Financial Statements of

BARBADOS WATER AUTHORITY

March 31, 2011

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KPMG

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P.O. Box 690C Bridgetown, Barbados

INDEPENDENT AUDITORS' REPORT

To the Board of Directors of Barbados Water Authority

We have audited the accompanying financial statements of Barbados Water Authority (the "Authority"), which comprise the statement of financial position as at March 31, 2011, the statements of changes in equity, revenue and expenses, and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory notes.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with International Financial Reporting Standards and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with International Standards on Auditing. Those standards require that we comply with relevant ethical requirements and plan and perform the audit to obtain reasonable assurance whether the financial statements are free of material misstatement.



Independent Auditors' Report To the Board of Directors of Barbados Water Authority, continued

Auditors' Responsibility, continued

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting principles used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Opinion

In our opinion, the financial statements present fairly, in all material respects, the financial position of the Authority as at March 31, 2011 and its financial performance and its cash flows for the year then ended in accordance with International Financial Reporting Standards.

Emphasis of Matter

Without qualifying our opinion, we draw attention to Note 2 in the financial statements. As of March 31, 2011 the Authority had an accumulated deficit of \$178,780,205. These factors, as set forth in Note 2, raise substantial doubt that the Authority will be able to continue as a going concern.

Chartered Accountants Bridgetown, Barbados October 19, 2016

Statement of Financial Position

As at March 31, 2011 with comparative figures for 2010

(Expressed in Barbados dollars)

	<u>Notes</u>	<u>2011</u>	<u>2010</u>
Assets			
Plant, equipment and property	4	\$ 462,154,864	447,889,582
Less accumulated depreciation	4	<u>(183,810,835</u>)	<u>(174,026,656</u>)
Net plant, equipment and property		278,344,029	<u>273,862,926</u>
Other	8	538,227	539,359
Current Assets:			
Cash and term deposits	5	37,799,081	49,877,400
Prepaid expenses	_	584,444	454,711
Customers' accounts receivable	6	14,618,200	15,673,274
Work-in-progress - private developments	-	70,234	49,410
Inventories	7 8	7,897,837	7,059,796
Other	0	4,009,129	4.767,761
Total current assets		<u>64,978,925</u>	<u>77,882,352</u>
Total Assets		\$ <u>343,861,181</u>	<u>352,284,637</u>
Owner's Equity and Liabilities			
Owner's Equity:		127	
Government of Barbados	17	\$ 210,116,182	213,665,047
Deficit		(178,780,205)	(184,711,510)
Reserve - Asset valuation	4	70,653,966	<u>70,653,966</u>
Total owner's equity		101,989,943	<u>99,607,503</u>
Liabilities			
Long-term liabilities:	10	156 624 602	165,336,620
Long-term loans	13	156,634,692 56,959,410	58,542,384
Employee benefits	13	30,939,410	30,342,364
Current Liabilities:	5	183,185	
Bank overdraft Accounts payable	5	11,080,321	11,885,303
Customers' deposits	9	3,507,971	3,626,441
Other	Ů	4,215,268	3,993,830
Salaries and wages		588,463	590,628
Current portion of long-term loans		8,701,928	8,701,928
Total current liabilities		28,277,136	28,798,130
Commitments	18		
Total Owner's Equity and Liabilities		\$ <u>343,861,181</u>	352,284,637
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Approved on behalf of the Board:

See accompanying notes to financial statements.

Chairman

General Manager

Financial Controller

Statement of Changes in Equity

For the year ended March 31, 2011 with comparative figures for 2010

(Expressed in Barbados dollars)

7 3	Notes		Government of Barbados	<u>Deficit</u>	Fair Value <u>Reserve</u>	<u>Total</u>
Balance at March 31, 2009		\$	211,666,297	(195,310,737)	70,653,966	87,009,526
Contribution	17		1,998,750	-	-	1,998,750
Net income for the year				10,599,227		10,599,227
Balance at March 31, 2010			213,665,047	(184,711,510)	70,653,966	99,607,503
Contribution	17		(3,548,865)	-	-	(3,548,865)
Net income for the year			•	<u>5,931,305</u>		5,931,305
Balance at March 31, 2011		\$ _	210,116,182	<u>(178,780,205</u>)	70,653,966	<u>101,989,943</u>

See accompanying notes to financial statements.

Statement of Revenue and Expenses

For the year ended March 31, 2011 with comparative figures for 2010

(Expressed in Barbados dollars)

Operating Revenues:	<u>Notes</u>	<u>2011</u>	<u>2010</u>
Sale of water		\$ 113,445,409	110,157,995
Private developments and plumbing (net)	11	(395,768)	537,708
Sewerage		4,653,031	4,641,866
Total operating revenues		117,702,672	115,337,569
Operating Expenses:			
Operations and maintenance		53,703,921	55,057,527
Commercial		3,706,086	3,635,993
Administrative Sewerage		19,898,246	20,855,816
Depreciation and amortization	12	6,263,809	5,389,508
Depreciation and amortization	12	<u>9,784,179</u>	<u>9,640,801</u>
Total operating expenses		93,356,241	94,579,645
Operating income		24,346,431	20,757,924
Interest expense		(9,113,191)	(9,174,347)
Pension expense	13	(9,481,991)	(9,768,470)
Interest income		84,981	94,814
Other income (loss)		95,075	<u>(47,718</u>)
Income before government grant and corporation tax		5,931,305	1,862,203
Government grant	14		8,737,024
Income before corporation tax		5,931,305	10,599,227
Corporation tax	15		
Net income for the year		\$ <u>5,931,305</u>	10,599,227

See accompanying notes to financial statements

Statement of Cash Flows

For the year ended March 31, 2011 with comparative figures for 2010

(Expressed in Barbados dollars)

				_
	<u>Notes</u>	<u>2011</u>	2010	
Cash Flow from Operating Activities:				
Income before corporation tax Adjustments for:	\$	5,931,305	10,599,227	
Depreciation and amortization	12	9,784,179	9,640,801	
Interest expense		9,113,191	9,174,347	
Interest income Government contribution	14	(84,981)	(94,814) (8,737,024)	
Operating income before working capital changes	1-	24,743,694	20,582,537	
Decrease (increase) in customers' accounts receivable		1,055,074	(789,559)	
Increase in prepaid expenses		(129,733)	(177,522)	
(Increase) decrease in work-in-progress - private developments		(20,824)	36	
(Increase) decrease in inventories		(838,041)	2,028,154	
Decrease in other assets (Decrease) increase in employee benefits		760,398	27,263,917	
Decrease in accounts payable	-94	(1,582,974) (804,982)	4,970,407	
(Decrease) increase in customers' deposits		(118,470)	(8,144,166) 27,115	
Decrease in salaries and wages liabilities		(2,165)	(44,409)	
Increase (decrease) in other liabilities		<u>221,438</u>	(4,404,441)	
Cash from operating activities		23,283,415	41,312,069	
Interest paid		(9,113,191)	<u>(9,174,347</u>)	
Net cash from operations		14,170,224	32,137,722	
Cash Flows from Investing Activities:				
Additions to plant, equipment and property - net	4	(14,265,282)	(12,240,301)	
Interest received		<u>84,347</u>	<u>124,627</u>	
Net cash used in investing activities		(14,180,935)	(12,115,674)	
Cash Flows from Financing Activities:				
Payment of long-term loans Government contribution		(8,701,928)	-	
		(3,548,865)	10,735,774	
Net cash (used in) from financing activities		(12,250,793)	<u>10,735,774</u>	
(Decrease) increase in cash during the year		(12,261,504)	30,757,822	
Cash and cash equivalents beginning of year		49,877,400	<u>19,119,578</u>	
Cash and cash equivalents end of year	\$	<u>37,615,896</u>	49,877,400	
Cash and cash equivalents comprise:	_			
Bank overdraft Cash on hand and at bank	\$	(183,185)	46 004 004	
Fixed deposits		34,879,268 2,919,813	46,981,934 2,895,466	
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See accompanying notes to financial statements	\$	<u>37,615,896</u>	49,877,400	

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

1. General

The Barbados Water Authority ("the Authority") was established by the Barbados Water Authority Act 1980-42 to take over the functions, rights and liabilities of the Waterworks Department on the "appointed day". The "appointed day" is regarded as April 1, 1981. The registered office of the Authority is located at The Pine, St. Michael.

The financial statements were approved for issuance by the Board of Directors on October 19, 2016.

2. Going Concern

These financial statements have been prepared on the basis of accounting principles applicable to a "going concern" which assumes that the Authority will continue in operation for the foreseeable future and will be able to realise its assets and discharge its liabilities in the normal course of operations.

As at March 31, 2011, the Authority had an accumulated deficit of \$178,780,205 (2010: \$184,711,510) arising out of losses incurred over several years. The Authority's operating results and financial position raise significant doubt about its ability to continue its operations in the foreseeable future.

These financial statements do not reflect adjustments that would be necessary if the "going concern" assumption were not appropriate because management believes that the actions already taken or planned will mitigate the adverse conditions and events which raise doubt about the validity of the "going concern" assumption used in preparing these financial statements.

If the "going concern" assumption were not appropriate for these financial statements, then adjustments would be required to the carrying values of assets and liabilities and the reported revenue and expenses and the statement of financial position classifications used.

3. Significant Accounting Policies

(a) Statement of compliance

These financial statements are stated in Barbados dollars and are prepared in conformity with International Financial Reporting Standards (IFRS) approved by the International Accounting Standards Board (IASB). Significant accounting policies adopted by the Authority are as follows:

(b) Basis of measurement

The measurement basis used is historical cost accounting as modified by the accounting for investments as detailed in note 3(m).

(c) Functional and presentation currency

The financial statements are presented in Barbados dollars which is the Authority's functional currency.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

3. Significant Accounting Policies, continued

(d) Use of estimates and judgements

The preparation of financial statements in conformity with IFRSs requires management to make judgements, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimates are revised and in any future periods affected. Information about significant areas of estimation uncertainty and critical judgements in applying accounting policies that have the most significant effect on the amounts recognised in the financial statements is included in the following notes:

Note 13 - Employee Benefits

(e) Inventories

Inventories are valued at the lower of cost and net realizable value. In general, cost is determined, on an average cost basis.

- (f) Work-in-progress private developments
 Work-in-progress consists of materials and labour at cost plus recognised profit on contracts in progress.
- (g) Recognition of revenue private developments

 Revenue is recognized on the percentage of completion method of accounting. Under this method, the degree of completion is generally determined by comparing the costs incurred to date to the total cost anticipated for the entire contract.
- (h) Plant, equipment and property

Property, plant and equipment are measured at cost less accumulated depreciation and accumulated impairment losses. The Authority revalued its fixed property, plant and equipment as at January 1, 2007 based on an asset valuation study conducted by PricewaterhouseCoopers and the revalued amounts became the "deemed" cost for depreciation purposes. Subsequent to January 1, 2007 property, plant and equipment are being depreciated on a straight line basis over the remaining useful life of the assets.

The Authority defines capital assets as assets with an initial, individual cost of more than \$500 and estimated useful life in excess of one year. Such assets are recorded at historical cost and software is capitalized when acquired.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

3. Significant Accounting Policies, continued

(h) Plant, equipment and property, continued
Depreciation is provided on the straight-line basis at the following annual rates:

Water System

Structures improvements and buildings	2% - 10%
Potable water distribution network	2% - 15%
Transportation equipment	6.66%
Computer equipment	25% - 33%
Other	2% - 15%

Sewerage System

Bridgetown Sewerage Treatment Plant	2% - 15%
South Coast Sewerage Treatment Plant	2% - 15%

Depreciation methods, useful lives and residual values are reviewed at each reporting date and adjusted if appropriate.

(i) Allowance for doubtful accounts

The Authority establishes an allowance for impairment that represents its estimate of incurred losses in respect of trade and other receivables. The main components of this allowance are a specific loss component that relates to individually significant exposures and a collective loss component established for groups of similar assets in respect of losses that have been incurred but not yet identified. The collective loss allowance is determined based on historical data of payment statistics.

(i) Taxation

Corporation tax in the statement of revenue and expenses for the year comprises current and deferred tax. Corporation tax is recognised in the statement of revenue and expenses except to the extent that it relates to items recognised directly to equity, in which case it is recognised in owner's deficit.

Current tax is the expected tax payable on the taxable income for the year, using tax rates enacted or substantially enacted at the statement of financial position date, and any adjustments to tax payable in respect of previous years.

Deferred tax is provided for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. The following temporary differences are not provided for: the initial recognition of assets and liabilities that affect neither the accounting nor taxable income. The amount of deferred tax provided is based on the expected manner of realisation of settlement of the carrying amount of assets and liabilities, using tax rates enacted or substantially enacted at the statement of financial position date.

The tax value of losses expected to be available for utilisation against future taxable income is set off against the deferred tax liability within the legal unit and jurisdiction. The deferred tax asset arising from unused tax losses or tax credit is established to the extent that the Authority has sufficient taxable profit against which the unused tax losses or unused tax credit can be utilised by the Authority. Net deferred tax assets are reduced to the extent that it is no longer probable that the related tax benefit will be realised.

Deferred tax is calculated on the basis of the tax rates that are expected to apply to the period when the asset is realised or the liability is settled. The effect on the deferred tax of any changes in tax rates is charged to the statement of revenue and expenses, except to the extent that it relates to items previously charged or credited to equity.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

3. Significant Accounting Policies, continued

(k) Employee benefits

The Authority contributes to a defined benefit pension plan. The recognised amount in the statement of financial position is determined as the present value of the defined benefit obligation adjusted for the unrecognised actuarial gains or losses less any past service costs not yet recognised and the fair value of any plan assets. Where this calculation results in a net surplus, the recognised asset does not exceed the net total of any unrecognised actuarial losses and past service costs and the present value of any future refunds from the plan or reductions in future contributions to the plan.

The recognition of actuarial gains and losses is determined separately for each defined benefit plan. Unrecognised actuarial gains or losses are recognised in income over five years, following the year in which they arose.

Past service costs are recognised as an expense on a straight-line basis over the average period until the benefits become vested. To the extent that the benefits are already vested following the introduction of, or changes to, a defined benefit plan, past service costs are recognised as an expense immediately.

The present value of the defined benefit obligations and the related service costs are calculated by a qualified actuary using the projected unit credit method. The amount charged to the statement of revenue and expenses consists of current service cost, interest cost, the expected return on any plan assets and actuarial gains and losses (see note 13).

(I) Impairment of assets

The recoverability of assets is based on factors such as future asset utilization, current market value, business climate and the future undiscounted cash flows expected to result from the use of the related assets. The Authority's policy is to record an impairment loss in the period when it is determined that the carrying amount of the assets will not be recoverable. At that time, the carrying amount is written down to fair market value.

(m) Investments

Investments held-for-trading are classified as current assets and are stated at fair value, with any resultant gain or loss recognised in the statement of revenue and expenses. Where the Authority has the positive intent and ability to hold government bonds to maturity, they are stated at amortised cost less impairment losses. Other investments held by the Authority are classified as being available-for-sale and are stated at fair value, with any resultant gain or loss being recognised directly in equity.

The fair value of investments held-for-trading and investments available-for-sale is their quoted bid price at the statement of financial position date.

Investments held-for-trading and available-for-sale investments are recognised/derecognised by the Authority on the date it commits to purchase/sell the investments. Investments held-to-maturity are recognised/derecognised on the day they are transferred to/by the Authority.

As at the statement of financial position date, the Authority's investment portfolio comprised securities which were classified as held-to-maturity.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

3. Significant Accounting Policies, continued

(n) Cash and cash equivalents

Cash and cash equivalents comprise cash balances and fixed deposits with a maturity of less than three months. Bank overdraft that is repayable on demand and form an integral part of the Authority's cash management is included as a component of cash and cash equivalents for the purpose of the statement of cash flows. Cash and cash equivalents are carried at amortised cost in the statement of financial position.

- (o) Interest Interest income and expense are recognized in the income statement using the effective interest method.
- (p) Foreign currency transactions

 Foreign currency transactions completed during the year are recorded at actual rates of exchange prevailing at the dates of such transactions. Monetary assets and liabilities are translated into Barbados dollars at rates of exchange prevailing at the statement of financial position date. Resulting exchange differences are taken into income.
- (q) New standards and interpretations not yet effective
 At the date of approval of the financial statements, there were certain standards and interpretaions which
 were in use but not effective. The adoption of IFRS 9, IFRS 15, IAS 24, and IAS 19 Revised is expected
 to result in adjustments and additional disclosures to the financial statemnets. Management is currently
 in the process of evaluating the impact of adopting these standards in the financial statements.

Notes to Financial Statements

March 31, 2011 (Expressed in Barbados dollars)

4. Plant, Equipment and Property at Cost

This comprises:

Carrying Amounts At April 1, 2009 At March 31, 2010 At April 1, 2010 At April 31, 2011	Balance at March 31, 2011	Balance at April 1, 2010 Charge for the year Adjustments Disposals/transfers	Balance at March 31, 2010	Accumulated Depreciation Balance at April 1, 2009 Charge for the year Adjustments Disposals/transfers	Balance at March 31, 2011	Additions Revaluation adjustments Disposals/transfers	Balance at April 1, 2010	Balance at March 31, 2010	Balance at April 1, 2009 Additions Revaluation adjustments Disposals/transfers		
***	↔	↔	69	€9	69		69	69	€		1
8,243,005 8,243,005 8,243,005 8,243,005	-			, , , ,	8,243,005		8,243,005	8,243,005	8,243,005	Land & Land <u>Rights</u>	
6.842.661 6.250.454 6.250.454 5.932.007	5,215,572	4,709,290 506,282 -	4,709,290	4,210,153 499,137	11,147,579	187,835	10,959,744	10,959,744	11,052,814 8,700 (101,770)	Structures, Improvements and Building	
164,450,493 169,902,172 169,902,172 171,272,614	122,666,322	116,914,115 5,752,207 -	116,914,115	111,370,547 5,543,568	293,938,936	7,122,649	286,816,287	286,816,287	275,821,040 9,484,004 1,511,243	Potable Water Distribution Network	WATI
2.172,837 1.571,593 1.571,593 1,057,661	6,271,907	5,757,975 513,932 -	5,757,975	5,156,731 601,244	7,329,568	, , ,	7,329,568	7,329,568	7,329,568	Transportation <u>Equipment</u>	WATER SYSTEM
122.324 174.410 174.410 245.552	4,116,604	4,050,105 66,499 -	4,050,105	3,981,824	4,362,156	137,641	4,224,515	4,224,515	4,104,148 120,367	Computer Equipment	
408.649 595,363 595,363 595,363 876,401	198,533	112,851 85,682 -	112,851	52,800 60,051	1,074,934	366,720	708,214	708,214	461,449 246,765	Operations and Maintenance Equipment	
313,417	3,901,705	3,901,705	3,901,705	3,901,705	3,901,705		3,901,705	3,901,705	4,215,122	Projects	
52.087.373 49.235.531 49.235,531 46.413.603	41,405,053	38,563,437 2,841,616	38,563,437	35,709,161 2,854,276	87,818,656	19,688	87,798,968	87,798,968	87,796,534 2,434 -	<u>BSTP</u>	SEWERAGE SYSTEM
262,596 349,725 349,725 414,477	35,139	17,178 17,961	17,178	2,934 14,244 -	449,616	82,713	366,903	366,903	265,530 101,373	SCTP	SYSTEM
20,207,303 20,238,243 20,238,243 20,238,243 23,721,128		. ,		, ,	23,721,128	3,482,885	20,238,243	20,238,243	20,207,303 1,542,183 (1,511,243)	Water	
13.603.945 14.328.285 14.328.285 15.064.467	1			1 1 7 1	15,064,467	736,182	14,328,285	14,328,285	13,603,945 724,340	Sewerage	CAPITAL WORK-IN-PROGRESS
2,548,823 2,974,145 2,974,145 5,103,114					5,103,114	2,175,661 (46,692)	2,974,145	2,974,145	2,548,823 425,322	Other	K-IN-PROGRE
271,263,426 273,862,926 273,862,926 278,344,029	183,810,835	174,026,656 9,784,179	174,026,656	164,385,855 9,640,801	462,154,864	14,311,974 (46,692)	447,889,582	447,889,582	435,649,281 12,655,488 - (415,187)	Total	SS

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

4. Plant, Equipment and Property at Cost, continued

The Authority revalued its land and buildings at several locations as at March 2007, based on an independent appraisal done at January 2007, by the firm PricewaterhouseCoopers.

The cost method was used in estimating the values, where having estimated the replacement cost, a deduction was made for accrued depreciation, from physical, functional and economic sources to calculate a cost less depreciation. The excess of the appraised value of the properties over the carrying value in the amount of \$70,653,966 has been recorded as revaluation reserves in owner's equity.

Had the property been recorded at cost less accumulated depreciation and impairment losses, the net book value would have been \$205.8 million (2010: \$204.8 million).

5. Cash and Term Deposits

Cash and term deposits comprise:

	<u>2011</u>	<u>2010</u>
Bank overdraft	\$ (183,185)	
Cash and bank balances Term deposits	34,879,268 2,919,813	46,981,934 2,895,466
	37,799,081	49,877,400
	\$ <u>37,615,896</u>	<u>49.877,400</u>

Interest rates on term deposits range from 2.7% to 3.0% (2010: 2.71% to 3%).

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

6.	Customers' Accounts Receivable			
	This amount comprises:		E 3 .0	
			<u>2011</u>	<u>2010</u>
	Rates Plumbing Private developments Septage Sewage Miscellaneous Less allowance for doubtful accounts	\$ \$	30,783,423 7,866,480 16,123,196 141,598 376,122 6,701 55,297,520 (40,679,320) 14,618,200	30,069,062 7,924,918 15,817,723 141,598 170,028 6,445 54,129,774 (38,456,500
		•	11,010,200	
7.	Inventories			
	This amount comprises:			
			2011	<u>2010</u>
	Materials and supplies Sewerage Small tools and spare parts	\$	7,714,292 180,676 2,869	6,816,446 230,459 12,891

<u>7,897,837</u>

7,059,796

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

8. Other Assets

9.

This amount comprises:

Loans due within one year:		<u>2011</u>	<u>2010</u>
Advances to employees	- \$	80,268	80,389
Car/cycle loans		124,278	166,732
Training loans		12,000	12,000
Interest receivable		27,031	26,397
Other		27,120	26,397
VAT recoverable		3,166,583	3,883,747
In-house loans		<u>571,849</u>	<u>571,849</u>
	\$	4,009,129	4,767,761
Car/cycle loans due after one year:			
Due within two to four years	\$	372,833	474,682
Due within five to seven years		165,394	64,677
	\$	<u>538,227</u>	<u>539,359</u>
Customers' Deposits			
This amount comprises:			
The amount comprises.		<u>2011</u>	<u>2010</u>
Bonds deposits	\$	37,502	49,949
Customers' deposits	Ψ	3,428,348	3,534,371
MTW Special Deposit		42,121	42,121
•		=	
	\$	<u>3,507,971</u>	<u>3,626,441</u>

Customers are required to pay a deposit of \$350 or \$400 for the installation of a new service and private developers are required to pay 75% of an estimate of works as a deposit. In addition, private developers are required to take out a performance bond equal to 10 percent of the estimated value of works. This money is released on the condition that the Authority has not incurred any costs in repairing the mains installed.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

10. Loans Payable

Long term loan

	<u>2011</u>	<u>2010</u>
\$150 million bond issue Interest capitalised	\$ 150,000,000 24,038,548	150,000,000 24,038,548
Repayment of loan	174,038,548 (8,701,928) 165,336,620	174,038,548
Less current portion	\$ (8,701,928) 156,634,692	(8,701,928) 165,336,620

This amount represents a 25 year fixed rate bond issue of \$150,000,000 at an effective annual interest rate of 5.7% amortised over 25 years inclusive of a moratorium on interest for three years and on principal for five years. The moratorium on interest expired on September 30, 2008 and the moratorium on principal expired on September 30, 2010. The loan is thereafter payable in monthly instalments of principal and interest. The loan matures on March 31, 2030.

The effective interest rate of 5.7% is determined as follows:

		Per annum
For the first two years		4.90%
For the next five years		5.25%
For the next five years		5.80%
For the next five years		6.85%
For the final eight years		6.95%

The security provided for the loans is a Letter of Comfort from the Government of Barbados dated September 29, 2004, for \$150 million pending the execution of a Government of Barbados Guarantee.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

11. Operating Revenue - Private Developments and Plumbing (net)

This amount comprises:

Private developments	<u>2011</u>		<u>2010</u>
Gross income Less cost of related works	\$ 1,143,521 <u>(1,919,716</u>)		1,672,510 (1,325,008)
Operating revenue (cost)	<u>(776,195</u>)	_	347,502
Plumbing			
Gross income Less cost of related works	1,674,357 (1,293,930)	_	1,367,473 _(1,177,267)
Operating revenue	380,427	_	190,206
Net operating (cost) revenue	\$ (395,768)		537,708

Operating expenses associated with Private Developments and Plumbing are incorporated in operating revenue in the Statement of Revenue and Expenses.

12. Depreciation and Amortization

This amount comprises:

<u>Depreciation</u> Water system	\$ 6,924,602	6,776,830
Sewerage system	\$ <u>2,859,577</u> <u>9,784,179</u>	<u>2,863,971</u> <u>9,640,801</u>

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

13. Employee Benefits

The Authority maintains a non-contributory defined benefit plan which covers all of its eligible employees. The pension plan provides benefits based on length of service and the best three years' average earnings in the current year. The Authority contributes amounts recommended by the actuary to meet the cost of the benefits arising under the Plan.

At the year end, the defined benefit obligation can be specifie	ed as fol		
		<u>2011</u>	<u>2010</u>
Present value of funded obligations	\$	112,029,005	111,780,960
Fair value of plan assets		(50,654,322)	(40,617,578)
		61,374,683	71,163,382
Unrecognised actuarial losses		(4,415,273)	(12,620,998)
Net liability in the statement of financial position	\$	<u>56,959,410</u>	58,542,384
Movements in the net liability recognised in the statement of the	financia	position are as fo	llows:
Net liability at beginning of year	\$	58,542,384	53,571,977
Net expense recognised in the income statement		9,481,991	9,768,470
Other		(215,544)	(438,753)
Contributions		(10,849,421)	<u>(4,359,310)</u>
Net liability in statement of financial position at year end	\$	<u>56,959,410</u>	<u>58,542,384</u>
The amounts recognised in the income statement are as follo	ws:		
Current service cost	\$	1,721,286	1,622,690
Interest on obligation		7,770,249	7,500,144
Expected return on plan assets		(2,886,276)	(2,463,239)
Net actuarial losses recognised in year		2,524,200	2,670,122
Past service costs – vested benefits		136,988	
		9,266,447	9,329,717
Other		<u>215,544</u>	<u>438,753</u>
Total included in income		9,481,991	<u>9,768,470</u>
Actual return on plan assets	\$	2,463,417	2,601,889
Principal actuarial assumptions at the statement of financial p	osition (date are as follows	:
		<u>2011</u>	<u>2010</u>
Discount rate at end of year		7.75%	7.00%
Expected return on plan assets at end of year		6.50%	6.50%
Future salary increases		5.75%	5.00%
Future pension increases Future pension increases (Treasury)		3.50%	3.00%
Proportion of employees opting for early retirement		3.50% 10.00%	3.00%
Future changes in NIS Ceiling (0% for the 1st 5 years)		3.50%	10.00% 3.50%
and the second s		0.00 /0	0.0070

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

14. Government grant

Government grant consists of funds received from the Government of Barbados to assist in the Authority's operational activities.

15. Corporation Tax

Corporation tax expense comprises:			
		<u>2011</u>	<u>2010</u>
Current tax expense Benefit of tax loss utilized	\$		
Corporation tax expense	\$		
Reconciliation of taxes calculated at the applicable tax ra	te with	tax expense	
		<u>2011</u>	<u>2010</u>
Accounting income before corporation taxes	\$	5,931,305	10,599,227
Tax at 25% (2010: 25%) Tax effect of revenue that is not assessable in	\$	1,482,826	2,649,807
determining taxable profits		(6,758)	(2,190,855)
Tax effect of allowable revenue		6,599	14,052
Tax effect of expenses not allowable for tax purposes		5,372,248	5,971,961
Tax effect of expenses allowable for tax purposes		(2,712,355)	(1,113,033)
Benefit of loss utilised		<u>(4,142,560</u>)	<u>(5,331,932</u>)
	\$		•

Unrecognised Deferred Tax Assets

Deferred tax assets have not been utilized in respect of the following items:

*	Set A	<u>2011</u>	<u>2010</u>
Deductible (taxable) temporary differences:			
Accounts receivable	\$	40,679,320	38,456,500
Employee benefit plan		56,959,410	58,542,384
Property, plant and equipment		63,339,481	53,555,302
Net		160,978,211	150,554,186
Tax losses		57.832.589	<u>74,402,829</u>
	\$	218,810,800	224,957,015
Deferred taxes not recognised	\$	54,702,700	<u>56,239,254</u>

The tax losses expire between 2013 and 2018. The deductible temporary differences do not expire under current tax legislation. Deferred tax assets have not been utilized in respect of these items because it is not probable that future tax profits will be available against which the Authority can utilize the benefits.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

15. Corporation Tax Losses, continued

As at the statement of financial position date, the Authority had the following estimated losses available for set off against future taxable income.

Year of Income	Amount Brought <u>Forward</u>	Losses <u>Utilised</u>	Losses Incurred	Losses Expired	Amount Carried <u>Forward</u>	Expiry <u>Date</u>
2003	\$ 7,057,929	(7,057,929)	-	= -	_	2012
2004	12,739,798	(9,512,311)	-	-	3,227,487	2013
2005	14,590,898	-	-	-	14,590,898	2014
2007	28,681,377	-	-	-	28,681,377	2016
2008	2,887,857	-	•	-	2,887,857	2017
2009	8,385,270				<u>8,385,270</u>	2018
	\$ <u>74,402,829</u>	<u>(16,570,240</u>)	•	-	57,832,589	

The Department of Inland Revenue has agreed the losses for the years 1996 to 2002. Losses for the subsequent years have not been agreed or contested by the Department of Inland Revenue.

The above losses have not been agreed or contested by the Department of Inland Revenue. The tax benefit of these losses has not been recognised in these financial statements.

16. Related Party Transactions

The following related party transactions occurred during the year:

Transactions with Key Management Personnel

The key management personnel compensations are as follows:

	<u>2011</u>	<u>2010</u>
Directors Senior Management	\$ 49,400	40,400
	\$ 1,493,406	1,391,950

17. Government of Barbados

This consists of capital grants received from the Government of Barbados to assist in the Authority's acquisition of capital assets.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

18. Commitments and Contingencies

(a) Commitments

The Authority has entered into a 15 year agreement with lonics Incorporated of Massachusetts "lonics", United States of America. "lonics", in a joint venture with a local company, and has constructed a 30,000m³ Desalination Plant in Barbados under a "BOO" (build, own, operate) basis.

Under the agreement, the Authority purchases a minimum of 27,000m³ of desalinated water per day with an option to purchase the Plant at some time in the future.

On March 31, 2010, the Government of Barbados signed a credit agreement with the Inter- American Development Bank in amount of \$100 million. This money is to be used for the modernization of the Barbados Water Authority.

(b) Contingent Liability

Legal Proceedings

The residents surrounding the Bridgetown Sewerage Treatment Plant have filed a lawsuit against the Barbados Water Authority for damages with respect to the inconveniences and ill health caused by the operations of the plant. It is not clear when this case will be settled. In addition, it is not clear what the financial implications are, if the Authority was found to be negligent. No amounts have been accrued in the financial statements relating to this lawsuit.

(c) Contingent Asset

South Coast Sewerage Treatment Plant

The Ministry of Health in conjunction with the Inter-American Development Bank constructed the South Coast Sewerage Treatment plant, which the Authority manages and operates. The net book value of the plant is \$166.8 million (2010: \$172.5 million) as at year-end. The value of this plant has not been included in the financial statements as this asset has not been formally transferred to the Authority.

19. Fair Value Disclosure of Financial Instruments

Financial assets of the Authority include cash on hand and in bank, fixed deposits, customers' accounts receivable and other assets. Financial liabilities include bank overdraft, accounts payable, customers' deposits, other liabilities, salaries and wages payable and long-term loans.

(a) Credit risk

Cash is placed with more than one reputable bank. Credit risk on customers' accounts receivable is limited as these accounts are shown net of provision for bad and doubtful receivables.

(b) Fair value

The fair values of cash on hand and in bank, term deposits, customers' accounts receivable, other assets, accounts payable, customers' deposits, long-term loans, salaries and wages payable and other liabilities are not materially different from their carrying amounts.

Fair value estimates are made at a specific point in time, based on market conditions and information about the financial instrument. These estimates are subjective in nature and involve uncertainties and matters of significant judgment and therefore, cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

20. Financial Risk Management

The Authority has exposure to the following risk from its use of financial instruments:

- Credit risk
- · Liquidity risk
- Market risk

This note presents information about the Authority's exposure to each of the above risks, the Authority's objectives, policies and processes for measuring and managing risk and the Authority's management of capital.

Risk Management Framework

The Authority's Board of Directors has overall responsibility for the establishment and oversight of the Authority's risk management framework. Senior Management is responsible for developing and monitoring the Authority's risk management policies. The management team periodically reports to the Board of Directors on its activities.

The Authority's risk management policies are established to identify and analyse the risks faced by the Authority, to set appropriate risk limits and controls, and to monitor risks and adherence to limits. The Authority, through its training and management standards and procedures, aims to develop a disciplined and constructive control environment in which all employees understand their roles and obligations.

Credit Risk

Credit risk is the risk of financial loss to the Authority if a customer or counterparty to financial instrument fails to meet its contractual obligations, and arises principally from the Authority's cash and term deposits, accounts receivable and other assets.

Exposure to credit risk

The carrying amount of financial assets represents the maximum credit exposure. The maximum exposure to credit risk at the end of the reporting period was as follows:

	<u>2011</u>	<u>2010</u>
Cash and term deposits Customers' accounts receivable Other assets	\$ 37,799,081	49,877,400
	\$ 14,618,200	15,673,274
	\$ 4,009,129	4,767,761

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

Cash and term deposits

The Authority's cash and term deposits held of \$37,799,081 (2010: \$49,877,400) represents its maximum credit exposure on these assets. The cash and cash equivalents are held with bank and substantial financial institutions which present minimal risk of default.

Customers' accounts receivable

In monitoring customer credit risk, customers are grouped according to their credit characteristics, including whether they are a commercial, government or residential customer, industry, aging profile, maturity and existence of previous financial difficulties.

In the event of non-payment the Barbados Water Authority Act stipulates that unpaid rates and charges are a lien and charge against the premises in respect of which the debt is incurred. The Authority requires a deposit to be made on the installation on new water services and work carried out with respect to private development work.

The Authority establishes an allowance for impairment that represents its estimate of incurred losses in respect of trade and other receivables. The main components of this allowance are a specific loss component that relates to individually significant exposures, and a collective loss component established for groups of similar assets in respect of losses that have been incurred but not yet identified. The collective loss allowance is determined based on historical data of payment statistics for similar financial assets.

The maximum exposure to credit risk for customers' accounts receivable shown gross at the end of the reporting period by type of customer was as follows:

	<u>2011</u>	<u>2010</u>
Commercial customers	\$ 7,717,904	5,507,065
Government receivables	1,895,998	1,340,974
Residential customers	21,169,521	23,221,024
Plumbing Receivables	7,866,480	7,924,918
Private Development Receivables	16,123,196	15,817,723
Other Receivables	<u>524,421</u>	<u>318,071</u>
	\$ 55,297,520	_54.129.774

Impairment losses

The aging of customers' accounts receivable at the reporting date was as follows:

		Gross <u>2011</u>	Impairment <u>2011</u>	Gross <u>2010</u>	Impairment 2010
Current 0 - 60 days	\$	8,453,024	•	9,459,992	-
Past due 61-180 days		2,810,411	-	3,424,775	-
Past due 181-360 days		2,794,975	-	3,184,419	-
More than 360 days	-	41,239,110	40,679,320	38,060,588	<u>38,456,500</u>
	\$ _	55,297,520	40,679,320	<u>54,129,774</u>	<u>38,456,500</u>

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

The movement in the allowance for impairment in respect of customers' accounts receivables was as follows:

	<u>2011</u>	<u>2010</u>
Balance as at April 1 Impairment loss recognised	\$ 38,456,500 2,022,074	33,977,926 <u>4,478,574</u>
Balance as at March 31	\$ 40,679,320	38,456,500

The Authority believes that all closed accounts are uncollectible and that all accounts less than 360 days that are not closed are collectible, based on historic payment. The Authority has monitored customer credit risk, by grouping customer receivables based on their characteristics.

Liquidity Risk

Liquidity risk is the risk that the Authority will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Authority's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Authority's reputation.

Exposure to liquidity risk

The following are the remaining contractual maturities at the end of the reporting period of financial liabilities, including estimated interest payments and excluding the impact of netting agreements:

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

Non-derivative Financial Liability

	Bank overdraft Accounts payable Customers' deposits Other Salaries and wages Long-term Debt	March 31, 2010	Bank overdraft Accounts payable Customers' deposits Other Salaries and wages Long-term Debt	March 31, 2011
↔	€	↔	↔	
194,134,750	11,885,303 3,626,441 3,993,830 590,628 174,038,548	184.911.829	183,185 11,080,321 3,507,971 4,215,268 588,463 165,336,620	Carrying <u>Amount</u>
302,616,680	11,885,303 3,626,441 3,993,830 590,628 282,520,478	284,370,948	183,185 11,080,321 3,507,971 4,215,268 588,463 264,795,739	Contractual Cash Flows
23,329,108	11,885,303 1,933,701 590,628 8,919,476	22,698,159	183,185 11,080,321 - 2,155,139 588,463 8,691,050	6 Months or Less
12,431,704	3,626,441 - - - 8,805,263	12,084,808	3,507,971 - - 8,576,837	6 to 12 Months
68,735,437	- - - - - - - - - - - - - - - - - - -	67,613,976	- - - - 67,613,976	1 to 5 <u>Years</u>
198,120,431	2,060,129 - 196,060.302	181,974,005	2,060,129 179,913,876	Over 5 Years

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

Market risk

Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates will affect the Authority's income or the value of its holdings of financial instruments. The objective of market risk management is to manage and control market risk exposures within acceptable parameters, while optimizing the return on risk.

Currency risk

The Authority is exposed to currency risk on purchases and borrowings that are denominated in a currency other than the respective functional currency of the Authority. The currencies in which these transactions primarily are denominated are USD and GBP.

The Authority's main exposure to market risk arises from the Barbados National Bank Inc.) \$150,000,000 loan which as disclosed in note 10, is charged interest on the outstanding balance at a rate of 5.25%.

Interest rate risk

The Authority adopts a policy of ensuring that 100 percent of its exposure to changes in interest rate on borrowings is on a fixed-rate basis.

At the reporting date the interest rate profile of the Authority's interest bearing financial instruments was as follows:-

	<u>2011</u>	<u>2010</u>
\$ \$	2,919,813 165,336,620	2,895,466 174,038,548
\$ \$	-	
	\$	\$ 2,919,813 \$ 165,336,620 \$ -

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

Interest rate sensitivity:

Fair value sensitivity analysis for fixed rate instruments:

The Authority does not account for any fixed rate financial assets or liabilities at fair value. Therefore, a change in interest rates at the reporting date would not affect profit or equity recognised for the year.

Sensitivity analysis

The impact of an increase or decrease of 5% in the average tariff charged per cubic meter is as follows:-

A 5% increase in the average tariff per cubic meter would increase the profit by \$5,901,496. This analysis assumes that all other variables, remain constant.

A 5% decrease in the average tariff per cubic meter would have had the equal and opposite effect on the basis that all variables remain constant.

Capital management

The Authority's policy is to maintain a strong capital base to maintain the confidence of the government, customers, creditors and other stakeholders and to sustain future development of the Authority. The Authority is not subjected to any externally imposed capital requirements

21. Subsequent Events

For the purposes of these financial statements, subsequent events have been evaluated through October 19, 2016, which is the date the financial statements were finalized.

Financial Assistance

Over the period 2012 to 2015, the Government of Barbados provided the Authority with funds totaling \$135.4 million to finance capital expenditure and operations.

Raising of Financing from Canadian Commercial Corporation

On June 26, 2015, the Government of Barbados signed a credit agreement with the Canadian Commercial Corporation in amount of US \$67.9 million. This money is being used to finance the Island wide meter replacement program and the modernization of the information systems such as the customer information system, work management system, financial information system and a procurement and inventory management system.

Raising of Financing from CitiCorp

On October 28, 2011 the Authority received a loan of \$1,000,000 at an interest rate of 3.84% with a maturity date of July 24, 2012.

On November 7th 2013 the Authority received a loan in the form of a promissory note of USD \$7,000,000 at an interest rate of 8.91875% with a maturity date of May 6th 2014.

Notes to Financial Statements

March 31, 2011

(Expressed in Barbados dollars)

21. Subsequent Events, continued

Lease agreement

On July 4, 2012, the Authority signed a deed of authorization, guarantee and charge ("the Deed") as Guarantor with Innotech Services Limited, the Contractor, and Innotech Aquaserve Limited the Obligor. The Authority charged by way of legal mortgage the rights, title and interest of the premises at Lot E, the Pine St Michael. The legal and beneficial title of the premises is vested in Innotech Aquaserve Limited acting as the Landlord pursuant to a conveyance made between the Authority and Innotech Aquaserve Limited.

On January 30, 2013, the Government of Barbados has provided a letter of comfort with regards to the financing, construction and maintenance agreements to be entered into between the Authority and Innotech Aquaserve Limited which are intended to be financed by a dual-currency (USD/BBD) Bond Issue by Innotech Aquaserve Limited. in the equivalent aggregate principal amount (including capitalized interest thereon) of \$65 million (US\$32.5million)

On March 26, 2013 the Authority entered into a lease agreement for fifteen years with Innotech Aquaserve Limited to lease a headquarters complex including offices and ancillary facilities under a Private Public Partnership arrangement. The monthly lease payments are \$701,286 commencing November 2015 and the monthly service charge payments are about \$200,000 commencing September 2015.

Raising of Financing from the Caribbean Development Bank

On August 25, 2016, the Government of Barbados, the Barbados Water Authority and the Caribbean Development Bank signed a loan agreement in the amount of US\$35.7 million. The money is being used to upgrade the water supply network.

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