	\$	258,704		Y	
WME119	Water Main	200	2123	AC	\$	241	\$	511,604	Y		
WME120	Water Main	150	1074	AC	\$	185	\$	198,720	Y		
WME121	Water Main	150	561	AC	\$	185	\$	103,741	Y		
WME122	Water Main	150	1431	AC	\$	185	\$	264,809	Y		
WME123	Water Main	450	511	DICL	\$	752	\$	384,377	Y	Y	
WME124	Water Main	450	1185	DICL	\$	752	\$	891,240	Y	Y	
WME125	Water Main	450	454	DICL	\$	752	\$	341,092	Y	Y	
WME126	Water Main	150	274	AC	\$	185	\$	50,631		Y	
WME127	Water Main	200	275	AC	\$	241	\$	66,159		Y	
WME128	Water Main	300	91	AC	\$	400	\$	36,328		Y	
WME129	Water Main	300	69	AC	\$	400	\$	27,524		Y	
WME130	Water Main	600	636	DICL	\$	1,196	\$	762,653	Y	Y	
WME131	Water Main	600	635	DICL	\$	1,196	\$	759,914	Y	Y	
WME132	Water Main	300	115	AC	\$	400	\$	46,044	Y	Y	
WME133	Water Main	200	877	AC	\$	241	\$	211,314	Y	Y	
WME134	Water Main	300	1589	AC	\$	400	\$	635,572	Y	Y	
WME135	Water Main	300	475	AC	\$	400	\$	190,168	Y	Y	
WME136	Water Main	525	1037	MS	\$	975	\$	1,011,407	Y	Y	
WME137	Water Main	300	306	AC	\$	400	\$	122,544	Y	Y	
WME138	Water Main	225	214	DICL	\$	276	\$	59,163	Y	Y	
WME139	Water Main	300	1471	AC	\$	400	\$	588,404	Y	Y	
WME140	Water Main	300	1359	AC	\$	400	\$	543,704	Y		
WME141	Water Main	300	111	AC	\$	400	\$	44,336	Y		

Council Existing Assets								PORT DOUGLAS (W1)	MOSSMAN (W2)	WHYANBEEL (W3)	DAINTREE (W4)
WME142	Water Main	300	1019	AC	\$	400	\$	407,412	Y		
WME143	Water Main	300	371	AC	\$	400	\$	148,588	Y		
WME144	Water Main	300	870	AC	\$	400	\$	347,980	Y		
WME145	Water Main	450	1606	DICL	\$	752	\$	1,207,862	Y	Y	
WME146	Water Main	450	2335	DICL	\$	752	\$	1,755,875	Y		
WME147	Water Main	450	909	DICL	\$	752	\$	683,395	Y		
WME148	Water Main	450	2454	DICL	\$	752	\$	1,845,731	Y		
WME149	Water Main	450	1939	DICL	\$	752	\$	1,458,188	Y		
WME150	Water Main	450	1071	DICL	\$	752	\$	805,550	Y		
WME151	Water Main	450	1610	DICL	\$	752	\$	1,210,743	Y		
WME152	Water Main	450	301	DICL	\$	752	\$	226,208	Y		
WME153	Water Main	450	983	DICL	\$	752	\$	739,584	Y		
WME154	Water Main	450	1596	DICL	\$	752	\$	1,200,500	Y		
WME155	Water Main	300	845	AC	\$	400	\$	338,088	Y		
WME156	Water Main	375	570	AC	\$	560	\$	319,133	Y		
WME157	Water Main	375	1168	AC	\$	560	\$	654,013	Y		
WME158	Water Main	375	686	AC	\$	560	\$	384,194	Y		
WME159	Water Main	375	1348	AC	\$	560	\$	754,863	Y		
WME160	Water Main	375	952	AC	\$	560	\$	533,047	Y		
WME161	Water Main	375	564	AC	\$	560	\$	315,566	Y		
WME162	Water Main	375	416	AC	\$	560	\$	233,167	Y		
WME163	Water Main	375	44	AC	\$	560	\$	24,534	Y		
WME164	Water Main	525	63	HOBAS	\$	975	\$	61,201	Y		
WME165	Water Main	450	144	HOBAS	\$	752	\$	108,521	Y		
WME165	Water Main	450	158	HOBAS	\$	752	\$	118,553	Y		
WME166	Water Main	450	132	HOBAS	\$	752	\$	99,084	Y		
WME167	Water Main	450	206	HOBAS	\$	752	\$	155,273	Y		
WME167	Water Main	450	27	HOBAS	\$	752	\$	20,131	Y		
WME168	Water Main	375	334	AC	\$	560	\$	187,298	Y		
WME169	Water Main	375	508	AC	\$	560	\$	284,581	Y		
WME170	Water Main	375	326	AC	\$	560	\$	182,762	Y		
WME171	Water Main	300	990	DICL	\$	400	\$	396,116	Y		
WME172	Water Main	300	426	DICL	\$	400	\$	170,244	Y		
WME173	Water Main	300	206	DICL	\$	400	\$	82,512	Y		
WME174	Water Main	300	142	DICL	\$	400	\$	56,800	Y		
WME175	Water Main	450	783	DICL	\$	752	\$	589,034	Y		
WME176	Water Main	100	410	AC	\$	147	\$	60,323	Y		
WME177	Water Main	300	21	AC	\$	400	\$	8,404	Y		
WME178	Water Main	375	174	AC	\$	560	\$	97,306	Y		
WME179	Water Main	375	263	AC	\$	560	\$	147,498	Y		
WME180	Water Main	375	122	AC	\$	560	\$	68,555	Y		
WME181	Water Main	300	336	AC	\$	400	\$	134,252	Y		
WME182	Water Main	300	710	AC	\$	400	\$	284,184	Y		
WME183	Water Main	300	1320	AC	\$	400	\$	528,104	Y		
WME184	Water Main	300	632	AC	\$	400	\$	252,652	Y		
WME185	Water Main	300	164	AC	\$	400	\$	65,796	Y		
WME186	Water Main	75	1961	AC	\$	138	\$	270,637	Y		
WME187	Water Main	75	929	AC	\$	138	\$	128,270	Y		
WME188	Water Main	75	1963	AC	\$	138	\$	270,916	Y		
WME189	Water Main	75	1358	AC	\$	138	\$	187,403	Y		
WME190	Water Main	450	929	DICL	\$	752	\$	688,939	Y	Y	
WME191	Water Main	50	321	PVC	\$	136	\$	43,678			Y
WME192	Water Main	50	3	PVC	\$	136	\$	415			Y
TOTAL							\$	62,876,739			

Douglas Shire Council (Douglas)

Water Supply Network

Council Future Assets											Asset Allocation					
											2006	2011	2016	2021		
Projected Demands (EDU)											2006	4,763	1,944	466	45	
											2011	5,267	2,025	549	62	
											2016	6,049	2,120	637	72	
											2021	6,837	2,222	723	83	
											2026	7,592	2,327	804	97	
											2031	8,137	2,488	896	114	
											2036	8,684	2,649	985	132	
											2041	9,242	2,794	1,077	146	
											2046	9,772	2,954	1,172	162	
											2051	10,078	3,134	1,259	180	
2056	10,217	3,330	1,339	200												
											PORT DOUGLAS (W1)	MOSSMAN (W2)	WHYANBEEL (W3)	DAINTREE (W4)		
ASSET ID	ASSET TYPE	ASSET DESCRIPTION			ESTIMATED ASSET UNIT VALUE	SUBSIDY	ASSET VALUE (LESS SUBSIDY)	ESTIMATED YEAR OF CONSTRUCTION	CONTINGENCY COST < 5 YEARS - 10%, 5-10 YEARS - 15%, > 10 YEARS - 20%	PROJECT MANAGEMENT & DESIGN COST - 7.5% (EXCLUDING LAND)	TOTAL ESTIMATED COST					
ACTIVE ASSETS																
WIF01	Raw Water Intake	Mossman Intake 2			\$ 853,415	0%	\$ 853,415	2011	\$ 128,012	\$ 64,006	\$ 1,045,433	Y	Y			
WRF01	Reservoir	Cooya Reservoir 2 (1.8 ML)			\$ 224,074	0%	\$ 224,074	2009	\$ 22,407	\$ 16,806	\$ 263,287	Y				
WRF02	Reservoir	Future Reservoir (10.6 ML)			\$ 2,457,219	0%	\$ 2,457,219	2011	\$ 368,583	\$ 184,291	\$ 3,010,093	Y				
WRF03	Reservoir	Wonga Beach (1.3 ML)			\$ 346,917	0%	\$ 346,917	2014	\$ 52,038	\$ 26,019	\$ 424,973			Y		
WRF04	Reservoir	Mossman Reservoir (3.3 ML)			\$ 1,110,133	0%	\$ 1,110,133	2031	\$ 222,027	\$ 83,260	\$ 1,415,420		Y			
PASSIVE ASSETS																
ASSET ID	ASSET TYPE	DIA (MM)	LENGTH (M)	MATERIAL	ASSET UNIT RATE	ESTIMATED ASSET VALUE	SUBSIDY	ASSET VALUE (LESS SUBSIDY)	ESTIMATED YEAR OF CONSTRUCTION	CONTINGENCY COST < 5 YEARS - 10%, 5-10 YEARS - 15%, > 10 YEARS - 20%	TOTAL ESTIMATED COST					
WMF01	Water Main	225	1833	POLY	276	\$ 505,914	0%	\$ 505,914	2011	\$ 75,887	\$ 581,801	Y				
WMF02	Water Main	225	446	AC	276	\$ 122,975	0%	\$ 122,975	2011	\$ 18,446	\$ 141,421	Y				
WMF03	Water Main	225	1941	POLY	276	\$ 535,774	0%	\$ 535,774	2012	\$ 80,366	\$ 616,140	Y				
WMF04	Water Main	450	970	POLY	752	\$ 729,417	0%	\$ 729,417	2011	\$ 109,413	\$ 838,830	Y	Y			
WMF05	Water Main	225	203	UPVC	276	\$ 56,036	0%	\$ 56,036	2011	\$ 8,405	\$ 64,442	Y				
WMF06	Water Main	225	1132	PVC	276	\$ 312,333	0%	\$ 312,333	2011	\$ 46,850	\$ 359,183	Y				
WMF07	Water Main	150	4715	UPVC	185	\$ 872,332	0%	\$ 872,332	2011	\$ 130,850	\$ 1,003,182	Y				
WMF08	Water Main	225	3604	PVC	276	\$ 994,803	0%	\$ 994,803	2011	\$ 149,221	\$ 1,144,024		Y			
WMF09	Water Main	300	3	DICL	400	\$ 1,196	0%	\$ 1,196	2056	\$ 239	\$ 1,435			Y		
WMF10	Water Main	450	2717	POLY	752	\$ 2,043,101	0%	\$ 2,043,101	2056	\$ 408,620	\$ 2,451,722			Y		
WMF11	Water Main	450	5246	POLY	752	\$ 3,944,624	0%	\$ 3,944,624	2031	\$ 788,925	\$ 4,733,548			Y		
WMF12	Water Main	225	215	PVC	276	\$ 59,426	0%	\$ 59,426	2014	\$ 8,914	\$ 68,339			Y		
WMF13	Water Main	225	202	POLY	276	\$ 55,865	0%	\$ 55,865	2011	\$ 8,380	\$ 64,245			Y		
WMF14	Water Main	225	1597	PVC	276	\$ 440,783	0%	\$ 440,783	2011	\$ 66,117	\$ 506,900			Y		
WMF15	Water Main	225	299.45	PVC	276	\$ 82,648	0%	\$ 82,648	2011	\$ 12,397	\$ 95,045			Y		
TOTAL						\$ 15,748,985		\$ 15,748,985		\$ 2,706,097	\$ 374,382	\$ 18,829,463				