Financial Statements of

BARBADOS WATER AUTHORITY

March 31, 2013

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KPMG

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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, 2013, 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, 2013 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, 2013 the Authority had an accumulated deficit of \$189,174,085. 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, 2013 with comparative figures for 2012

(Expressed in Barbados dollars)

	<u>Notes</u>		<u>2013</u>	2012
Assets				
Plant, equipment and property	4	\$	491,483,176	479,375,877
Less accumulated depreciation	4		(203,625,284)	<u>(193,591,091</u>)
Net plant, equipment and property			287,857,892	285,874,786
Other	8		580,413	594,186
Current Assets:				10.004.455
Cash and term deposits	5		9,689,610	19,031,155
Prepaid expenses	•		727,999	676,150
Customers' accounts receivable	6		17,679,220	13,681,175 215,795
Work-in-progress - private developments	7		132,302 8,475,233	7,649,218
Inventories	, 8		18,884,414	13,616,979
Other	0			
Total current assets			<u>55,588,778</u>	<u>54,870,472</u>
Total Assets		\$	<u>344,027,083</u>	<u>341,249,444</u>
Owner's Equity and Liabilities				
Owner's Equity:		_	040 054 540	040 440 400
Government of Barbados	17	\$	216,951,512	210,116,182
Deficit			(189,174,085)	(182,293,935) 70,653,966
Reserve – Asset valuation	4		<u>70,653,966</u>	70,055,900
Total owner's equity			98,431,393	98,476,213
Liabilities				
Long-term liabilities:				4.47.000.704
Long-term loans	10		139,230,836	147,932,764
Employee benefits	13		53,703,402	55,219,028
Current Liabilities:			04 547 222	20.796.476
Accounts payable	•		34,547,332	20,786,476 4,365,297
Customers' deposits	9		4,631,025 4,201,054	4,188,782
Other			580,113	578,956
Salaries and wages Current portion of long-term loans	10		8,701,928	9,701,928
Total current liabilities			52,661,452	39,621,439
Commitments	17		•	•
	, ,	•	244 027 092	341.249.444
Total Owner's Equity and Liabilities		\$	344,027,083	341,243,444

See accompanying notes to financial statements.

Approved on behalf of the Board

A. 11 Ball Chairman

General Manager

Financial Controller

Statement of Changes in Equity

For the year ended March 31, 2013 with comparative figures for 2012

(Expressed in Barbados dollars)

	<u>Notes</u>	Government of Barbados	<u>Deficit</u>	Fair Value <u>Reserve</u>	<u>Total</u>
Balance at April 1, 2011	9	210,116,182	(178,780,205)	70,653,966	101,989,943
Net loss for the year		-	(3,513,730)		(3,513,730)
Balance at March 31, 2012	5	210,116,182	<u>(182,293,935</u>)	70,653,966	98,476,213
Balance at April 1, 2012	5	210,116,182	(182,293,935)	70,653,966	98,476,213
Contribution		6,835,330	-	-	6,835,330
Net loss for the year	- un		(6,880,150)		(6,880,150)
Balance at March 31, 2013		216,951,512	<u>(189,174,085</u>)	70,653,966	98,431,393

See accompanying notes to financial statements.

Statement of Revenue and Expenses

For the year ended March 31, 2013 with comparative figures for 2012

(Expressed in Barbados dollars)

	<u>Notes</u>	<u>2013</u>	<u>2012</u>
Operating Revenues: Sale of water		\$ 112,409,726	109,333,029
Private developments and plumbing (net)	11	432,195	(403)
Sewerage		5,487,764	3,539,658
Total operating revenues		118,329,685	112,872,284
Operating Expenses:			
Operations and maintenance		70,546,200	60,031,267
Commercial		3,810,490	3,678,001
Administrative Sewerage		26,502,135 5,586,865	18,245,532 6,539,950
Depreciation and amortization	12	10,034,193	9,780,256
Dopiosidion and amortization			
Total operating expenses		<u>116,479,883</u>	98,275,006
Operating income		1,849,802	14,597,278
Interest expense		(9,059,668)	(8,682,373)
Pension expense	13	(6,224,075)	(8,366,547)
Interest income		57,200	85,329
Gain on sale		-	23,089
Other income (expense)		994,885	<u>(1,170,195</u>)
Loss before government grant and corporation tax		(12,381,856)	(3,513,730)
Government grant	14	<u>5,501,706</u>	
Loss before corporation tax		(6,880,150)	(3,513,730)
Corporation tax	15	-	
Net loss for the year		\$ <u>(6,880,150</u>)	(3,513,730)

Statement of Cash Flows

For the year ended March 31, 2013 with comparative figures for 2012

(Expressed in Barbados dollars)

	Notes	<u>2013</u>	2012
Cash Flow from Operating Activities: Loss before corporation tax	9	(6,880,150)	(3,513,730)
Adjustments for: Depreciation and amortization Interest expense Interest income Assets written off Gain on sale of plant, equipment and property	- 12	10,034,193 9,059,668 (57,200) 9,415,860	9,780,256 8,682,373 (85,329) - (23,089)
Operating income before working capital changes		21,572,371	14,840,481
(Increase) decrease in customers' accounts receivable Increase in prepaid expenses Decrease (increase) in work-in-progress - private developments (Increase) decrease in inventories Increase in other assets Decrease in employee benefits Increase in accounts payable Increase in customers' deposits Decrease (increase) in salaries and wages liabilities		(3,998,045) (51,849) 83,493 (826,015) (5,266,998) (1,515,626) 13,760,856 265,728 1,157	937,025 (91,706) (145,561) 248,619 (9,663,535) (1,740,382) 9,706,155 857,326 (9,507)
Increase (decrease) in other liabilities		12,272	<u>(26,486</u>)
Cash from operating activities		24,037,344	14,912,477
Interest paid		(9,059,668)	(8,682,373)
Net cash from operating activities		14,977,676	6,230,104
Cash Flows from Investing Activities: Additions to plant, equipment and property - net Interest received Proceeds from sale of plant, equipment and property	4	(21,523,159) 70,536	(17,221,013) 85,007 23,089
Net cash used in investing activities		(21,452,623)	(17,112,917)
Cash Flows from Financing Activities: Payment of long-term loans Issuance of long-term loans Government contribution		(9,701,928) - 6,835,330	(8,701,928) 1,000,000
Net cash used in financing activities		<u>(2,866,598</u>)	<u>(7,701,928)</u>
Decrease in cash during the year		(9,341,545)	(18,584,741)
Cash and cash equivalents beginning of year		<u>19,031,155</u>	37,615,896
Cash and cash equivalents end of year	;	9,689,610	<u> 19,031,155</u>
Cash and cash equivalents comprise: Cash on hand and at bank Fixed deposits	;	\$ 8,719,099 <u>970,511</u>	16,086,335 2,944,820
See accompanying notes to financial statements	;	9,689,610	<u>19,031,155</u>

Notes to Financial Statements

March 31, 2013

(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, 2013, the Authority had an accumulated deficit of \$189,174,085 (2012: \$182,293,935) 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, 2013

(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, 2013

(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.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

3. Significant Accounting Policies, continued

(i) Taxation, continued

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.

(k) Employees 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.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

3. Significant Accounting Policies, continued

(m) Investments, continued

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.

- (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 statements. Management is currently in the process of evaluating the impact of adopting these standards in the financial statements.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

4. Plant, Equipment and Property at Cost

Carrying Amounts At April 1, 2011 At March 31, 2012 At April 1, 2012 At March 31, 2013	Balance at March 31, 2013	Balance at April 1, 2012 Charge for the year	Balance at March 31, 2012	Accumulated Depreciation Balance at April 1, 2011 Charge for the year Adjustments Disposals/transfers	Balance at March 31, 2013	Balance at April 1, 2012 Additions Assets written off Disposals/transfers	Balance at March 31, 2012	Cost/Valuation Balance at April 1, 2011 Additions Revaluation adjustments Disposals/transfers		This comprises:
6 6 6 6	€9	€	↔	69	€9	€9	69	€		r
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 Rights	
5.932.007 5.752.494 5.752.494 6.084.581	6,308,750	5,736,847 571,903	5,736,847	5,215,752 521,275 -	12,393,331	11,489,341 517,008 - 386,982	11,489,341	11,147,579 341,762	Structures, Improvements and Building	
171,272,614 175,269,197 175,269,197 188,490,460	134,387,421	128,414,828 5,972,593	128,414,828	122,666,322 5,748,506	322,877,881	303,684,025 34,816 - 19,159,040	303,684,025	293,938,936 9,745,089	Potable Water Distribution Network	WATE
1.057,661 613,877 613,877 342,637	6,986,931	6,715,691 271,240	6,715,691	6,271,907 443,784 -	7,329,568	7,329,568	7,329,568	7,329,568	Transportation Equipment	WATER SYSTEM
245,552 290,331 290,331 802,450	4,370,882	4,223,779 147,103	4,223,779	4,116,604 107,175	5,173,332	4,514,110 172,143 - 487,079	4,514,110	4,362,156 151,954	Computer Equipment	
876,401 1.084,972 1.084,972 1.245,546	466,329	318,567 147,762	318,567	198,533 120,034	1,711,875	1,403,539 119,851 - 188,485	1,403,539	1,074,934 328,605	Operations and Maintenance Equipment	
	3,901,705	3,901,705	3,901,705	3,901,705	3,901,705	3,901,705	3,901,705	3,901,705	Projects	
46,413,603 43,874,110 43,874,110 41,260,183	47,043,959	44,219,568 2,824,391	44,219,568	41,405,053 2,814,515	88,304,142	88,093,678 210,464	88,093,678	87,818,656 275,022	<u>BSTP</u>	SEWERAGE SYSTEM
414,477 448,393 448,393 796,121	159,307	60,106 99, <u>201</u>	60,106	35,139 24,967 -	955,428	508,499 84,900 362,029	508,499	449,616 58,883	SCIP	ESYSTEM
23,721,128 25,840,244 25,840,244 25,840,244 3,393,988			,		3,393,988	25,840,244 4,841,959 (8,199,512) (19,088,703)	25,840,244	23,721,128 2,119,116 -	Water	
15,064,467 15,730,429 15,730,429 15,730,429	,	. ,	•		15,945,194	15,730,429 576,794 - 362,029	15,730,429	15,064,467 665,962	Sewerage	CAPITAL WORK-IN-PROGRESS
5.103.114 8.637.734 8.637.734 21.253.727			•		21,253,727	8,637,734 14,965,224 (1,216,348) (1,132,883)	8,637,734	5,103,114 3,534,620	Other	K-IN-PROGRE
278,344,029 285,784,786 285,784,786 285,784,786 287,857,892	203,625,284	193,591,091 10,034,193	193,591,091	183,810,835 9,780,256	491,483,176	479,375,877 21,523,159 (9,415,860)	479,375,877	462,154,864 17,221,013	Total	SS

Notes to Financial Statements

March 31, 2013

(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 \$208.9 million (2012; \$206.9million).

5. Cash and Term Deposits

Cash and term deposits comprise:

	<u>2013</u>	<u>2012</u>
Cash and bank balances Term deposits	\$ 8,719,099 <u>970,511</u>	16,086,335 2,944,820
	\$ 9,689,610	<u>19,031,155</u>

Interest rates on term deposits range from 1.05% (2012: 2.7% to 3.0%).

6. Customers' Accounts Receivable

This amount comprises:

	<u>2013</u>	<u>2012</u>
Rates Plumbing Private developments Septage Sewage Miscellaneous	\$ 36,388,102 8,838,468 17,493,553 141,598 66,013 6,939	29,492,809 8,708,573 16,631,089 141,598 66,013 6,739
Less allowance for doubtful accounts	\$ 62,934,673 (45,255,453) 17,679,220	55,046,821 (41,365,646) 13,681,175

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

7.	Inventories		
	This amount comprises:		
		<u>2013</u>	2012
	Materials and supplies Sewerage Small tools and spare parts	\$ 8,032,786 327,739 114,708	7,232,300 252,052 164,866
		\$ 8,475,233	7,649,218
8.	Other Assets		
	This amount comprises:		
	Loans due within one year:	<u>2013</u>	<u>2012</u>
	Advances to employees Car/cycle loans Training loans Interest receivable Other VAT Recoverable Receivable - Innotech Due to Project Unit In-house loans In-house loans	\$ 358,775 145,103 12,000 14,017 26,647 9,584,953 5,875,000 (45,002) 571,849 2,341,072	188,741 148,547 12,000 27,353 27,120 7,035,051 5,875,000 (268,682) 571,849 2,341,072
		\$ <u>18,884,414</u>	<u>13,616,979</u>
	Car/cycle loans due after one year: Due within two to four years Due within five to seven years	\$ 435,301 145,112	445,640 148,546
		\$ 580,413	<u>594,186</u>

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

9. Customers' Deposits

This amount comprises:		
	<u>2013</u>	<u>2012</u>
Bonds deposits Customers' deposits MTW Special Deposit	\$ 65,224 4,523,680 42,121	26,882 4,296,294 42,121
	\$ 4.631.025	4.365 297

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.

10. Loans Payable

		(a) 150 Million <u>Bond Issue</u>	(b) Citicorp <u>Loan</u>	Total <u>2013</u>	Total <u>2012</u>
Balance beginning of year Interest capitalized	\$	132,596,144 24,038,548	1,000,000	133,596,144 24,038,548	141,298,072 24,038,548
Loans issued during year Loan repayment		156,634,692 (8,701,928)	1,000,000 - 	157,634,692 - (9,701,928)	165,336,620 1,000,000 (8,701,928)
Current portion of loan		147,932,764 (8,701,928)	-	147,932,764 (8,701,928)	157,634,692 (9,701,928)
	\$.	139,230,836		139,230,836	<u>147,932,764</u>

⁽a) 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.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

10. Loans Payable, continued

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.

(b) On October 28, 2012 the Authority received a loan of \$1,000,000 at an interest rate of 3.84% with a maturity date of July 24, 2013.

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

This amount comprises:

Private developments	<u>2013</u>	<u>2012</u>
Gross income Less cost of related works	\$ 1,386,626 (1,106,869)	852,971 (854,412)
Operating revenue / (cost)	279,757	(1,441)
Plumbing		
Gross income Less cost of related works	1,017,062 (864,624)	905,122 (904,084)
Operating revenue	<u>152,438</u>	1,038
Net operating (cost) revenue	\$ 432,195	(403)

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

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

This amount comprises:				
, , , , , , , , , , , , , , , , , , ,		<u>2013</u>	<u>2012</u>	
<u>Depreciation</u> Water system Sewerage system	\$	7,146,804 2,887,389	6,940,774 2,839,482	
Sewerage system	ው			
	Ф	<u>10,034,193</u>	9,780,256	

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 specified as follows:

		<u>2013</u>	<u>2012</u>
Present value of funded obligations Fair value of plan assets	\$	114,332,153 (66,166,824)	112,106,838 (60,041,832)
Unrecognised actuarial gains		48,165,329 5,538,073	52,065,006 3,154,022
Net liability in the statement of financial position	\$	53,703,402	<u>55,219,028</u>
Movements in the net liability recognised in the statement of fir	nancia	al position are as fo	ollows:
Net liability at beginning of year	\$	55,219,028	56,959,410
Net expense recognised in the income statement Other Contributions		6,224,075 (352,201) (7,387,500)	8,366,547 (356,929) (9,750,000)
Net liability in statement of financial position at year end	\$	53,703,402	55,219,028
The amounts recognised in the income statement are as follow	/s:		
Current service cost Interest on obligation Expected return on plan assets Net actuarial (gains) losses recognised in year	\$	1,915,621 8,560,146 (3,973,088) (630,805)	1,999,641 8,614,616 (3,487,694) <u>883,055</u>
Other		5,871,874 352,201	8,009,618 <u>356,929</u>
Total included in income		6,224,075	8,366,547
Actual return on plan assets	\$	3,959,785	3,382,493

Notes to Financial Statements

March 31, 2013

14.

15.

(Expressed in Barbados dollars)

Employee Beliefits, continued			
Principal actuarial assumptions at the statement of financia	l position		
		<u>2013</u>	<u>2012</u>
Discount rate at end of year		7.75%	7.75%
Expected return on plan assets at end of year		6.50%	6.50%
Future salary increases		5.75%	5.75%
Future pension increases		3.50%	3.50%
Future pension increases (Treasury)		3.50%	3.50%
Proportion of employees opting for early retirement		10.00%	10.00%
Future changes in NIS Ceiling (0% for the 1st 5 years)		3.50%	3.50%
r didire changes in 1413 Centing (0 to for the 143 years)		3.30 %	3.50%
Government grant			
Government grant consists of funds received from the Government	ernment o	of Barbados to ass	sist in the
Authority's operational activities.			
9			
Corporation Tax			
Corporation tax expense comprises:			
. 8		2013	2012
			==
Current tax expense	\$	-	_
Benefit of tax loss utilized	•	-	-
Corporation tax expense	\$		
Reconciliation of taxes calculated at the applicable tax	rate with	tax expense	
		<u>2013</u>	<u>2012</u>
Accounting loss before corporation taxes	\$	<u>(6,880,150</u>)	<u>(3,513,730</u>)
Tax at 25% (2012; 25%)	\$	(1,720,037)	(878,355)
Tax effect of revenue that is not assessable in			
determining taxable profits		(1,378,931)	(12,610)
Tax effect of allowable revenue		6,838	6,758
			4,708,282
			(2,437,500)
Benefit of loss utilized		(98,014)	(1,386,575)
Tax effect of expenses not allowable for tax purposes Tax effect of expenses allowable for tax purposes Benefit of loss utilized		5,037,019 (1,846,875) (98,014)	(2,437,500
	_		

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

15. Corporation Tax, continued

Unrecognised Deferred Tax Assets

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

Doductible (toyoble) temperary differences:	<u>2013</u>	<u>2012</u>
Deductible (taxable) temporary differences: Accounts receivable Employee benefit plan Property, plant and equipment	\$ 45,255,453 53,703,402 83,153,928	41,365,646 55,219,028 73,119,737
Net	182,112,783	169,704,411
Tax losses	51,894,235	52,286,290
	\$ 234,007,018	221,990,701
Deferred taxes not recognised	\$ 58,501,754	<u>55,497,675</u>

The tax losses expire between 2014 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 profit will be available against which the Authority can utilize the benefits.

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>
2005	\$ 12,272,086	(392,055)	-	-	11,880,031	2014
2007	28,681,377	•	-	-	28,681,377	2016
2008	2,887,857	-	-	-	2,887,857	2017
2009	8,385,270	-	-	-	9,390,182	2018
	\$ <u>52,286,290</u>	(392,055)		•	_51,894,235	

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.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

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>2013</u>	<u>2012</u>
Directors	\$ 44,400	32,000
Senior Management	\$ 1,368,531	1,498,288

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.

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, 2012, the Government of Barbados signed a credit agreement with the Inter- American Development Bank in the 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 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 Authoritywas found to be negligent. No amounts have been accrued in the financial statements relating to this lawsuit.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

18. Commitments and Contingencies, continued

(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 \$163.7 million (2012: \$161.1million) 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, 2013

(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>2013</u>	<u>2012</u>
Cash and term deposits	\$ 9,689,610	19,031,155
Customers' accounts receivable	\$ 17,679,220	13,681,175
Other assets	\$ 18,884,414	13,616,979

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

Cash and term deposits

The Authority's cash and term deposits held of \$9,689,610 (2011: \$19,031,155) 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 at the end of the reporting period by type of customer was as follows:

	<u>2013</u>	<u>2012</u>
Commerical customers Government receivables	\$ 12,119,121 3,153,185	8,813,509 2,488,432
Residential customers Plumbing Receivables	21,115,795 8,838,469	18,190,868 8,708,573
Private Development Receivables	17,493,553	16,631,089
Other Receivables	<u>214,550</u>	<u>214,350</u>
	\$ 62,934,673	55,046,821

Impairment losses

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

		Gross 2013	Impairment 2013	Gross <u>2012</u>	Impairment 2012
Current 0 – 60 days Past due 61-180 days Past due 181-360 days More than 360 days	\$	8,846,337 4,548,274 3,452,968 46,087,094	45,255,453	6,299,227 4,866,085 2,245,188 41,636,321	- - - 41,365,646
	\$ _	62,934,673	45,255,453	55,046,821	<u>41,365,646</u>

Notes to Financial Statements

March 31, 2013

(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>2013</u>	<u>2012</u>
Balance as at April 1 Impairment loss recognised	\$ 41,365,646 3,889,807	40,679,320 686,326
Balance as at March 31	\$ 45,255,453	_41,365,646

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.

Notes to Financial Statements

March 31, 2013

(Expressed in Barbados dollars)

20. Financial Risk Management, continued

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:

Non-derivative Financial Liability

		Carrying Amount	Contractual Cash Flows	6 Months or Less	6 to 12 Months	1 to 5 <u>Years</u>	Over 5 <u>Years</u>	
March 31, 2013								
Bank overdraft	€9			1	t		•	
Accounts payable		34,547,332	34,547,332	34,547,332		•	•	
Customers' deposits		4,631,025	4,631,025		4,631,025		•	
Other		4,201,054	4,201,054	2,140,925	•	•	2,060,129	
Salaries and wages		580,113	580,113	580,113	•	ž.	ŧ	
Long-term Debt		147,932,764	229,867,290	8,641,014	8,514,836	64,241,978	148,469,462	
	€9	191.892.288	273,826,814	45,909,384	13,145,861	64,241,978	150,529,591	
March 31, 2012								
Bank overdraft	es .	•			•	•	à	
Accounts payable		20,786,476	20,786,476	20,786,476	1			
Customers' deposits		4,365,297	4,365,297		4,365,297	•	•	
Other		4,188,782	4,188,782	2,128,653	•		2,060,129	
Salaries and wages		578,956	578,956	578,956		•		
Long-term Debt		<u>157,634,692</u>	<u>247,527,852</u>	8,893,370	8,767,192	65,595,128	164,272,162	
	69	187,443,562	277,336,722	32,387,450	13,132,489	65,595,128	166.332.291	

Notes to Financial Statements

March 31, 2013

(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. "the Bank") \$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:-

Fixed Rate Instruments		<u>2013</u>	<u>2012</u>
Financial assets Financial Liabilities	\$ \$	970,511 147,932,764	2,944,820 157,634,692
Variable Rate Instruments		21	
Financial assets Financial Liabilities	\$ \$	-	-

Notes to Financial Statements

March 31, 2013

(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 \$5,892,117. 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 2013 to 2015, the Government of Barbados provided the Authority with funds totaling \$135 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 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, 2013

(Expressed in Barbados dollars)

21. Subsequent Events, continued

Lease Plus 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.