

BOWEN ISLAND MUNICIPALITY 2010 FIVE YEAR FINANCIAL PLAN - DETAIL			2009 Budget	2009 Projected Actual	2010 Proposed Budget	2011 Proposed Budget	2012 Proposed Budget	2013 Proposed Budget	2014 Proposed Budget
<b>WATER SYSTEM - Blue Water Park</b>									
<b>Summary</b>									
<b>Revenue</b>			67,498	67,118	71,670	72,464	71,041	70,863	71,026
Transfers from Reserve (to Fund Ops/Cap)			95,801	-	30,000	87,989	35,000	-	-
<b>Expense</b>									
Administration			(13,112)	(13,691)	(14,755)	(14,204)	(14,415)	(14,631)	(14,851)
Operations			(32,992)	(38,007)	(34,948)	(32,043)	(32,635)	(33,125)	(33,623)
Contributions to Capital Expense			(95,801)	-	(30,000)	(75,000)	(35,000)	-	-
<i>Trans to BIM - for Share of Capital &amp; Equip Rpl</i>					(4,970)	(994)	(994)	(994)	(994)
Savings for future works (Reserves -including budgeted contingency)			(21,394)	(15,420)	(16,997)	(38,212)	(22,997)	(22,113)	(21,558)
Surplus / (Deficit)			-	-	-	-	-	-	-
<b>2009 Operating Results</b>			<b>Surplus \$ -</b>						
User Fees - over budget - budget calc error									
Transfer in from Savings budgeted to fund capital works planned not required - as works were not initiated									
Expense Admin. Ops			Slightly over budget - due to redistribution of Administrative Costs to include prorated share of King Edward Bay Water						
Fiscal Services			Slightly over budget - due to redistribution of Operating expwne to included prorated share of King Edward Bay Water - actual expense greater than expected. Emergency works required in the KEB system due to electrical storm damage to pump panel and a chlorine pump required repair.						
			Savings slightly under budget due to extra expenses discussed above. Full amount budgeted contributed to reserve for shared projects						
<b>2010 Five Year Financial Plan Notes for 2010 to 1014:</b>									
The amalgamation of King Edward Bay and Blue Water Park Water Systems was completed in late 2008. While both systems remain distinct Local Area Services many of the operating costs are to be shared. Each system will be allocated a portion of the shared actual costs on the basis of proportionate number of connections. Having now completed one full year of combined operation we have more confidence in preparing the budget for 2010 and beyond.									
<b>Revenue: A planned increase in rates is to be implemented in 2010</b>									
			<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	
<b>USER RATES:</b>									
Connected Properties			\$ -	\$ 30.00	\$ -	\$ -	\$ -	\$ -	\$ -
number of properties			140	140	140	140	140	140	140
Annual Rate			350.00	380.00	380.00	380.00	380.00	380.00	380.00
Capital Charge			100.00	100.00	100.00	100.00	100.00	100.00	100.00
			450.00	480.00	480.00	480.00	480.00	480.00	480.00
Non-connected			\$ -	\$ 15.00	\$ -	\$ -	\$ -	\$ -	\$ -
number of properties			12	12	12	12	12	12	12
Annual Rate			175.00	190.00	190.00	190.00	190.00	190.00	190.00
Capital Charge			100.00	100.00	100.00	100.00	100.00	100.00	100.00
			275.00	290.00	290.00	290.00	290.00	290.00	290.00

Blue water Park Water

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<b>WATER SYSTEM - Blue Water Park</b>								
<b>Expenses</b>	<i>2010 Change in service delivery incorporated into this budget. Beginning May 1, 2010 Bowen Island Municipality will assume in-house provision of the labour component of routine operations - formerly provided by contract.</i>							
<b>NOTE</b>	Budget is calculated on the expected costs of Blue Water Park and King Edward Bay Water System apportioned on the number of connections							
<b>Admin</b>	Increase in allocated salary and associated costs - due to increased BIM costs due to increased employee training, vehicle ops & maintenance this increase in overall administration will be offset in future years as additional liability insurance will no longer be required.							
<b>Operation:</b>	An decrease in the routine operations and maintenance have been budgeted. This is primarily due to the expected decrease in costs resulting from the change to municipally supplied service delivery for 2/3 of the year in 2010; and further reductions for the full year service change beginning in 2011. Overall however is a slight increase in operations and maintenance is expected and is based on a full year of experience in the combined operations.							
<b>Fiscal</b>	The contingency is budgeted at approximately 5% of Operations and contributions to savings for future works is less to accommodate a higher level of capital expense in 2010. In 2010 a one time contribution to BIM for Blue Water Parks Share of purchasing vehicles and a computer system has been included; thereafter an annual contribution of Blue Water Park's share of the periodic replacement of the equipment has been budgeted. Savings toward future works has been budgeted and is allocated on the basis of 80% toward Blue Water Park Reserves and 20% to a Blue Water Park reserve for shared projects (with King Edward Bay Water System).							
<b>Capital</b>	See page 8 for works planned (all funded from savings in reserves & surpluses)							

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<b>WATER SYSTEM - Blue Water Park</b>								
<b>Savings (Reserves and Surpluses):</b>								
<b>Projected Surplus &amp; Reserve account balances</b>								
		2009 Budget	2009 Projected	2010 Budget	2011 Budget	2012 Budget	2013 Budget	2014 Budget
<b>Projected balance Surplus :</b>	Opening bal	39,958	39,135	39,135	40,882	29,495	31,127	32,783
	additions	1,650	-	1,747	1,602	1,632	1,656	1,681
	withdrawals	-	-	-	(12,989)	-	-	-
	Closing Bal	41,608	39,135	40,882	29,495	31,127	32,783	34,464
	<i>Working Capital Target</i>	33,749		35,835	36,232	35,521	35,432	35,513
		2009 Budget	2009 Projected	2010 Budget	2011 Budget	2012 Budget	2013 Budget	2014 Budget
<b>Projected balance Capital Works Reserve account:</b>	Opening bal	84,117	71,957	71,957	54,158	8,349	(9,889)	6,012
	Planned Add per cap chg	15,795	11,471	12,201	29,191	16,762	15,901	15,310
	withdrawals	(90,000)	-	(30,000)	(75,000)	(35,000)	-	-
	Closing bal	9,912	71,957	54,158	8,349	(9,889)	6,012	21,322
		2009 Budget	2009 Projected	2010 Budget	2011 Budget	2012 Budget	2013 Budget	2014 Budget
<b>BWP Reserve for Shared Projects (KEB)</b>	Opening bal	3,040	3,040	6,989	10,038	17,457	22,060	26,616
	Planned Add per cap chg	3,949	3,949	3,049	7,419	4,603	4,556	4,567
	withdrawals	(5,801)	-	-	-	-	-	-
	Closing bal	1,188	6,989	10,038	17,457	22,060	26,616	31,183

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<b>WATER SYSTEM - Blue Water Park</b>										
	<b>Taxation</b>									
2610011000	Taxes (Advalorem)									
	<b>Total Taxation Water</b>									
	<b>Parcel Taxes</b>									
2610012002	Parcel Tax									
2610012003	Parcel Tax									
	<b>Total Parcel Taxes</b>									
2610040001	<b>Water Rates</b>		65,550	66,300	70,680	70,680	70,680	70,680	70,680	70,680
2610040003	Tolls & Fines		266	-	270	274	278	282	286	286
2610040002	<b>Connection fees</b>									
2610050089	Return on in		1,682	818	720	542	83	(99)	60	60
2610050001	Miscellaneous revenue					968				
	<b>Grants</b>									
2610070001	<b>Transfers</b>									
2610070001	Transfer from Surplus (for Capital)					12,989				
2610070001	Transfer from Surplus (for Operations)									
2610070001	Transfer from Reserve of Surplus for Shared projects KEB		5,801		-	-	-	-	-	-
2610070001	Transfer from Surplus /Cap Wkrs Reserve of Surplus		90,000		30,000	75,000	35,000	-	-	-
	Transfer from BIM General Revenue Fund									
	<b>Total Water Revenue</b>		<b>163,299</b>	<b>67,118</b>	<b>101,670</b>	<b>160,453</b>	<b>106,041</b>	<b>70,863</b>	<b>71,026</b>	

Planned Increase of \$30 / \$15 to \$480 / \$290 Annually

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<b>WATER SYSTEM - Blue Water Park</b>				<b>Budget</b>	<b>Projected Actual</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>
<b>EXPENDITURES</b>										
<b>Water Administration</b>										
2620110599	PW & Clerical Salary & Costs Pro-rata		shared	9,697	9,697	10,775	10,937	11,101	11,268	11,437
2620110211	Travel					-	-	-	-	-
2620110212	Postage/Courier		shared	500	551	550	558	566	574	583
2620110213	Telephone & SCADA Monitoring		shared	350	730	730	741	752	763	774
2620110221	Education/Promotion/information		shared	300	181	180	183	186	189	192
2620110230	Contract Services - Engineering			-		-	-	-	-	-
2620110232	Legal			-		-	-	-	-	-
2620110233	Contract Services - Admin (meter readers)		shared	1,000	743	740	751	762	773	785
2620110235	Consultants		shared	-		-	-	-	-	-
2620110238	Licences & Insurance		shared	-	364	360	365	370	376	382
2620110238	VCHA Permit Fee		shared	150	150	150	152	154	156	158
2620110238	Provincial Water license fees		shared	50	59	60	61	62	63	64
2620110238	BRS Water Liability Insurance		shared	765	764	760	-	-	-	-
2620110238	Property Insurance		shared	300	234	230	233	236	240	244
2620110500	Office Supplies					-	-	-	-	-
2620110501	Photocopying and Printing				218	220	223	226	229	232
2620110590	Miscellaneous					-	-	-	-	-
2620110591	Water System Documentation - Planning Study					-	-	-	-	-
2620110592	Capital Improvement Study					-	-	-	-	-
2620110594	Geo Tech Study					-	-	-	-	-
						-	-	-	-	-
<b>Total Water Administration</b>				<b>13,112</b>	<b>13,691</b>	<b>14,755</b>	<b>14,204</b>	<b>14,415</b>	<b>14,631</b>	<b>14,851</b>

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<b>WATER SYSTEM - Blue Water Park</b>				<b>Budget</b>	<b>Projected Actual</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>	<b>Proposed Budget</b>
	<b>Water Operations</b>									
2620381235	<b>Routine Operations &amp; Maintenance (KEB BB - effect on ops)</b>		shared	22,116	26,122	23,198	21,636	22,069	22,400	22,736
			shared			-	-	-	-	-
	<b>Pumping Stations</b>									
2620381235	Routine Op & Maintenance Contract					-	-	-	-	-
2620381236	Extra			500	2,152	500	508	516	524	532
2620381500	Materials & Supplies		shared	200	43	200	203	206	209	212
2620381550	Utilities		shared	1,500	880	1,500	1,523	1,546	1,569	1,593
2620381590	Miscellaneous		shared	-	357	-	-	-	-	-
	<b>Service of Supply</b>									
2620382235	Routine Op & Maintenance Contract			-		-	-	-	-	-
2620382236	Extra			2,000		-	-	-	-	-
2620382236	Raw Water					500				
2620382500	Materials & Supplies		shared	500		500	508	516	524	532
2620382550	Utilities		shared		2,063	2,100	2,132	2,164	2,196	2,229
2620382590	Miscellaneous		shared	200	529	500	508	516	524	532
	<b>Purification &amp; Treatment</b>									
2620383235	Routine Op & Maintenance Contract		shared	-		-	-	-	-	-
2620383236	Extra			1,000	1,153	1,150	1,167	1,185	1,203	1,221
2620383236	THMS					300	305	310	315	320
2620383500	Materials & Supplies		shared	938	1,687	500	508	516	524	532
2620383590	Miscellaneous		shared	538	667	-	-	-	-	-
2620383590	Utilities		shared	150		-	-	-	-	-
	<b>Transmission &amp; Distribution</b>									
2620384235	Routine Op & Maintenance Contract			-		-	-	-	-	-
2620384236	Extra			3,000	774	3,000	3,045	3,091	3,137	3,184
2620384500	Materials & Supplies			-	1,420	-	-	-	-	-
	Hydrants Materials & Supplies					1,000				
2620384550	Utilities					-	-	-	-	-
2620384590	Miscellaneous			350	160	-	-	-	-	-
				-		-	-	-	-	-
	<b>Demolish old building</b>									
				-		-	-	-	-	-
				-		-	-	-	-	-
				-		-	-	-	-	-
	<b>Total Operations</b>			32,992	38,007	34,948	32,043	32,635	33,125	33,623



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WATER SYSTEM - Blue Water Park				Budget	Projected Actual	Proposed Budget	Proposed Budget	Proposed Budget	Proposed Budget	Proposed Budget
<b>CAPITAL</b>	(27)									
<b>Funding Sources</b>										
Operations	(Trans from General Revenue Fund - interna	2711700001								
	(Prior Year Surplus)		2711700001							
	(Capital Works Reserve account)		2711700001	90,000	-	30,000	75,000	35,000		
	(Reserve for Shared Projects)		2711700001	5,801	-	-	-	-		
Grants - Provincial Infrastructure - Phase 1 of Grant Application										
Reserve Fund										
Debt										
				95,801	-	30,000	75,000	35,000	-	-
<b>Expenditures</b>										
	Chlorinator back up system									
2721720002	<b>50,000 Gallon Steel Tank</b>									
	Replace Liner in Reservoir									
2721720001	<b>Well project</b>									
	New Pump					10,000				
	KEB Connection - pipe									
	Replace Windjammer Watermain			75,000	-		75,000			
2721720004	SCADA					5,000				
	Groundwater Monitors (2 Wells)									
2721720005	Re & Re Chlorination Shed & Well Shed			15,000	-	15,000				
	Replace Captain's Way Watermain							35,000		
<b>Shared Capital Projects</b>										
2721720050	Groundwater Monitors (2Wells)	2500		1,934	-					
2721720051	Well Pump Replacement	5000		3,867	-					
	SCADA	5000								
				95,801	-	30,000	75,000	35,000	-	-

2009 Capital Projects were to be returned to LAC before proceeding // works not initiated