

Board of Directors Ted Schrader, Karl Nurse, Dave Eggers, Ken Hagan, Jack Mariano, Rob Marlowe, Charlie Miranda, John Morroni, Sandra Murman

General Manager Matthew W. Jordan

General Counsel Barrie S. Buenaventura, Pennington, P.A.

2575 Enterprise Road, Clearwater, FL 33763-1102

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www.tampabaywater.org



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PINELLAS COUNTY FLORIDA

**CERTIFIED MAIL RETURN RECEIPT**

July 13, 2016

Mr. Ken Burke  
Clerk of the Circuit Court  
Pinellas County Records  
315 Court Street  
Clearwater, FL 33756-3894

**Re: Required Filing of Annual Financial Report and Audited Financial Statements**

Dear Mr. Burke:

In accordance with Florida Statutes, 11.45, 189.418 and 218.32, enclosed please find for filing with the Clerk, the Annual Financial Report and the Audited Financial Statements of Tampa Bay Water, A Regional Water Supply Authority, for the fiscal year ending September 30, 2015.

Thank you for your attention to this matter.

Sincerely,

Christina R. Sackett  
Chief Financial Officer

Enclosures

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PINELLAS COUNTY FLORIDA

### Unit Information

Unit ID: 300049

Year: 2015

Unit Name: Tampa Bay Water, A Regional Water Supply Authority

Unit Status: Active

Unit Dependency: Independent

### Location Information

Name: Mrs. Christina Sackett

Title: Chief Financial Officer

Phone: (727) 796-2355

Fax: (727) 669-1848

Address:

2575 Enterprise Road  
Clearwater, FL 33763-1102

### Contact Information

Name: Mrs. Christina Sackett

Title: Chief Financial Officer

Phone: (727) 796-2355

Email: csackett@tampabaywater.org

Address:

2575 Enterprise Road  
Clearwater, FL 33763-1102

### AFR Details

#### Original AFR

AFR Status: Submitted

AFR Received Date: 6/17/2016

Audit Received Date:

Submission Type: Electronic

### Debt Information

Long-Term Debt: \$1,063,353,145

### Audit Information

Was an audit performed? Yes

Audit Performed Date: 6/13/2016

Auditor Name: Ernst & Young LLP

Address:

One Tampa City Center  
Suite 2400  
201 North Franklin Street  
Tampa, Florida 33602

### Certification

#### Chief Financial Officer

Name: Christina Sackett

Title: Chief Financial Officer

#### Chairman/Elected Official

Name: Ted Schrader

Title: Chairman

Yes No

Have You Experienced a Financial Emergency in this year?

<input type="checkbox"/>	<input checked="" type="checkbox"/>
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If Yes, Have You Complied With Section 218.503(2), Florida Statutes?

<input type="checkbox"/>	<input type="checkbox"/>
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Auditor General Rule: Section 10.554(1)(h)6.b): If applicable, does the Annual Financial Report agree with the Audited Financial Statement? (Do total revenues and expenditures per fund group on the AFR balance to the audited Statement of Revenues and Expenditures?)

<input checked="" type="checkbox"/>	<input type="checkbox"/>
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## Expenditures Report for FYE 2015

Account/Object Code	General	Special Revenue	Debt Service	Capital Projects	Permanent	Enterprise	Internal Service	Pension	Trust	Component Units	Total
533.10 - Water Utility Services - Personal Services						11,723,195					11,723,195
533.30 - Water Utility Services - Operating Expenses						81,105,939					81,105,939
533.70 - Water Utility Services - Debt Service						53,173,193					53,173,193
Grand Total						146,002,327					146,002,327



Component Unit	Type	Total Revenues	Total Expenditures	Total Debt
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FINANCIAL STATEMENTS, REQUIRED  
SUPPLEMENTARY INFORMATION,  
AND COMPLIANCE SECTION

Tampa Bay Water  
(A Regional Water Supply Authority)  
Year Ended September 30, 2015  
With Reports of Independent Certified Public Accountants

Ernst & Young LLP



Building a better  
working world

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Financial Statements, Required Supplementary  
Information, and Compliance Section**

Year Ended September 30, 2015

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Tampa Bay Water  
(A Regional Water Supply Authority)

Financial Statements, Required Supplementary  
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Year Ended September 30, 2015

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## Report of Independent Certified Public Accountants

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

### **Report on the Financial Statements**

We have audited the accompanying financial statements of Tampa Bay Water, A Regional Water Supply Authority (the Agency), which comprise the statement of net position as of September 30, 2015, and the related statements of revenues, expenses and changes in net position and cash flows for the year then ended, and the related notes to the financial statements.

### ***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

### ***Auditor's Responsibility***

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's 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, the auditor considers 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. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant 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 audit opinion.

### ***Opinion***

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Agency as of September 30, 2015, and the changes in its net position and cash flows for the year then ended in conformity with U.S. generally accepted accounting principles.

### ***Adoption of GASB Statement No. 68, Accounting and Financial Reporting for Pensions, and GASB Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date***

As discussed in Note 11 to the financial statements, the Agency changed its method of accounting for pensions as a result of the adoption of Governmental Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions*, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date*, effective October 1, 2014. Our opinion is not modified with respect to this matter.

### ***Required Supplementary Information***

U.S. generally accepted accounting principles require that management's discussion and analysis, Schedule of Agency's Proportionate Share of Net Pension Liability – Florida Retirement System, Schedule of Agency's Contributions – Florida Retirement System, Schedule of Agency's Proportionate Share of Net Pension Liability – Health Insurance Subsidy Program, Schedule of Agency's Contributions – Health Insurance Subsidy Program, and Schedule of Funding Progress on pages 4 through 17 and pages 72 through 76 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, which considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### ***Supplementary Information***

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Agency's basic financial statements. The schedule of debt service coverage on page 83 is presented for the purposes of additional analysis and is not a required part of the basic financial statements.

The schedule of debt service is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the schedule of debt service is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

### ***Other Reporting Required by Government Auditing Standards***

In accordance with *Government Auditing Standards*, we also have issued our report dated June 13, 2016, on our consideration of the Agency's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Agency's internal control over financial reporting and compliance.

*Ernst + Young LLP*

June 13, 2016

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis

Year Ended September 30, 2015

This section of Tampa Bay Water, A Regional Water Supply Authority's (the Agency) annual financial report presents management's analysis of the Agency's financial performance during the fiscal year ended September 30, 2015. Please read it in conjunction with the financial statements, which follow this section.

**Financial Highlights**

- The Agency owns and operates facilities having a net book value of \$1.30 billion to provide water to its six Member Governments. Financial data for the fiscal year ended September 30, 2015, reflects the Agency's operations and maintenance of its existing facilities, as well as the development of new facilities to meet the region's future water needs. The facilities operating in 2015 included 15 wellfield systems, the Enhanced Surface Water System, and the Seawater Desalination Facility. The Enhanced Surface Water System comprises the Regional Surface Water Treatment Plant, High Service Pumping Station, Tampa Bypass Canal Pump Station and Pipeline, Alafia River Intake and Pump Station, and C.W. Bill Young Regional Reservoir. Additionally, operating facilities include Cypress Creek Pump Station, Keller Hydrogen Sulfide Treatment Facility and Lithia Hydrogen Sulfide Treatment Facility, as well as various booster stations, water treatment facilities, and approximately 200 miles of collection mains and large-diameter potable water transmission mains. The Agency also has administrative, laboratory, and infrastructure management facilities at Cypress Creek Wellfield and an administrative facility in Clearwater. The Agency is focused on the efficient and cost-effective management of this integrated system through improved processes, use of new technologies, and appropriate staffing. The Agency is currently engaged in a strategic planning process, which will further focus Agency activities for the future. A management and performance audit was also completed in fiscal 2015, which outlines the Agency's strengths and provides additional focus for enhancements in operational efficiency.
- The Agency's net position increased \$8.9 million or 1.17% in fiscal 2015, reflecting, most notably, a \$6.5 million increase in capital assets.
- The Agency's restricted assets, consisting of cash, investments, and grants receivable, decreased by \$0.6 million, or 1.28%, from 2014 to 2015.
- Decreased water demand from its six members resulted in a slight decrease in water production from 157.0 mgd in 2014 to 156.1 mgd in 2015. Increased rainfall and conservation efforts contributed to the decreased demand.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Highlights (continued)**

- During 2015, the Agency's revenue from water sales was \$154.7 million. In addition, \$1.2 million was transferred into the Rate Stabilization Account in accordance with contractual obligations with the Agency's members and Agency accounting policies, resulting in a decrease in revenue recognized of \$7.6 million from 2014 to 2015.
- The Agency's operating expenses increased by \$0.5 million, or 0.80%, from 2014 to 2015, as a result of its 2015 budget policies.
- During 2010, the Agency assembled an advisory team and commenced a competitive procurement process in furtherance of its plan to find a permanent solution to the failure of the regional reservoir's flat-plate soil-cement as an erosion control measure. The procurement process was completed in 2011, and a permanent fix is substantially complete with an initial filling in late July 2014, and Florida Department of Environmental Protection (FDEP) approval in November 2014 to fully operate the reservoir.

**Overview of the Financial Statements**

This annual report consists of two parts: management's discussion and analysis of the financial statements and the financial statements. The financial statements also include notes that explain the information contained in the financial statements in greater detail.

**Required Financial Statements**

The financial statements of the Agency use accounting methods similar to those used by private sector companies. The statement of net position includes all of the Agency's assets and deferred outflows of resources and liabilities and deferred inflows of resources and provides information about the nature and amounts of investment in resources (assets) and the obligations to Agency creditors (liabilities). The assets and liabilities are presented in a classified format, which distinguishes between current and noncurrent assets and liabilities. Current assets are those assets expected to be converted to cash or used to pay current liabilities within 12 months. Current liabilities are those expected to be paid within 12 months. Conversely, noncurrent assets and liabilities are those expected to extend beyond a 12-month period. The statement of net position also provides the basis for computing rate of return, evaluating the capital structure of the

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Required Financial Statements (continued)**

Agency, and assessing the liquidity and financial flexibility of the Agency. All of the current year's revenues and expenses are accounted for in the statement of revenues, expenses, and changes in net position.

This statement reports information about the Agency's activities and measures the success of the Agency's operations over the past year.

The final required financial statement is the statement of cash flows. The primary purpose of this statement is to provide information about the Agency's sources and uses of cash during the reporting period. The statement reports cash receipts, cash payments, and net changes in cash resulting from operating, investing, and financing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in the cash balance during the reporting period.

In addition, the annual report included required supplementary information related to pensions and other post-employment benefits as required by GASB.

**Financial Analysis of the Agency**

Our analysis of the Agency begins with a measure of the Agency's financial position or financial health by reporting its assets and deferred outflows of resources and liabilities and deferred inflows of resources and the difference between them, the "net position." Over time, increases or decreases in the Agency's net position are one indicator of whether its financial health is improving or deteriorating. However, other nonfinancial factors such as new water supply facilities, water demand, economic conditions, population growth, state and federal regulation, and changes in government legislation must also be considered in evaluating the Agency's financial health. Consideration also needs to be given to the terms of the Agency's agreements with its members under which water rates are established based on budgeted operating and capital costs, as well as certain reserve requirements. The statement of revenues, expenses, and changes in net position provides information that is useful in evaluating whether the Agency has successfully recovered all its costs through its water rates and other charges, as well as its creditworthiness.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Management's Discussion and Analysis (continued)**

**Financial Analysis of the Agency (continued)**

***Net Position***

A summary of the Agency's statements of net position is presented in Table A-1.

**Table A-1**  
**Condensed Statements of Net Position**  
*(In Millions of Dollars)*

	<b>FY 2015</b>	<b>FY 2014*</b>
<b>Assets</b>		
Current unrestricted assets	\$ 27.8	\$ 15.9
Current restricted assets	193.5	210.7
Non-current assets	1,665.1	1,688.0
<b>Total assets</b>	<b>\$ 1,886.4</b>	<b>\$ 1,914.6</b>
<b>Deferred outflows of resources</b>		
Loss on refunding of debt	\$ 53.5	\$ 53.1
Unrealized pension contributions and losses – FRS	1.3	–
Unrealized pension contributions and losses – HIS	0.5	–
<b>Total deferred outflows of resources</b>	<b>\$ 55.3</b>	<b>\$ 53.1</b>
<b>Liabilities and net position</b>		
<b>Liabilities:</b>		
Long-term debt outstanding	\$ 1,063.4	\$ 1,092.7
Other liabilities	76.4	78.8
<b>Total liabilities</b>	<b>\$ 1,139.8</b>	<b>\$ 1,171.5</b>
<b>Deferred inflows of resources</b>		
Rate stabilization	\$ 32.1	\$ 30.9
Unrealized pension gains – FRS	0.8	–
Unrealized pension gains – HIS	–	–
<b>Total deferred inflows of resources</b>	<b>\$ 32.9</b>	<b>\$ 30.9</b>
<b>Net position</b>		
Net investment in capital assets	\$ 692.6	\$ 686.2
Restricted	42.9	43.4
Unrestricted	33.4	30.4
<b>Total net position</b>	<b>\$ 768.9</b>	<b>\$ 760.0</b>

\* Fiscal year 2014 is restated to reflect an adjustment to the net position as a result of recording the net pension liability, in conjunction with implementing GASB Statement No. 68 in 2015.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

*Net Position (continued)*

As shown in table A-1, total net position increased \$8.9 million, or 1.17%, to \$768.9 million in fiscal 2015 from \$760.0 million in fiscal 2014. The major component of net position is the net investment in capital assets, which increased by \$6.4 million during the fiscal year. This increase results from a \$12.5 million decrease in capital assets offset by a \$13.5 million decrease in long-term debt and a \$5.4 million decrease in construction funds accounts payable.

Further examination of net position shows that restricted net position (those established by debt covenants, enabling legislation, or other legal requirements) experienced a decrease of \$0.5 million in fiscal 2015.

Unrestricted net position increased by \$3.0 million from 2014 to 2015, resulting primarily from a \$4.7 million decrease in accounts receivable offset by a \$2.0 million decrease in accounts payable.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

***Change in Net Position***

**Table A-2**  
**Condensed Statements of Revenues, Expenses, and Changes in Net Position**  
*(In Millions of Dollars)*

	<b>FY 2015</b>	<b>FY 2014</b>
Operating revenues	<b>\$ 153.5</b>	\$ 161.2
Operating expenses	<b>(64.1)</b>	(63.7)
Operating income before depreciation	<b>89.4</b>	97.5
Depreciation	<b>(28.7)</b>	(24.8)
Operating income	<b>60.7</b>	72.7
Investment revenue, net of realized and unrealized gain (loss) of \$0.1 and \$(0.2) in 2015 and 2014, respectively	<b>1.2</b>	0.8
Less capitalized interest	-	(0.1)
Interest expense	<b>(54.1)</b>	(50.9)
Less capitalized interest	<b>0.9</b>	3.3
Loss on disposal of capital assets, net	<b>(0.8)</b>	(4.7)
Litigation recoveries	<b>1.0</b>	-
Change in net position	<b>8.9</b>	21.1
Total net position – beginning	<b>760.0</b>	744.2
Cumulative effect of implementation of GASB 68	-	(5.3)
Total net position – beginning, as restated	<b>760.0</b>	738.9
Total net position – ending	<b>\$ 768.9</b>	\$ 760.0

Table A-2 reflects the statements of revenues, expenses, and changes in net position and provides information as to the nature and source of these changes.

As shown in Table A-2, 2015 the change in net position decreased from 2014 by \$12.2 million, or 57.82%. The decrease results primarily from the \$3.9 million increase in depreciation expense and the \$7.0 million decrease in rate stabilization transfer.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

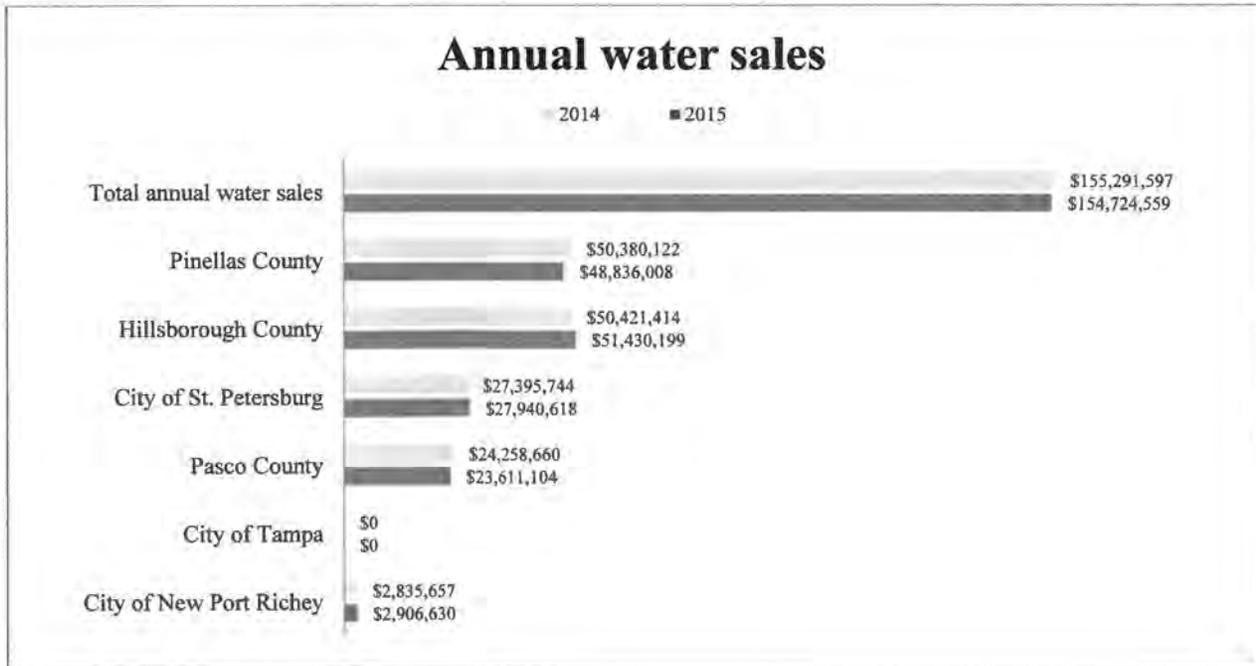
**Management’s Discussion and Analysis (continued)**

**Financial Analysis of the Agency (continued)**

***Change in Net Position (continued)***

As illustrated in the following charts, total water sales billed to Member Governments were \$154.7 million in 2015 compared \$155.3 million in 2014. Demand decreased by 0.61% from 157.02 mgd (millions of gallons per day) in 2014 to 156.07 mgd in 2015. The decrease in demand results from a combination of factors, including the continued impacts of regional economic conditions, as well as a rainy season. Consequently, with Hillsborough River flows sufficient to meet its self-supplied needs, regional water demand for City of Tampa stayed at 0.00 mgd in 2014 and 2015.

Amounts billed differ from total water sales revenue by the amount of water sales revenue that is collected but deferred to subsequent periods or recognized from deferred revenue of previous periods. In 2015, deferred inflows of resources – rate stabilization increased by \$1.2 million from 2014 with a corresponding decrease in revenue as a result of rate stabilization fund transfers to meet future operating expenses.

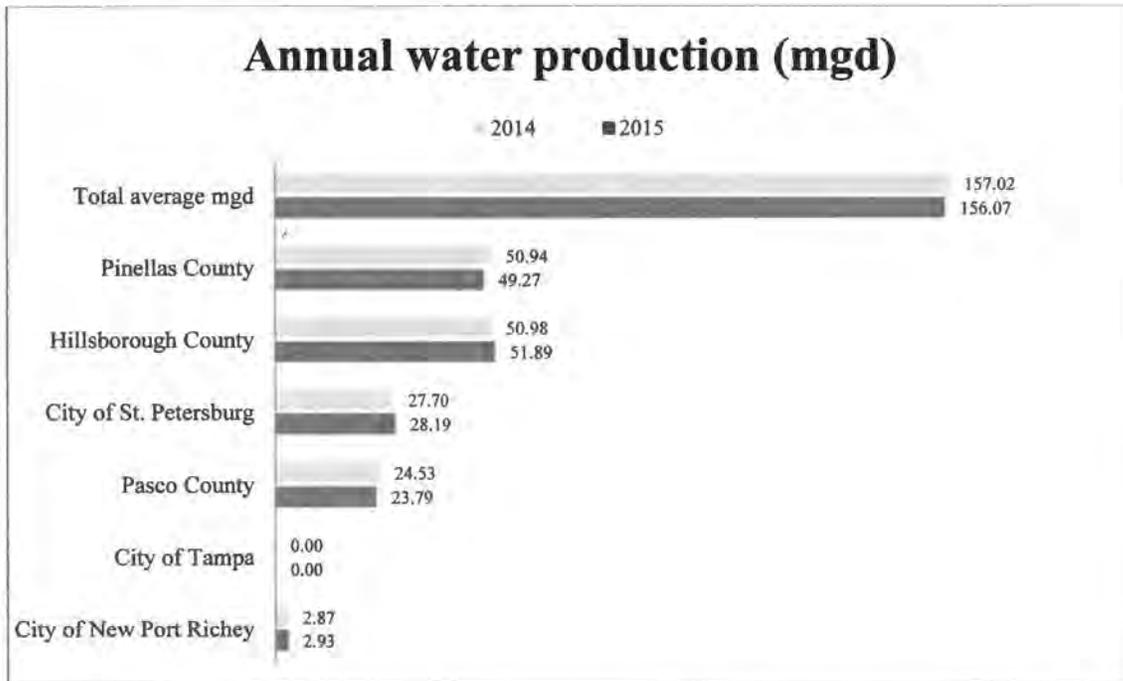


**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Management's Discussion and Analysis (continued)**

**Financial Analysis of the Agency (continued)**

*Change in Net Position (continued)*



In its 2015 budget process, the Agency continued to focus on holding its controllable expenses to its previous year's actual expenditures levels wherever operationally feasible. As a result of this focus, the Agency's operating expenses in 2015 slightly increased by \$0.4 million from 2014.

Depreciation expense increased by \$3.9 million in 2015 from 2014, largely due to the reservoir being placed back into service in early 2015.

Concerns over the stability of financial markets continue to delay investing in higher yielding investments. Investment revenue, after capitalization, increased by \$0.5 million from 2014 to 2015. Agency funds remained largely in public deposit accounts, including certificates of deposit, due to concerns with the financial markets.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

***Change in Net Position (continued)***

Interest expense increased \$5.5 million net of interest capitalized in 2015. This net increase is due primarily to a \$2.3 million decrease in the portion capitalized resulting from decreased construction project activity. Interest expense increased \$1.8 million net of interest capitalized in 2014.

Loss on disposal of capital assets consists of the net gain or loss from sale or disposal of obsolete, damaged, or surplus equipment and property and the write-off of costs of discontinued projects. In 2015, the net loss of \$0.8 million resulted primarily from the write-off of costs associated with various small assets. In 2014, the net loss on disposal of capital assets of \$4.7 million resulted primarily from the disposal of certain equipment related to the reservoir.

***Capital Assets***

The Agency had invested \$1,292.3 million and \$1,304.9 million at September 30, 2015, and 2014, respectively, in a broad range of infrastructure, including wellfields, water treatment and pumping facilities, transmission mains, buildings, a reservoir, and other maintenance and administration equipment as shown in Table A-3. The Agency has an additional \$318.1 million invested in water rights at the various wellfields.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

*Capital Assets (continued)*

**Table A-3**  
**Capital Assets**  
*(In Millions of Dollars)*

	<b>FY 2015</b>	<b>FY 2014</b>
Land and improvements	\$ 82.3	\$ 82.3
Wells and wellfield improvements	135.7	132.5
Water treatment and pumping facilities	679.6	671.6
Transmission mains	339.7	339.7
Buildings	19.5	19.5
Reservoir	296.7	155.7
Other equipment and software	19.1	18.9
	<b>1,572.6</b>	<b>1,420.2</b>
Less accumulated depreciation	<b>305.3</b>	<b>277.7</b>
	<b>1,267.3</b>	<b>1,142.5</b>
Construction-in-progress:		
Water treatment plants and booster stations	0.3	4.0
Transmission mains	-	1.1
Surface water sources and pumping facilities	2.9	138.8
Wellfields and improvements	7.6	8.4
Desalination facilities	14.2	10.1
Other supply and infrastructure	-	-
Software in development	-	-
	<b>25.0</b>	<b>162.4</b>
Capital assets, net	<b>\$ 1,292.3</b>	<b>\$ 1,304.9</b>

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

***Capital Assets (continued)***

The Agency has several projects in various stages of development to improve or expand existing facilities and to meet future demand for water. In 2015, construction-in-progress decreased \$137.4 million over 2014 largely due to the reservoir renovation being complete and placed back into production.

**Bond Ratings**

**Limitations on Debt**

Agency ratings from Moody's, Standard & Poor's and Fitch are Aa1, AA+, and AA+, respectively. All outstanding bonds prior to the 2008 Series bonds carry insurance with Financial Guaranty Insurance Company. The Series 2008, 2010, 2011, 2011A, 2011B, 2013, 2015A and 2015B bonds do not carry insurance. Financial Guaranty Insurance Company ratings from Moody's, Standard & Poor's and Fitch were withdrawn in 2009.

Bond covenants allow for the issuance of additional debt, on parity, as to lien, on the net revenues of the Agency provided certain net earnings ratios are met. The major criteria are (1) that the net revenues (as defined in the covenants) for any 12 consecutive months selected by the issuer, of the 24 months immediately preceding the issuance of the additional bonds, together with the fund balance (as defined in the covenants) on the last day of such 12-month period, were equal to at least 125% of the debt service on the outstanding bonds during such 12-month period and (2) the net revenues for such 12-month period were equal to at least 100% of (a) the debt service due on the outstanding bonds for the 12-month period, (b) any required deposit to the Renewal and Replacement Fund, and (c) any required deposit to the Reserve Fund. The Agency is in compliance with all required financial and nonfinancial debt covenants.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

*Capital Assets (continued)*

**Table A-4**  
**Cost of Capital**  
*(In Millions)*

	<b>Debt Balance</b>	<b>Average Coupon Rate</b>
2001A bonds	\$ 50.0	5.93%
2004 bonds	58.4	5.25
2005 bonds	150.2	5.50
2006 bonds	0.7	5.00
2008 bonds	101.4	5.00
2010 bonds	67.0	4.97
2011 bonds	78.4	5.00
2011A bonds	46.6	4.90
2011B bonds	29.7	4.83
2013 bonds	75.3	4.83
2015A bonds	180.8	4.15
2015B bonds	96.0	3.05
	<u>\$ 934.5</u>	

Under the Agency's budgetary process, rates are established to provide adequate coverage for existing and planned additional debt. This is demonstrated by the Agency's coverage ratios, which are 1.43 and 1.51 at September 30, 2015, and 2014, respectively. These coverage ratios are another indicator of the Agency's financial strength and future borrowing capability.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Management's Discussion and Analysis (continued)**

**Financial Analysis of the Agency (continued)**

***Capital Assets (continued)***

**Table A-5**  
**Debt Coverage Ratio**  
*(In Millions of Dollars)*

	<b>FY 2015</b>	<b>FY 2014</b>
Revenue from sales	\$ 153.5	\$ 161.2
Less: Purchase price amortization credit	(10.2)	(10.2)
Litigation and insurance recoveries	1.0	-
Investment revenue – unrestricted <i>(Note 1)</i>	0.7	0.6
Total revenue	<u>145.0</u>	<u>151.6</u>
Operation and maintenance expenditures <i>(Note 2)</i>	(66.2)	(66.8)
Net revenue for coverage calculation	<u>\$ 78.8</u>	<u>\$ 84.8</u>
Total debt service on bonds	\$ 72.6	\$ 75.3
Required deposit to Capital Improvement Fund	3.0	6.0
Required deposit to Renewal and Replacement Fund	2.9	2.6
Total debt service and reserve requirements	<u>\$ 78.5</u>	<u>\$ 83.9</u>
Debt service and reserve coverage (times)	<u>1.00</u>	<u>1.01</u>
Fund balance <i>(Note 3)</i>	\$ 25.0	\$ 29.0
Net revenue plus fund balance	<u>\$ 103.8</u>	<u>\$ 113.8</u>
Debt service coverage (times)	<u>1.43</u>	<u>1.51</u>

Note 1: Investment revenue does not include interest on construction funds of \$0.2 million and \$0.4 million in 2015 and 2014, respectively, or realized investment gains (losses) of \$0.0 million and \$(0.3) million in 2015 and 2014, respectively, or unrealized investment gains (losses) of \$0.3 million in 2015 and unrealized gains of \$0.09 million in 2014.

Note 2: Operation and maintenance expenditures include capital expenditures for maintenance of the existing system of \$2.1 million and \$1.6 million in 2015 and 2014, respectively. Expenditures also include litigation settlement of \$1 million and \$0 in 2015 and 2014, respectively.

Tampa Bay Water  
(A Regional Water Supply Authority)

Management's Discussion and Analysis (continued)

**Financial Analysis of the Agency (continued)**

***Capital Assets (continued)***

Note 3: Fund balance is defined by the Master Bond Resolution and is calculated as of the prior year-end in accordance with the Master Bond Resolution.

***Economic Factors and Next Year's Budget and Rates***

The Agency's rate structure consists of a fixed cost portion to ensure funding of necessary activities and debt service and a variable cost portion to provide funding for costs, which fluctuate directly with production.

The Agency's Board of Directors and management considered many factors when setting the fiscal year 2016, budget and water rates (Uniform Rate). These factors include the estimated demands provided by the Agency's Member Governments, which in turn consider such factors as anticipated population growth of the three counties, environmental conditions, and the economy of the region as a whole. The budgeted Uniform Rate for 2016 is \$2.5590 per thousand gallons, which is consistent with the 2015 and 2014 rates. The budgeted demand for 2016 decreased by 3.6 million gallons per day from 2015 budgeted demand, but this decrease was offset by a \$2.4 million, or 1.47%, decrease of budgeted expenditures for 2016 from the 2015 budgeted expenditures, so the rate is not increasing.

The Agency uses surveys of its Member Governments and local employment market rates when establishing its job classifications and pay plan. These indicators were also taken into consideration when adopting the Agency budget for fiscal year 2016.

This financial report is designed to provide a general overview of the Agency's finances for those having an interest therein. Questions concerning any of the information provided in this report or requests for additional information should be addressed to the Director of Finance and Administration at 2575 Enterprise Road, Clearwater, FL, 33763. Information about the Agency is also available on its website at [www.tampabaywater.org](http://www.tampabaywater.org).

# Financial Statements

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Statement of Net Position**

September 30, 2015

**Assets**

**Current assets:**

Unrestricted assets:

Cash and cash equivalents	\$ 5,619,696
Accounts receivable from sale of water	5,530,846
Interest receivable	118,936
Investments	15,465,816
Inventories	884,653
Other current assets	151,478
<b>Total unrestricted assets</b>	<u>27,771,425</u>

Restricted assets:

Cash and cash equivalents	<u>193,455,774</u>
<b>Total restricted assets</b>	<u>193,455,774</u>

**Total current assets**

221,227,199

**Noncurrent assets:**

Investments, unrestricted	54,316,237
Capital assets, non-depreciable	104,055,428
Capital assets, depreciable, net	1,188,317,120
Water capacity rights	318,058,360
Bond issue costs, net of accumulated amortization of \$824,651	319,039

**Total noncurrent assets**

1,665,066,184

**Total assets**

1,886,293,383

**Deferred outflows of resources**

Loss on refunding of debt	53,532,383
Unrealized pension contributions and losses – FRS	1,340,461
Unrealized pension contributions and losses – HIS	482,506
<b>Total deferred outflows of resources</b>	<u>55,355,350</u>
<b>Total assets and deferred outflows of resources</b>	<u>1,941,648,733</u>

*Continued on next page.*

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Statement of Net Position (continued)**

September 30, 2015

**Liabilities**

**Current liabilities:**

Accounts payable and accrued expenses	\$ 9,431,723
Credits due to customers	1,623,717
<b>Total current liabilities</b>	<u>11,055,440</u>

**Current liabilities payable from restricted assets:**

Construction funds accounts payable	3,257,214
Accrued interest payable	23,018,518
Current portion of long-term debt	32,612,438
<b>Total current liabilities payable from restricted assets</b>	<u>58,888,170</u>

**Noncurrent liabilities:**

Long-term debt, net of current portion	1,063,353,145
Other post-employment benefits	320,331
Net pension liability – FRS Pension Plan	3,122,547
Net pension liability – HIS plan	3,104,772
<b>Total noncurrent liabilities</b>	<u>1,069,900,795</u>
<b>Total liabilities</b>	<u>1,139,844,405</u>

**Deferred inflows of resources**

Rate stabilization	32,113,161
Unrealized pension gains – FRS	819,671
<b>Total deferred inflows of resources</b>	<u>32,932,832</u>

**Net position**

Net investment in capital assets	692,643,905
<b>Restricted for:</b>	
Renewal and replacement	26,350,159
Capital improvement	11,846,831
Operations and maintenance	4,476,199
Energy savings program	179,695
<b>Unrestricted</b>	<u>33,374,707</u>
<b>Total net position</b>	<u>\$ 768,871,496</u>

*See accompanying notes.*

Tampa Bay Water  
(A Regional Water Supply Authority)

Statement of Revenues, Expenses, and Changes in Net Position

Year Ended September 30, 2015

Revenue from sale of water	\$ 154,724,559
Rate stabilization transfer	<u>(1,172,575)</u>
Total operating revenue	153,551,984
Operating expenses	<u>(64,117,276)</u>
Operating income before depreciation	89,434,708
Depreciation expense	<u>(28,692,538)</u>
Operating income	60,742,170
Nonoperating revenues (expenses):	
Investment revenue, net of realized and unrealized gain of \$127,823	1,247,218
Less capitalized amount	(19,513)
Interest expense	(54,163,859)
Less capitalized amount	990,665
Loss on disposal of capital assets	(852,691)
Litigation recoveries	<u>979,352</u>
Total nonoperating expenses, net	<u>(51,818,828)</u>
Change in net position	8,923,342
Total net position – beginning	765,259,189
Cumulative effect of implementation of GASB 68	<u>(5,311,035)</u>
Total net position – beginning (as restated)	759,948,154
Total net position – ending	<u>\$ 768,871,496</u>

*See accompanying notes.*

Tampa Bay Water  
(A Regional Water Supply Authority)

Statement of Cash Flows

Year Ended September 30, 2015

**Operating activities**

Receipts from customers	\$ 159,046,243
Payments for goods and services	(56,268,769)
Payments to employees	(9,731,277)
Litigation recoveries	979,352
Net cash provided by operating activities	<u>94,025,549</u>

**Capital and related financing activities**

Proceeds from issuance of Series 2015A/B bonds	302,043,489
Payment to escrow agent on bond refunding	(301,121,428)
Acquisition and construction of capital assets	(16,217,549)
Proceeds from disposition of capital assets	167,077
Increase in accounts payable from restricted assets	(5,418,218)
Principal paid on capital and other long-term debt	(32,238,062)
Payment of bond issue costs	(1,452,414)
Interest paid on capital and other long-term debt	(51,654,724)
Net cash used in capital and related financing activities	<u>(105,891,829)</u>

**Investing activities**

Proceeds from sales and maturities of investments	43,501,778
Purchase of investments	(44,439,597)
Interest received on investments	970,769
Net cash provided by investing activities	<u>32,950</u>

Net change in cash and cash equivalents	(11,833,330)
Cash and cash equivalents, beginning of year	210,908,800
Cash and cash equivalents, end of year	<u>\$ 199,075,470</u>

*Continued on next page.*

Tampa Bay Water  
(A Regional Water Supply Authority)

Statement of Cash Flows (continued)

Year Ended September 30, 2015

**Reconciliation of operating income to net cash  
provided by operating activities**

Operating income	\$ 60,742,170
Adjustments to reconcile operating income to net cash provided by operating activities:	
Depreciation expense	28,692,538
Rate stabilization transfer	1,172,575
Litigation recoveries	979,352
Changes in operating assets and liabilities:	
Accounts receivable	4,758,688
Inventories	(8,686)
Other current assets	43,233
Accounts payable and accrued expenses	(2,013,635)
Credits due to customers	(340,686)
Total adjustments	<u>33,283,379</u>
Net cash provided by operating activities	<u>\$ 94,025,549</u>

**Supplemental schedule of noncash investing and financing activities**

The Agency recognized an increase in the fair value  
of its investments of \$277,714.

*See accompanying notes.*

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements

September 30, 2015

**1. Organization**

Tampa Bay Water, A Regional Water Supply Authority (the Agency), formerly West Coast Regional Water Supply Authority (the Predecessor Authority), was created on October 25, 1974, by enabling state legislation under *Florida Statute* Sections 163.01, 373.1962, and 373.1963. Hillsborough, Pasco, and Pinellas counties and the cities of St. Petersburg, Tampa, and New Port Richey comprise the Member Governments of the Agency. A governance study was adopted by the Florida Legislature in 1997 (the 1997 Legislation) that amended Section 373.1963, *Florida Statutes*.

As part of the 1997 Legislation, the Agency was created by the Interlocal Agreement and entered into the Master Water Supply Contract with its Member Governments for a term of 40 years. Pursuant to the Amended and Restated Interlocal Agreement and Master Water Supply Contract:

- The Agency will charge a uniform per-gallon wholesale rate to Member Governments for the wholesale supply of drinking water, with one exception for the City of Tampa. The Agency will charge a separate rate to the City of Tampa for water delivered from the Tampa Bypass Canal.
- All Member Governments relinquished to the Agency their individual rights to develop drinking water supplies subject to certain exceptions as defined in the Amended and Restated Interlocal Agreement.
- The Agency has the absolute and unequivocal obligation to meet the quality water needs of the Member Governments as defined in the Master Water Supply Contract.
- The Member Governments are required to maintain and collect such rates or other charges for the use of the products, services, and facilities of the respective members' water utility systems to the extent necessary to fund the timely payment of their respective obligations and liabilities under the Master Water Supply Contract.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies**

**Operating Revenue and Expense**

The Agency considers all revenue and expense associated with the delivery of water to customers to be operating activities. All other revenue and expense are considered to be nonoperating activities.

**Net Position**

Net position is classified into three components:

- *Net Investment in Capital Assets* – This component of net position consists of capital assets, net of accumulated depreciation, reduced by the outstanding balances of bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt are also included in this component of net position. If there are significant unspent related debt proceeds or deferred inflows of resources at the end of the reporting period, the portion of the debt or deferred inflows of resources attributable to the unspent amount is not included in the calculation of net investment in capital assets. Instead, that portion of the debt or deferred inflows of resources is included in the same net position component as the unspent proceeds.
- *Restricted* – This component consists of net position whose use is subject to external constraints (such as through debt covenants) by creditors, grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- *Unrestricted Net Position* – This component consists of net position elements that do not meet the definition of restricted or net investment in capital assets.

The accounting policies and practices of the Agency conform to accounting principles generally accepted in the United States applicable to an enterprise fund of a government unit.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**Measurement Focus and Basis of Accounting**

The Agency is accounted for on the flow of economic resources measurement focus and uses the accrual basis of accounting in the preparation of its annual financial statements. The accounting and reporting policies of the Agency conform to the accounting rules prescribed by the Governmental Accounting Standards Board (GASB). The Agency follows private sector guidance contained in GASB Statement No. 62, *Codification of Accounting and Financial Reporting Guidance contained in pre-November 30, 1989 FASB and AICPA pronouncements*, which was adopted effective October 1, 2012.

Under the provisions of the Agency's Amended and Restated Interlocal Agreement and the Master Water Supply Contract, the Agency establishes a single uniform rate for sale of quality water to Member Governments, provided, however, that a separate rate is established for sale of water from the Tampa Bypass Canal to the City of Tampa. The rate to be charged in a fiscal year to the Member Governments for water may include the following components as defined by the agreements: (1) operation, maintenance, and administrative costs; (2) debt service charges; (3) renewal and replacement charges; (4) bond coverage costs; (5) capital improvement charges; and (6) operating reserve funds. The Agency may also establish a rate stabilization fund to be funded from the operation, maintenance, and administrative costs or operating reserve funds. This method of rate setting results in costs being included in the determination of rates in different periods than when these costs are recognized for financial statement purposes.

The Agency capitalizes certain costs or defers certain revenue when three criteria are met. The Agency meets the required criteria since its rates are established by its Board in accordance with the Amended and Restated Interlocal Agreement and Master Water Supply Contract, rates are designed to recover Agency costs, and the Agency can reasonably expect to collect such rates.

**Cash Equivalents**

For purposes of the statement of cash flows, cash equivalents are defined as short-term, highly liquid investments that are both readily convertible to known amounts of cash and have original maturities of 91 days or less.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**Investments**

Investments are reported at fair value in the statement of net position, except for money market funds and U.S. government obligations with original maturities less than one year, which are reported at amortized cost as permitted by GASB Statement No. 31, *Accounting and Financial Reporting for Certain Investments and for External Investment Pools*. All changes in the fair value of investments are recognized as gains or losses in the statement of revenues, expenses, and changes in net position.

**Materials and Supplies Inventories**

Materials and supplies inventories consist primarily of spare parts and are stated at the lower of average cost or market. Average cost approximates the first-in, first-out method.

**Capital Assets**

It is the Agency's policy to capitalize property and equipment having an original cost in excess of \$1,000 and a useful life longer than one year, except for computer software, which is capitalized when the original cost exceeds \$25,000. Capital assets are stated at cost. Depreciation is computed using the straight-line method over the estimated useful lives of the assets as follows:

	<u>Life in Years</u>
Land improvements	10-99
Buildings	20-50
Wells and wellfield improvements	5-75
Water treatment and pumping facilities	10-50
Transmission mains	14-75
Reservoir	100
Other equipment and software	3-20

Maintenance, repairs, and minor renewals are charged to expense as incurred. Expenditures that materially increase value, increase capacity, or extend useful lives are capitalized. Capital assets are removed (net of accumulated depreciation) upon retirement or disposition. Related gains or losses are charged to nonoperating activities.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**Water Capacity Rights**

Water capacity rights represent the Agency's rights in certain wholesale water supply wellfields. The Agency accounts for the water capacity rights in accordance with the provisions of GASB Statement No. 51, *Accounting and Financial Reporting for Intangible Assets*. This statement requires that indefinite-lived intangible assets not be amortized, but instead be tested for impairment at least annually and whenever events or changes in circumstances indicate that the carrying value may not be recoverable. The Agency has not identified any indicators of impairment relative to the water capacity rights at September 30, 2015.

**Impairment of Capital Assets and Insurance Recoveries**

The Agency accounts for impairment of capital assets and insurance recoveries in accordance with the provisions of GASB Statement No. 42, *Accounting and Financial Reporting for Impairment of Capital Assets and for Insurance Recoveries*. This statement requires that capital assets be reviewed for impairment whenever events or changes in circumstances indicate that the service utility of the asset has declined significantly and unexpectedly. Impaired capital assets that will no longer be used are reported at the lower of carrying value or fair value. Impairment losses on capital assets that will continue to be used are measured using the method that best reflects the diminished service utility of the asset: restoration cost approach, service units approach, or deflated depreciated replacement cost approach. Insurance recoveries related to impairment losses are netted against the impairment loss if received in the same year; otherwise the recovery is reported as revenue in the year received. No impairment losses were recognized in 2015.

**Capitalization of Interest**

Interest costs incurred are capitalized as part of the cost of constructing capital assets. In instances where proceeds of the related debt are externally restricted to financing the construction, the interest earned on funds restricted for construction are offset against the interest costs capitalized.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**Bond Issue Costs, Bond Discounts, and Bond Premiums**

The Agency accounts for bond issuance costs in accordance with the provisions of GASB Statement No. 65, *Items Previously Reported as Assets and Liabilities*. Bond issue costs (related to insurance) are recorded as deferred charges, whereas bond discounts and premiums are recorded as a reduction of, or addition to, the face amount of bonds payable. All other bond issue costs are expensed as incurred. Amortization of bond issue costs, bond discounts, and bond premiums is calculated over the life of the bonds using the bonds outstanding method, which approximates the effective interest method and is reported as a component of interest expense.

**Unamortized Losses on Debt Refunding**

Losses resulting from current or advance refundings of debt are deferred and amortized over the shorter of the life of the new debt or the remaining life of the old debt and are reported as deferred outflows of resources in accordance with GASB Statement No. 65. The amount amortized is reported as a component of interest expense.

**Commitments and Contingencies**

Liabilities for loss contingencies arising from claims, assessments, litigation, fines and penalties, and other sources are recorded when it is probable that a liability has been incurred and the amount can be reasonably estimated.

**Rate Stabilization**

Under the Amended and Restated Interlocal Agreement and the Master Water Supply Contract, the Board of Directors may establish rates sufficient to fund a Rate Stabilization Account. The contracts also provide that funds collected in any year in excess of current costs may be deposited to the Rate Stabilization Account with Board approval. Funds placed in the Rate Stabilization Account are accounted for as deferred inflows of resources until the year in which the Board of Directors approves their use to meet current costs of the Agency. Funds expected to be used in the next fiscal year are recorded as a current liability.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**Capital Contributions**

Capital contributions represent capital grants from the Southwest Florida Water Management District (the District), including pass-through funds from the state Community Budget Issue Request (CBIR) and Water Protection and Sustainability Program Trust Fund (WPSPTF) programs. Contributions are recognized when all applicable eligibility requirements of the grant have been met, pursuant to GASB Statement No. 33, *Accounting and Financial Reporting for Nonexchange Transactions*. The Agency did not have any capital contributions during the year ended September 30, 2015.

**Sales and Pledges of Receivables and Future Revenues**

The Agency provides disclosure of pledged revenues in accordance with the requirements of GASB Statement No. 48, *Sales and Pledges of Receivables and Future Revenues and Intra-Entity Transfers of Assets and Future Revenue*, which establishes accounting and financial reporting standards for transactions in which a government receives, or is entitled to, resources in exchange for future cash flows generated by collecting specific receivables or specific future revenues. The Agency has no sales or pledges of receivables and future revenues except as discussed in Note 10.

**Pensions**

For purposes of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, the information about the fiduciary net position of the Florida Retirement System (FRS) and additions to/deductions from FRS Pension Plan and Health Insurance Subsidy Program (HIS) fiduciary net position have been determined on the same basis as they are reported by FRS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**Implementation of New Accounting Pronouncements**

*GASB Statement No. 68, Accounting and Financial Reporting for Pensions – and amendment of GASB Statement No. 27*

This statement is effective for periods beginning after June 15, 2014. This statement establishes standards for measuring and recognizing liabilities, deferred outflows of resources and deferred inflows of resources and expenses related to pensions. This statement requires cost-sharing employers to record a liability and expenses equal to their proportionate share of the collective net pension liability and expense for the cost-sharing plan. It also enhances accountability and transparency through revised and new note disclosures and required supplementary information.

*GASB Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date – and amendment of GASB Statement No. 68*

This statement is effective for periods beginning after June 15, 2014. This statement amends paragraph 137 of GASB Statement No. 68 to require that, at transition, a government recognizes a beginning deferred outflow of resources for its pension contributions, if any, made subsequent to the measurement date of the beginning net pension liability.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Notes to Financial Statements (continued)**

**2. Summary of Significant Accounting Policies (continued)**

**Implementation of New Accounting Pronouncements (continued)**

The Agency's beginning net position at October 1, 2014, has been restated as follows for the implementation of GASB Statement No. 68, as amended by GASB Statement No. 71:

Net position as previously reported at September 30, 2014	\$ 765,259,189
Deferred outflows of resources – contributions (employer – subsequent to prior measurement date) – FRS	\$ 129,925
Deferred outflows of resources – assumptions – FRS	226,349
Deferred inflows of resources – experience – FRS	(80,881)
Deferred inflows of resources – investments – FRS	(2,180,281)
Deferred outflows of resources – employer specific – FRS	384,482
Net pension liability 10/01/2014 – FRS	(1,306,993)
Deferred outflows of resources – contributions (employer – subsequent to prior measurement date) – HIS	25,499
Deferred outflows of resources – assumptions – HIS	95,815
Deferred inflows of resources – investments – HIS	1,293
Deferred outflows of resources – employer specific – HIS	86,393
Net pension liability 10/01/2014 – HIS	(2,692,636)
Adjustment – cumulative effect on net position	(5,311,035)
Net position as restated, October 1, 2014	<u>\$ 759,948,154</u>

The Agency's employees are provided pensions through the Florida Retirement System (FRS), a cost-sharing multiple-employer defined benefit plan administered by the Division of Retirement. FRS issues a publicly available financial report that can be obtained at <http://www.dms.myflorida.com/>.

**New Accounting Pronouncements – Not Yet Effective**

In February 2015, the GASB issued Statement No. 72, *Fair Value Measurement and Application*. This statement addresses accounting and financial reporting issues related to fair value measurements. It provides guidance for applying fair value to certain investments and disclosures related to all fair value measurements. GASB Statement No. 72 is effective for financial statement periods beginning after June 15, 2015. The impact to the Agency's financial reporting has not been determined.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**New Accounting Pronouncements – Not Yet Effective (continued)**

In June 2015, the GASB issued Statement No. 73, *Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68*. The statement establishes requirements for defined benefit and defined contribution pensions that are not within the scope of GASB Statement No. 68. GASB Statement No. 73 is effective for fiscal years beginning after June 15, 2015. There is no expected effect to the Agency's financial statements as a result of adopting this statement.

In June 2015, the GASB issued Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other than Pension Plans*. This statement replaces GASB Statements No. 43, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans, as amended*, and No. 57, *OPEB Measurements by Agent Employers and Agent Multiple-Employer Plans*. It also includes requirements for defined contribution other postemployment benefit (OPEB) plans that replace the requirements for those OPEB plans in GASB Statements No. 25, *Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans*, No. 43, and GASB Statement No. 50, *Pension Disclosures – an amendment of GASB Statements No. 25 and No. 27*. GASB Statement No. 74 is effective for fiscal years beginning after June 15, 2016. The impact to the Agency's financial reporting has not been determined.

In June 2015, the GASB issued Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other than Pensions*. This statement replaces the requirements of GASB Statements No. 45, No. 57, and No. 74 and establishes new accounting and financial reporting requirements for OPEB plans. GASB Statement No. 75 is effective for fiscal years beginning after June 15, 2017. The impact to the Agency's financial reporting has not been determined.

In June 2015, the GASB issued Statement No. 76, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. The objective of this statement is to identify – in the context of the current governmental financial reporting environment – the hierarchy of GAAP. This statement reduces the GAAP hierarchy to two categories of authoritative GAAP and addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment for a transaction or other event is not specified within a

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**New Accounting Pronouncements – Not Yet Effective (continued)**

source of authoritative GAAP. This statement supersedes GASB Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. The requirements of GASB Statement No. 76 are effective for financial statements for periods beginning after June 15, 2015, and should be applied retroactively. The Agency does not anticipate the implementation will have a material effect on its financial statements.

In August 2015, the GASB issued Statement No. 77, *Tax Abatement Disclosures*. This statement will give users of financial statements the essential information that is not consistently or comprehensively reported to the public at the present time. Disclosure of information about the nature and magnitude of tax abatements will make these transactions more transparent to financial statement users. As a result, users will be better equipped to understand (1) how tax abatements affect a government's future ability to raise resources and meet its financial obligations and (2) the impact those abatements have on a government's financial position and economic condition. This statement is effective for periods beginning after December 15, 2015. The Agency does not anticipate the implementation will have a material effect on its financial statements.

In December 2015, the GASB issued Statement No. 78, *Pension Provided Through Certain Multiple-Employer Defined Benefit Pension Plans*. This statement establishes the criteria for identifying the applicable pension plans and addresses measurement and recognition for pension liabilities, expense and expenditures; note disclosures of descriptive information about the plan, benefit terms, and contributions items; and required supplementary information presenting required contribution amounts for the past ten fiscal years. This statement is effective for periods beginning after December 15, 2015. The Agency does not anticipate the implementation will have a material effect on its financial statements.

In December 2015, the GASB issued Statement No. 79, *Certain External Investment Pools and Pool Participants*. This statement addresses accounting and financial reporting for certain external investment pools and pool participants. Specifically, it establishes criteria for an external investment pool to qualify for making the election to measure all of its investments at amortized costs for financial reporting purposes. This statement is effective for periods beginning after December 15, 2015. The impact to the Agency's financial reporting has not been determined.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**2. Summary of Significant Accounting Policies (continued)**

**New Accounting Pronouncements – Not Yet Effective (continued)**

In January 2016, the GASB issued Statement No. 80, *Blending Requirements for Certain Components Units – Amended to GASB Statement No. 14*. This statement will provide clarity about how certain component units incorporate as not-for-profit corporations should be presented in the financial statements of the primary state or local governments. This statement is effective for periods beginning after June 15, 2016. The Agency does not anticipate the implementation will have a material effect on its financial statements.

In March 2016, the GASB issued Statement No. 81, *Irrevocable Split-Interest Agreements*. This statement requires that a government that receives resources pursuant to an irrevocable split-interest agreement recognize assets, liabilities, and deferred inflows of resources at the inception of the agreement. Furthermore, this statement requires that a government recognize assets representing its beneficial interests in irrevocable split-interest agreements that are administered by a third party, if the government controls the present service capacity of the beneficial interests. This statement requires that a government recognize revenue when the resources become applicable to the reporting period. This statement is effective for periods beginning after December 15, 2016. The Agency does not anticipate the implementation will have a material effect on its financial statements.

In March 2016, the GASB issued Statement No. 82, *Pension Issues – an amendment of GASB Statements No. 67, No. 68, and No. 73*. This statement clarifies that payments that are made by an employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements should be classified as plan member contributions for purposes of GASB Statement No. 67, *Financial Reporting for Pension Plans – an amendment of GASB Statement No. 25*, and as employee contributions for purposes of GASB Statement No. 68. This statement also requires that an employer's expense and expenditures for those amounts be recognized in the period for which the contribution is assessed and classified in the same manner as the employer classifies similar compensation other than pensions (for example, as salaries and wages or as fringe benefits). This statement is effective for periods beginning after June 15, 2016. The impact to the Agency's financial reporting has not been determined.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**3. Permits and Regulations**

The key regulations affecting the operations of the Agency are state regulations applicable to the Agency's withdrawals of water from water sources and state and federal regulations applicable to operation of the Agency's drinking water treatment facilities and distribution systems. Withdrawals of water are regulated under water use permits issued by the Southwest Florida Water Management District (the District). The water treatment facilities and distribution systems are regulated through permits issued by the Florida Department of Environmental Protection (FDEP).

The Consolidated Permit, first issued by the District in January 1999, regulates withdrawals from 11 of the 15 regional wellfield systems operated by the Agency. The original Consolidated Permit included initial withdrawal limits for each wellfield (annual average) and for each well within each wellfield (peak month and annual average). A condition of the Consolidated Permit is to manage withdrawals from the wellfields to minimize environmental impacts through optimum distribution of pumping among all wells according to an approved operations plan.

Since January 1, 2003, the 11 wellfields of the Consolidated Permit no longer have individual withdrawal limits and are considered a single system for the purpose of measuring compliance with the permitted annual average withdrawal quantity. Combined withdrawals from the 11 wellfields are currently limited to 90 million gallons per day (mgd) on a 12-month running average basis. The Consolidated Permit was renewed in January 2011, granting continued authorization to withdraw an annual average of 90 mgd from these 11 wellfields for the next ten-year period. All of the conditions of the renewed Consolidated Permit remain essentially unchanged from the original permit authorization.

The remaining 4 wellfield systems, the South-Central Hillsborough Regional Wellfield, the Brandon Urban Dispersed Wells, the Carrollwood Wells and the Eagles Wells, are regulated under separate water use permits issued by the District. Withdrawals from the Brandon Urban Dispersed Wells are limited to 6 mgd on a 12-month running average basis. Withdrawals from the South-Central Hillsborough Regional Wellfield are limited to 24.1 mgd on a 12-month running average basis. The Carrollwood Wells and Eagles Wells can supply 0.82 mgd and 0.198 mgd, respectively, on a 12-month running average basis. Withdrawals from the Tampa Bypass Canal, which are used to provide water to the City of Tampa via augmentation of the Hillsborough River Reservoir as needed, are separately permitted and limited to 20 mgd on a 12-month running average basis.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**3. Permits and Regulations (continued)**

The two surface water facilities that comprise the withdrawal component of the Enhanced Surface Water System are the Tampa Bypass Canal Pump Station and the Alafia River Pump Station. The water use permits for these two surface water sources allow the harvesting of a percentage of flow from these river systems above either a minimum threshold flow or pool elevation. It is estimated that the Enhanced Surface Water System yields on a long-term average basis approximately 90 mgd under normal hydrologic conditions. The Tampa Bypass Canal Pump Station and transmission facilities convey water from the Tampa Bypass Canal and Hillsborough River to the Regional Surface Water Treatment Plant and the Regional Reservoir.

The Alafia River Pump Station and transmission facilities also convey water from the Alafia River to the Regional Surface Water Treatment Plant and the Regional Reservoir. It is estimated that the expanded permitted withdrawals of the Tampa Bypass Canal and the expanded Enhanced Surface Water System (including the Tampa Bypass Canal/Hillsborough River System, Alafia River, the Regional Reservoir and Surface Water Treatment Plant) will allow the Agency to meet the future drinking water needs of its six Member Governments through at least 2025.

The Regional Surface Water Treatment Plant (the Plant) was originally designed to treat up to 72 mgd from the surface water sources and deliver that water to the regional system. Completion of the Plant expansion occurred in fall of 2010. The Plant is now permitted to treat up to 120 mgd from the surface water sources. The C.W. Bill Young Regional Reservoir provides off-stream storage capacity so that the stored water can be utilized as a reliable water source when surface water is not available for withdrawal from the river systems. The current designed storage capacity of the reservoir is approximately 15.5 billion gallons. The Agency removed the reservoir from service in January 2013 for approximately two years to replace the soil cement erosion control layer lining the reservoir's embankment interior, which was completed in November 2014 and placed back into service. Production from the Tampa Bay Seawater Desalination Plant is also used to meet drinking water demands. The desalination facility is permitted to treat up to 28.75 mgd. The operational sustainable production capacity of the Regional Surface Water Treatment Plant and the desalination facility are less than each facility's permitted capacity.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**3. Permits and Regulations (continued)**

The permitted quantity withdrawal limit for the 11 wellfields as stated in the Consolidated Permit is listed below together with the permitted quantities for the remaining four wellfields and the surface water facilities:

Water Supply Facility	Permitted Capacity in mgd
Consolidated Permit wellfields – total*	90.000
South-Central Hillsborough Regional Wellfield	24.100
Brandon Urban Dispersed Wells	6.000
Carrollwood Wells	0.820
Eagles Wells	0.198
Enhanced Surface Water System (consisting of Tampa Bypass Canal/Hillsborough River, Alafia River, C.W. Bill Young Regional Reservoir)**	90.000
Tampa Bay Seawater Desalination Plant	28.750

\* Consolidated Permit wellfields: Cross Bar Ranch, Cypress Creek, Cypress Bridge, Morris Bridge, Starkey, North Pasco, South Pasco, Eldridge-Wilde, Cosme/Odessa, Section 21, and Northwest Hillsborough. These wellfields are permitted as a single system, and there is no annual withdrawal quantity assigned to any individual wellfield. These wellfields are operated in accordance with the Optimized Regional Operations Plan.

\*\* The water use permits for the Tampa Bypass Canal/Hillsborough River and the Alafia River facilities do not have assigned average annual quantities. The permits authorize the harvest of a percentage of river flows after either a threshold flow or pool stage has been achieved in each river system. The quantity shown represents the estimated median year yield for these facilities based on projections using the past 30 years of historical data.

**Tampa Bay Water**  
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Notes to Financial Statements (continued)

**3. Permits and Regulations (continued)**

The following table summarizes the actual annual water quantity sold and billed to the Member Governments of the Agency for the fiscal year ended September 30, 2015:

<b>Member Government</b>	<b>Annual Water Quantity Sold (mgd)</b>	<b>Amounts Billed</b>
Hillsborough County	51.89	\$ 51,430,199
City of New Port Richey	2.93	2,906,630
Pasco County	23.79	23,611,104
Pinellas County	49.27	48,836,008
City of St. Petersburg	28.19	27,940,618
City of Tampa	-	-
Total current year water sales	<u>156.07</u>	<u>\$ 154,724,559</u>
Peak day production	<u>189.31</u>	

**4. Rate-Making Policies and Procedures**

Under the provisions of the Master Water Supply Contract, the Agency establishes rates based on an Annual Estimate that sets forth the expected cost of providing wholesale water service to the Member Governments. The Annual Estimate is based on the Agency's budget for the forthcoming fiscal year. The Agency develops a uniform rate based on the Annual Estimate and the projected quantity of water expected to be delivered to customers.

The uniform rate consists of a variable cost component and a fixed cost component. The variable cost rate is designed to recover Agency expenses that are directly related to the quantity of water delivered, primarily chemicals, electric power, and water purchased from the Cities of Tampa and New Port Richey. The variable cost rate is applied to the quantity of water delivered to Member Governments each month. The fixed cost rate is designed to recover Agency expenses incurred for the operation, maintenance, management, security, development, and financing of the water system. The fixed cost rate is assessed to Member Governments monthly based on one-twelfth of the total annual fixed cost applied to the ratio of each member's annual water usage during the previous fiscal year divided by such usage of all Member Governments during

Tampa Bay Water  
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Notes to Financial Statements (continued)

**4. Rate-Making Policies and Procedures (continued)**

such year. At fiscal year-end, each member's share of this fixed cost is recalculated based on the current year's usage. The intent and purpose of the rate structure is to provide an equitable means of matching the monthly billings with the Agency's monthly cash flow needs. Based on analyses and forecasts, fixed costs are currently estimated to constitute approximately 84% of the Annual Estimate.

**5. Restricted Assets**

Restricted assets are established to the extent required by bond resolutions for the Agency's debt and other contractual arrangements. Bond proceeds, water revenue, and investment revenue are utilized to maintain the various funds at their required levels. Amounts not needed to fund requirements may be used for any lawful purpose. Fund balances as of September 30, 2015, components and descriptions of the various funds are as follows:

Construction funds	\$ 27,225,121
Sinking funds	50,208,519
Renewal and replacement funds	26,350,159
Capital improvement funds	11,846,831
Energy savings funds	179,695
Operations and maintenance funds	4,476,199
Debt service reserve funds	73,169,250
	<u>\$ 193,455,774</u>

*Construction Funds* – Construction funds account for unexpended debt proceeds and investment revenue thereon from the Utility System Revenue Bonds, Series 2008 and 2013; the Florida Local Government Finance Commission loan; and third-party grants for construction.

*Sinking Funds* – Sinking funds represent the principal and interest amounts for the next debt service payment due on the Series 2001A, 2004, 2005, 2006, 2008, 2010, 2011, 2011A, 2011B, 2013, 2015A and 2015B bonds.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**5. Restricted Assets (continued)**

*Renewal and Replacement Funds* – Renewal and replacement funds are required for renewal and replacement of the water production, transmission, and treatment facilities and are based on 5% of gross revenues for the preceding fiscal year or such greater or lesser amount as may be determined appropriate by the system engineers.

*Capital Improvement Funds* – Capital improvement funds are restricted to payment of capital costs of acquiring and/or constructing additions or improvements to the water system.

*Energy Savings Funds* – Energy savings funds are restricted to payment of energy savings additions or improvements to the water system.

*Operations and Maintenance Funds* – Operations and maintenance funds are restricted for operating costs and are established at twice the monthly average variable costs as budgeted for each fiscal year.

*Debt Service Reserve Funds* – Debt service reserve funds are required to maintain the lesser of one year's maximum debt service or 125% of the average annual debt service for the Utility System Revenue Bonds Series 2001A, 2004, 2005, 2006, 2008, 2010, 2011, 2011A, 2011B, 2013, 2015A and 2015B.

Bond resolutions place certain limitations on investments permitted by the various funds. When both restricted and unrestricted resources are available for use, it is the Agency's policy to use restricted resources first, then unrestricted resources as they are needed.

**6. Deposits and Investments**

**Deposits**

As of September 30, 2015, the total carrying amount of the Agency's deposits (unrestricted and restricted), exclusive of petty cash of \$1,450, was \$199,074,020. All of the Agency's deposits with financial institutions are made with depository institutions that are members of the state of Florida's collateral pool, are placed in accounts designated as "public deposit" accounts covered by the collateral pool and, therefore, are considered to be insured.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**6. Deposits and Investments (continued)**

**Investments**

In April 2014, the Board of Directors approved Resolution 2014-001, which adopted a revised investment policy. The policy was revised to reflect more recent financial market conditions and investment practices. It also reflects the currently available investment instruments that the Agency wishes to utilize in the future. The scope of the revised investment policy clarifies that the overall policy applies to all surplus funds, to the extent there is no conflict with the Master Bond Resolution, and if there is a conflict, the Master Bond Resolution governs. Authorized investments in this policy will also be considered authorized investments for bond proceeds under the Master Bond Resolution, as amended, under other permitted investments. The Agency's investment policy permits investment in the following: (1) U.S. government securities, (2) U.S. government agencies (full faith and credit of the U.S. government), (3) federal instrumentalities (U.S. government-sponsored enterprises that are non-full faith and credit), (4) mortgage-backed securities, (5) bank accounts and nonnegotiable interest-bearing time certificates of deposit, (6) repurchase agreements; (7) commercial paper, (8) corporate notes, (9) bankers' acceptances, (10) state and/or local government taxable and/or tax-exempt debt, (11) registered investment companies (money market mutual funds), and (12) intergovernmental investment pools.

The Agency's investments are reported at fair value in the statement of net position, except for money market funds and U.S. government obligations with original maturities less than one year, which are reported at amortized cost in accordance with GASB Statement No. 31.

Investments having a maturity of one year or less at time of purchase are recorded at amortized cost.

The credit ratings shown in the following table are a measure of credit risk, the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Agency's investment policies seek to limit exposure to credit risk by establishing minimum credit ratings that must be met and maintained by providers of certain types of investments. Policies also require that certain types of agreements be collateralized with investments authorized under the policies.

**Tampa Bay Water**  
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Notes to Financial Statements (continued)

**6. Deposits and Investments (continued)**

**Investments (continued)**

Investments made by the Agency (restricted and unrestricted) at September 30, 2015, are summarized below. The investments are summarized by type of investment and show the maturity, interest rate, fair value, and credit rating.

Investments	Maturities	Interest Rate	Fair Value	Credit Rating S&P	Moody's
U.S. Treasury Notes	6/30/16–7/31/18	0.0050 to 3.25	\$ 43,555,069	AA+	Aaa
U.S. Government Agency	9/28/16–9/27/17	0.0050 to 1.25	9,328,152	AA+	Aaa
American Express Card Corp Note	7/31/18	1.91	749,760	A+	A2
American Honda Finance Global Notes	10/7/16	1.12	576,932	A+	A1
Anheuser Busch Corp Global Notes	7/15/17	1.375	554,839	A	A2
Apple Inc. Corp Note	5/3/16	0.51	275,074	AA+	Aa1
Bank of New York Mellon Corp Note	3/4/16	0.70	450,491	A+	Aa3
Bank of Tokyo Mitsubishi UFJ CP	10/29/15	0.34	1,697,174	A1	P1
Berkshire Hathaway Fin Global Notes	8/15/16–5/15/17	0.877–0.950	1,884,834	AA	Aa2
CA ST Taxable Go Bonds Corp Notes	11/1/16	1.25	923,781	A	A1
Boeing Company Flt RT Note	10/30/17	0.00	328,792	A	A2
Cisco Systems Inc. Global Notes	3/3/17	1.10	842,764	AA-	A1
Coca-Cola Co. Global Notes	11/1/16	0.75	375,240	AA-	Aa3
GE Cap Corp Note	7/12/16	0.72	503,590	AA+	A2
HSBC USA Corp Notes	3/5/18	1.579	1,695,342	AA-	A2
John Deere Capital Corp Notes	8/10/18	1.79	452,867	A2	A
JP Morgan Chase & Co Corp Note	2/15/17	1.35	1,702,210	A-	A3
JP Morgan Securities LLC CP	3/4/16	0.00	398,200	A1	P1
PepsiCo Corp Notes	2/22/17	0.0095	1,251,862	A	A1
PepsiCo Inc. Corp Notes	2/26/16	0.0071	200,208	A-	Aa3
Toyota Motor Credit Corp Note	5/17/16	0.81	681,510	AA-	Aa3
Wells Fargo & Co Corp Note	7/20/16	0.80	1,353,362	A+	A2
Total investments			\$ 69,782,053		

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. Exclusive of investments issued or explicitly guaranteed by the U.S. government and investments in external investment pools and other pooled investments, the Agency had no investment concentrations in individual issuers in excess of 5% of its total investments at September 30, 2015.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**7. Grants Receivable and Capital Contributions**

Grants receivable represent amounts due from the District for construction projects under various funding or grant agreements. There were no amounts due to the Agency from the District at September 30, 2015.

There were no capital contributions from the District under various grant agreements for the fiscal year ended September 30, 2015.

**8. Capital Assets**

The following are summaries of capital asset changes for the years ended September 30, 2015.

	Balance October 1, 2014	Additions	Deletions	Transfer	Balance September 30, 2015
Capital assets, non-depreciable:					
Land	\$ 79,011,824	\$ —	\$ 2,552	\$ —	\$ 79,009,272
Construction-in-progress	162,427,790	16,653,359	154,034,993	—	25,046,156
Total non-depreciable capital assets	241,439,614	16,653,359	154,037,545	—	104,055,428
Capital assets, depreciable:					
Land improvements	3,294,937	—	—	—	3,294,937
Wells and wellfield improvements	132,464,714	3,266,197	—	—	135,730,911
Water treatment and pumping facilities	671,568,091	8,020,872	—	—	679,588,963
Transmission mains	339,673,167	—	—	—	339,673,167
Buildings	19,555,850	—	—	—	19,555,850
Reservoir	155,663,688	140,986,869	—	—	296,650,557
Other equipment and software	18,923,170	1,317,102	1,089,400	—	19,150,872
Total depreciable capital assets	1,341,143,617	153,591,040	1,089,400	—	1,493,645,257
Less accumulated depreciation:					
Land improvements	674,041	91,538	—	—	765,579
Wells and wellfield improvements	57,091,495	2,965,620	—	—	60,057,115
Water treatment and pumping facilities	135,200,748	15,746,207	—	—	150,946,955
Transmission mains	56,686,404	4,612,848	—	—	61,299,252
Buildings	4,337,195	586,279	—	—	4,923,474
Reservoir	12,467,595	3,124,198	—	—	15,591,793
Other equipment and software	11,229,605	1,565,848	1,051,484	—	11,743,969
Total accumulated depreciation	277,687,083	28,692,538	1,051,484	—	305,328,137
Total depreciated capital assets, net	1,063,456,534	124,898,502	37,916	—	1,188,317,120
Total capital assets, net	\$ 1,304,896,148	\$ 141,551,861	\$ 154,075,461	\$ —	\$ 1,292,372,548

Tampa Bay Water  
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Notes to Financial Statements (continued)

**8. Capital Assets (continued)**

Deletions from construction-in-progress in 2015 of \$154,034,993 consist of project costs expensed of \$1,761,055 and completed projects transferred to capital asset accounts of \$152,273,938. Expensed project costs generally are preliminary design and planning costs of projects that have been discontinued because they have been determined to not be either technologically feasible or cost effective for future development. Total additions to depreciable capital assets of \$153,591,040 consist of other equipment and software purchases of \$1,317,102 and the completed projects transferred from construction-in-progress.

Depreciation expense was \$28,692,538 for the fiscal year ended September 30, 2015.

Commitments on construction contracts at September 30, 2015, were approximately \$15,524,000.

Interest is capitalized net of earnings from related tax-exempt debt proceeds. Interest cost incurred was \$54,163,859 for the fiscal year ended September 30, 2015. Of the interest cost incurred, \$990,665 was capitalized for the fiscal year ended September 30, 2015, offset by investment revenue earned on tax-exempt debt funds restricted for construction of \$19,513.

**9. Accounts Payable**

Accounts payable and accrued expenses at September 30, 2015, consist of amounts owed for operating and payroll expenses as follows:

Accounts payable	\$ 7,025,861
Accrued payroll expenses	<u>2,405,862</u>
	<u>\$ 9,431,723</u>

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Notes to Financial Statements (continued)**

**10. Long-Term Debt and Other Noncurrent Liabilities**

The Agency has issued various series of debt to finance the construction of new sources of water to meet the needs of its Member Governments, as well as facilities at Clearwater and Cypress Creek Wellfield to meet administrative and security needs.

**Series 2015A and 2015B Bonds**

On March 3, 2015, the Agency issued \$180,835,000 and \$95,975,000 of Utility System Refunding Revenue Bonds, Series 2015A and 2015B, respectively.

The 2015A bonds were issued at a premium of \$25,233,489, bear interest at 4% to 5% and mature 2025 through 2036. The Series 2015A proceeds plus \$3,722,840 of accrued interest and \$357,628 from the debt service reserve were used to cover issuance costs of \$825,402, and the remaining proceeds of \$209,323,555 were deposited into an escrow account for the partially refunded Series 2006 bonds, \$67,345,951, and the refunded Series 2011A/B bonds, \$141,977,604.

The 2015B bonds were issued at par, bear interest at 0.30% to 3.33% and mature from 2015 through 2031. The Series 2015B proceeds plus \$1,746,417 of accrued interest and \$189,670 from the debt service reserve were used to cover issuance costs of \$643,956, and the remaining proceeds of \$97,267,131 were deposited into an escrow account for the refunded Series 2011A/B bonds.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**10. Long-Term Debt and Other Noncurrent Liabilities (continued)**

**Series 2015A and 2015B Bonds (continued)**

Long-term debt and other noncurrent liabilities as of September 30, 2015, consist of:

<b>Utility System Refunding Revenue Bonds, Series 2015B</b>	
0.30% to 3.33% serial bonds due annually at varying amounts from 2015 through 2031, interest payable semiannually	\$ 95,975,000
<b>Utility System Refunding Revenue Bonds, Series 2015A</b>	
5% serial bonds due annually at varying amounts from 2025 through 2027, interest payable semiannually	37,775,000
4% serial bonds due annually at varying amounts from 2027 through 2036, interest payable semiannually	<u>143,060,000</u>
Total Series 2015A	180,835,000
<b>Utility System Refunding Revenue Bonds, Series 2013</b>	
3.5% to 5% serial bonds due annually at varying amounts through 2034, interest payable semiannually	29,050,000
5% term bonds, due October 1, 2034, subject to mandatory redemption 2035 through 2038, interest payable semiannually	<u>46,245,000</u>
Total Series 2013	75,295,000
<b>Utility System Refunding Revenue Bonds, Series 2011B</b>	
2% to 5% serial bonds due annually at varying amounts through 2019, interest payable semiannually	395,000
5% bullet maturities due annually at varying amounts through 2019, interest payable semiannually	24,485,000
3% to 4% bullet maturities (retail coupon) due annually at varying amounts through 2019, interest payable semiannually	<u>4,815,000</u>
Total Series 2011B	29,695,000
<b>Utility System Refunding Revenue Bonds, Series 2011A</b>	
2% to 5% serial bonds due annually at varying amounts through 2024, interest payable semiannually	42,040,000
4% serial bonds (retail coupon) due annually at varying amounts through 2024, interest payable semiannually	<u>4,540,000</u>
Total Series 2011A	46,580,000
<b>Utility System Refunding Revenue Bonds, Series 2011</b>	
5% forward delivery bonds due annually at varying amounts through 2021, interest payable semiannually	78,415,000

**Tampa Bay Water**  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**10. Long-Term Debt and Other Noncurrent Liabilities (continued)**

**Series 2015A and 2015B Bonds (continued)**

**Utility System Refunding Revenue Bonds, Series 2010**

5% serial bonds due annually at varying amounts through 2027, interest payable semiannually	\$ 65,260,000
4% serial bonds due annually at varying amounts through 2027, interest payable semiannually	1,720,000
Total Series 2010	66,980,000

**Utility System Refunding and Improvement Revenue Bonds, Series 2008**

5% term bonds, due October 1, 2034, subject to mandatory redemption 2032 through 2034, interest payable semiannually	29,365,000
5% term bonds, due October 1, 2038, subject to mandatory redemption 2035 through 2038, interest payable semiannually	72,010,000
Total Series 2008	101,375,000

**Utility System Refunding and Improvement Revenue Bonds, Series 2006**

4.0% to 5.0% serial bonds due annually at varying amounts through 2026, interest payable semiannually	695,000
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**Utility System Refunding and Improvement Revenue Bonds, Series 2005**

3.5% to 5.5% serial bonds due annually at varying amounts through 2024, interest payable semiannually	150,205,000
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**Utility System Refunding Revenue Bonds, Series 2004**

3.0% to 5.25% serial bonds, due annually at varying amounts through 2019, interest payable semiannually	58,415,000
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**Utility System Refunding and Improvement Revenue Bonds, Series 2001A**

5.1% term bonds, due October 1, 2028, subject to mandatory redemption 2027 and 2028, interest payable semiannually	4,225,000
6.0% term bonds due October 1, 2029, subject to mandatory redemption 2028 and 2029, interest payable semiannually	45,775,000
Total series 2001A	50,000,000
Total bonds	\$ 934,465,000

**Tampa Bay Water**  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**10. Long-Term Debt and Other Noncurrent Liabilities (continued)**

**Series 2015A and 2015B Bonds (continued)**

**Acquisition credits**

\$852,630 due monthly, deducted from water revenue billed to Member Governments, including interest at 4.84% to 5.030%, through 2029, interest calculated semiannually	\$ 95,970,439
Total debt outstanding	1,030,435,439
Less current maturities	(32,612,438)
	997,823,001
Add unamortized bond premium	65,530,144
Total long-term debt	\$ 1,063,353,145

The Agency's changes in noncurrent liabilities for the fiscal year ended September 30, 2015, was as follows:

	Balance October 1, 2014 (As Restated)	Additions	Deletions	Balance September 30, 2015	Due Within One Year
2001A bonds	\$ 50,000,000	\$ —	\$ —	\$ 50,000,000	\$ —
2004 bonds	69,070,000	—	10,655,000	58,415,000	11,180,000
2005 bonds	155,080,000	—	4,875,000	150,205,000	5,145,000
2006 bonds	64,795,000	—	64,100,000	695,000	340,000
2008 bonds	101,375,000	—	—	101,375,000	—
2010 bonds	66,980,000	—	—	66,980,000	—
2011 bonds	87,585,000	—	9,170,000	78,415,000	9,630,000
2011A bonds	139,760,000	—	93,180,000	46,580,000	305,000
2011B bonds	148,270,000	—	118,575,000	29,695,000	170,000
2013 bonds	75,295,000	—	—	75,295,000	—
2015A bonds	—	180,835,000	—	180,835,000	—
2015B bonds	—	95,975,000	—	95,975,000	420,000
Acquisition credits	101,143,501	—	5,173,062	95,970,439	5,422,438
Unamortized bond issue premium	65,586,394	8,594,865	8,651,115	65,530,144	—
	1,124,939,895	285,404,865	314,379,177	1,095,965,583	32,612,438
Less current portion	(32,238,062)	(32,612,438)	(32,238,062)	(32,612,438)	—
Total long-term debt	1,092,701,833	252,792,427	282,141,115	1,063,353,145	32,612,438
Net OPEB obligation	275,460	44,871	—	320,331	—
Net pension liability – FRS Pension plan	1,306,993	2,424,060	(608,506)	3,122,547	—
Net pension liability – HIS plan	2,692,636	528,511	(116,375)	3,104,772	—
Total noncurrent liabilities	\$ 1,096,976,922	\$ 255,789,869	\$ 281,416,234	\$ 1,069,900,795	\$ 32,612,438

**Tampa Bay Water**  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**10. Long-Term Debt and Other Noncurrent Liabilities (continued)**

**Series 2015A and 2015B Bonds (continued)**

Annual debt service requirements to maturity for all long-term debt as of September 30, 2015, are as follows:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2016	\$ 27,190,000	\$ 44,531,204	\$ 71,721,204
2017	28,630,000	42,324,084	70,954,084
2018	29,565,000	40,867,468	70,432,468
2019	31,060,000	39,320,618	70,380,618
2020	61,985,000	36,974,426	98,959,426
2021–2025	193,860,000	152,977,716	346,837,716
2026–2030	239,395,000	100,932,718	340,327,718
2031–2035	182,590,000	51,547,706	234,137,706
2036–2040	140,190,000	14,299,275	154,489,275
	<u>\$ 934,465,000</u>	<u>\$ 523,775,215</u>	<u>\$ 1,458,240,215</u>

**Revenues Pledged**

The Agency has pledged its net revenues (gross revenues less operating expenses), all as defined by the Master Bond Resolution, to repay its \$934,465,000 outstanding utility system revenue bonds described above. The bonds are payable solely from net revenues and are payable through 2039. Pledged revenues, which are budgeted and collected annually to meet the annual debt service requirements, were \$72,668,588 in 2015. Annual principal and interest payments on the bonds are expected to require less than 50% of annual operating revenues. Bond covenants require the Agency to fund, among other accounts, sinking funds, and debt service reserves with pledged revenue. These funding requirements are described in Note 5.

The covenants also require that the Agency not issue any other obligations payable from the specified pledged revenue nor voluntarily create or cause to be created any debt, lien, pledge, assignment, encumbrances, or other charges having priority to or being on a parity with the lien of the specific bonds except under conditions specified in the resolutions. At September 30, 2015, the Agency complied with all debt covenants.

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Notes to Financial Statements (continued)

**10. Long-Term Debt and Other Noncurrent Liabilities (continued)**

**Defeasance of Debt**

In 2015 and prior years, the Agency advance refunded certain bond issues through various refunding bonds. The proceeds of the refunding bonds were used to purchase United States government and agency securities that were placed in an irrevocable trust to fund all future debt service payments on the refunded debt. As a result, the refunded bonds are considered defeased, and the related liability has been removed from the accompanying financial statements.

At September 30, 2015, the principal amount outstanding of the 1995 defeased bonds (refunded in 1998), 2006 defeased bonds (refunded in 2015), 2011A defeased bonds (refunded in 2015) and the 2011B defeased bonds (refunded in 2015) is \$279,750,000.

**11. Employee Retirement Plan**

**General Information**

Substantially all full-time employees of the Agency are eligible to participate in the State of Florida Retirement System (FRS), a cost-sharing multiple-employer public retirement system that provides a defined benefit pension plan (the Pension Plan) for all state and participating county, district school board, community college, and university employees. The defined benefit plan was established in 1970 by the Florida Legislature. In 2002, the legislature amended the laws creating a new employer-funded, optional defined contribution program, the Public Employee Optional Retirement Program (the Investment Plan). Substantially all full-time employees are eligible to participate in this plan in lieu of the pension plan. Agency employees must have made their plan election prior to March 1, 2004. Subsequent to that date, all plan participants may exercise a one-time option to switch plans. New employees may elect to participate in either plan when eligible. FRS also provides death and disability benefits. Benefits are established by Chapter 121, *Florida Statutes*, and Chapter 22B, *Florida Administrative Code*.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**General Information (continued)**

All retirement legislation enacting benefit improvements must comply with Article X, Section 14, of the State Constitution and with Part VII, Chapter 112, Florida Statutes. Both of these provisions require that any increase in retirement benefits must be funded concurrently on an actuarially sound basis. The plans are administered by the State of Florida Division of Retirement, Department of Management Services. The FRS publishes an unaudited annual report that provides 10-year historical trend information about progress made in accumulating sufficient assets to pay benefits when due. The most recent available report is for the plan year ended June 30, 2015.

**Contributions**

The Florida Legislature enacted legislation in 2007 (Chapter 2007-84, *Laws of Florida*) that established uniform employer contribution rates for the FRS membership classes and subclasses and the Deferred Retirement Option Program (DROP). These rates are updated as of July 1 of each year. In 2011, legislation changed the plan making it mandatory for employees in the regular and senior management class to contribute 3% to the plan, while drop participants are not required to contribute. The Agency is required to contribute to the plans at these actuarially determined rates. Effective July 1, 2014, the rates were at 7.37%, 21.14%, and 12.28% for the regular class, senior management class, and drop participants, respectively. In 2015, legislation changed the plan rates for the plan year beginning July 1, 2015 to 7.26%, 21.43%, and 12.88% for the regular class, senior management, and drop participants, respectively. These rates include the Health Insurance Subsidy (HIS) contribution percentages mentioned below. The Agency's contributions for the fiscal year ended September 30, 2015, was \$572,204.

**Benefits Provided**

The Pension Plan is a cost-sharing multiple-employer defined benefit pension plan, with a DROP for eligible employees. Benefits under this plan are computed on the basis of age, average final compensation, and service credit.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**Benefits Provided (continued)**

For Pension Plan members enrolled before July 1, 2011, and retire at or after age 62 with at least 6 years of credited service or with 30 years of service, regardless of age, are entitled to a retirement benefit payable monthly for life, equal to 1.6% of their average final compensation for each year of credited service. Final average compensation is the employee's average of the 5 highest fiscal years of salary earned during credited service. Vested employees may retire before age 62 and receive benefits that are reduced 5% for each year prior to normal retirement age of date. Employees enrolled on or after July 1, 2011, and retire at or after age 65 with at least 8 years of credited service or with 33 years of service regardless of age, are entitled to a retirement benefit payable monthly for life, equal to 1.6% of their average final compensation for each year of credited service. Final average compensation is the employee's average of the 8 highest fiscal years of salary earned during credited service. Vested employees may retire before age 65 and receive benefits that are reduced 5% for each year prior to normal retirement age or date.

As provided in Section 121.101, *Florida Statutes*, if the member is initially enrolled in the Pension Plan before July 1, 2011, and all service credit was accrued before July 1, 2011, the annual cost-of-living adjustment is 3% per year. If the member is initially enrolled before July 1, 2011, and has service credit on or after July 1, 2011, there is an individually calculated cost-of-living adjustment. The annual cost-of-living adjustment is a proportion of 3% determined by dividing the sum of the pre-July 2011 service credit by the total service credit at retirement multiplied by 3%. Plan members initially enrolled on or after July 1, 2011, will not have a cost-of-living adjustment after retirement.

In addition to the above benefits, the DROP allows eligible members to defer receipt of monthly retirement benefit payments while continuing employment with a FRS employer for a period not to exceed 60 months after electing to participate. Deferred monthly benefits are held in the FRS Trust Fund and accrue interest. There are no required contributions by DROP participants.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions**

At September 30, 2015, the Agency reported a liability of \$3,122,547 for its proportionate share of the Pension Plan's net pension liability. The net pension liability was measured as of June 30, 2015, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2014. The actuarial valuation was rolled forward to June 30, 2015, using update procedures. The Agency's proportionate share of the net pension liability was based on the Agency's fiscal year 2015 contributions relative to the contributions of all participating members. At June 30, 2015, the Agency's proportionate share was 0.02418%, which was an increase of 0.00276% from its proportionate share measured as of June 30, 2014.

For the fiscal year ended September 30, 2015, the Agency recognized pension expense of \$363,990. In addition, the Agency reported deferred outflows of resources and deferred inflows of resources related to pension from the following sources.

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ 329,649	\$ (74,057)
Change of assumptions	207,254	-
Net difference between projected and actual earnings on Pension Plan investments	-	(745,614)
Changes in proportion and differences between Agency Pension Plan contributions and proportionate share of contributions	673,412	-
Agency Pension Plan contributions subsequent to the measurement date	130,146	-
Total	<u>\$ 1,340,461</u>	<u>\$ (819,671)</u>

Tampa Bay Water  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions (continued)**

The deferred outflows of resources related to the Pension Plan, totaling \$130,146 resulting from Agency contributions to the Plan subsequent to the measurement date, will be recognized as a reduction of the net pension liability in the fiscal year ended September 30, 2016. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the Pension Plan will be recognized in the pension expense as follows:

Fiscal year ending September 30:	
2016	\$ (341,256)
2017	(341,256)
2018	(341,256)
2019	508,581
2020	98,765
Thereafter	25,778

**Actuarial Assumptions**

The total pension liability in the June 30, 2014, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.60%
Salary increases	3.25%, average, including inflation
Investment rate of return	7.65%, net of pension plan investment expense, including inflation

Mortality rates were based on the Generational RP-2000 with Projected Scale BB tables.

The actuarial assumptions used in the July 1, 2014, valuation were based on the results of an actuarial experience study for the period July 1, 2008 through June 30, 2013.

**Tampa Bay Water**  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**Actuarial Assumptions (continued)**

The long-term expected rate of return on the Pension Plan investments was not based on historical returns, but instead is based on a forward-looking capital market economic model. The allocation policy's description of each asset class was used to map target allocation to the asset classes shown below. Each asset class assumption is based on a consistent set of underlying assumptions and includes an adjustment for inflation assumption. The target allocation and best estimates of arithmetic and geometric real rates of return for each major asset class are summarized in the following table:

	<b>Target Allocation<sup>(1)</sup></b>	<b>Annual Arithmetic Return</b>	<b>Compound Annual (Geometric) Return</b>	<b>Standard Deviation</b>
Cash	1.0%	3.2%	3.1%	1.7%
Fixed income	18.0	4.8	4.7	4.7
Global equity	53.0	8.5	7.2	17.7
Real estate (property)	10.0	6.8	6.2	12.0
Private equity	6.0	11.9	8.2	30.0
Strategic investments	12.0	6.7	6.1	11.4
<b>Total</b>	<u>100.00%</u>			
 Assumed inflation – mean		 2.60		 1.9

<sup>(1)</sup> As outlined in the Pension Plan's investment policy

**Discount Rate**

The discount rate used to measure the total pension liability was 7.65%. The Pension Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the discount rate for calculation of the total pension liability is equal to the long-term expected rate of return.

**Tampa Bay Water**  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**Sensitivity of Agency's Proportionate Share of the Net Position Liability to Changes in the Discount Rate**

The following represents the Agency's proportionate share of the net pension liability calculated using the discount rate of 7.65%, as well as what the Agency's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (6.65%) or one percentage point higher (8.65%) than the current rate:

	1% Decrease 6.65%	Current Discount Rate 7.65%	1% Increase 8.65%
Agency's proportionate share of the net pension liability (asset)	\$ 8,091,227	\$ 3,122,547	\$ (1,012,210)

**Pension Plan Fiduciary Net Position**

Detailed information regarding the Pension Plan's fiduciary net position is available in the separately issued FRS Pension Plan and Other State-Administered System Comprehensive Annual Financial Report.

This report may be obtained by writing to the Division of Retirement, Research Education and Policy Section, P.O. Box 9000, Tallahassee, FL 32315-9000, by calling (850) 488-5706, or by accessing its internet site at [http://www.dms.myflorida.com/workforce\\_operations/retirement/publications/annual\\_reports](http://www.dms.myflorida.com/workforce_operations/retirement/publications/annual_reports)

**Payables to the Pension Plan**

At September 30, 2015, the Agency reported a payable in the amount of \$189,205 for outstanding contributions to the Pension Plan required for fiscal year ended September 30, 2015.

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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**HIS Plan**

*General Information*

The HIS plan is a cost-sharing multiple-employer defined benefit pension plan established under *Florida Statutes*, Section 112.363, and may be amended by the Florida Legislature at any time. The benefit is a monthly payment to assist retirees of state-administered retirement systems in paying their health insurance costs and is administered by the Florida Department of Management Services, Division of Retirement.

*Benefits Provided*

For the fiscal year ended September 30, 2015, eligible retirees and beneficiaries received a monthly HIS payment of \$5 for each year of creditable service completed at the time of retirement, with a minimum HIS payment of \$30 and a maximum payment of \$150 per month. To be eligible to receive these benefits, a retiree under a state-administered retirement system must provide proof of health insurance coverage, which may include Medicare.

*Contributions*

The HIS plan is funded by retirement contributions from FRS participating employers as set by the Florida Legislature. Employer contributions are a percentage of gross compensation for all active FRS members. Effective July 1, 2014 and 2015, the rates were 1.20% and 1.26%, respectively. The Agency contributed 100% of its statutorily required contributions for the current and preceding three years. HIS plan contributions are deposited into a separate trust fund from which payments are authorized. HIS plan benefits are not guaranteed and are subject to annual legislative appropriation. In the event legislative appropriation or available funds fail to provide full subsidy benefits to all participants, benefits may be reduced or cancelled.

The Agency's contributions to the HIS plan totaled \$123,621 for the fiscal year ended September 30, 2015.

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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**HIS Plan (continued)**

*Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions*

At September 30, 2015 the Agency reported a liability of \$3,104,772 for its proportionate share of the HIS plan's net pension liability. The net pension liability was measured as of June 30, 2015, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of July 1, 2014. The actuarial valuation was rolled forward to June 30, 2015, using update procedures. The Agency's proportionate share of the net pension liability was based on the Agency's fiscal year contributions relative to the fiscal year contributions of all participating members. At June 30, 2015, the Agency's proportionate share was 0.0304%, which was an increase (decrease) of 0.0017% from its proportionate share measured as of June 30, 2014.

For the fiscal year ended September 30, 2015, the Agency recognized pension expense of \$265,846. In addition, the Agency reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Differences between expected and actual experience	\$ —	\$ —
Change of assumptions	244,265	—
Net difference between projected and actual earnings on HIS plan investments	1,682	—
Changes in proportion and differences between Agency HIS plan contributions and proportionate share of contributions	200,219	—
Agency HIS plan contributions subsequent to the measurement date	36,340	—
Total	<u>\$ 482,506</u>	<u>\$ —</u>

**Tampa Bay Water**  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**HIS Plan (continued)**

*Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions (continued)*

The deferred outflows of resources related to the HIS plan, totaling \$36,340 resulting from Agency contributions to the HIS plan subsequent to the measurement date, will be recognized as a reduction of the net pension liability in the fiscal year ended September 30, 2016. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to the HIS plan will be recognized in pension expense as follows:

Fiscal year ending September 30:	
2016	\$ 77,159
2017	77,159
2018	77,159
2019	76,540
2020	76,242
Thereafter	61,857

*Actuarial Assumptions*

The total pension liability in the July 1, 2014 actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.60%
Salary increases	3.25%, average, including inflation
Investment rate of return	7.65%, net of pension plan investment expense, including inflation

Mortality rates were based upon the Generational RP-2000 with Projection Scale BB tables.

The actuarial assumptions used in the July 1, 2014, valuation were based on the results of an actuarial experience study for the period July 1, 2008 through June 30, 2013.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**HIS Plan (continued)**

*Discount Rate*

The discount rate used to measure the total pension liability was 3.80%. In general, the discount rate for calculating the total pension liability is equal to the single rate equivalent to discounting at the long-term expected rate of return for benefit payments prior to the projected depletion date. Because the HIS benefit is essentially funded on a pay-as-you-go basis, the depletion date is considered to be immediate, and the single equivalent discount rate is equal to the municipal bond rate selected by the HIS plan sponsor. The Bond Buyer General Obligation 20-Bond Municipal Bond Index was adopted as the applicable municipal bond index.

*Sensitivity of the Agency's Proportionate Share of the Net Position Liability to Changes in the Discount Rate*

The following represents the Agency's proportionate share of the net pension liability calculated using the discount rate of 3.80%, as well as what the Agency's proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (2.80%) or one percentage point higher (4.80%) than the current rate:

	<b>1% Decrease</b>	<b>Current Discount Rate</b>	<b>1% Increase</b>
	<b>2.80%</b>	<b>3.80%</b>	<b>4.80%</b>
Agency's proportionate share of the net pension liability	\$ 3,537,743	\$ 3,104,772	\$ 2,743,739

Tampa Bay Water  
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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**HIS Plan (continued)**

*Pension Plan Fiduciary Net Position*

Detailed information regarding the HIS plan's fiduciary net position is available in the separately issued FRS Pension Plan and Other State-Administered System Comprehensive Annual Financial Report.

This report may be obtained by writing to the Division of Retirement, Research Education and Policy Section, P.O. Box 9000, Tallahassee, FL 32315-9000, by calling (850) 488-5706, or by accessing its internet site at [http://www.dms.myflorida.com/workforce\\_operations/retirement/publications/annual\\_reports](http://www.dms.myflorida.com/workforce_operations/retirement/publications/annual_reports).

*Payables to the Pension Plan*

At September 30, 2015, the Agency reported a payable in the amount of \$25,478 for outstanding contributions to the HIS plan required for fiscal year ended September 30, 2015.

**Investment Plan**

The State Board of Administration (SBA) administers the defined contribution plan officially titled the FRS Investment Plan. The Investment Plan is reported in the SBA's annual financial statements and in the State of Florida Comprehensive Annual Financial Report.

As provided in Section 121.4501, *Florida Statutes*, eligible FRS members may elect to participate in the FRS Investment Plan in lieu of the FRS defined benefit plan. Agency employees participating in DROP are not eligible to participate in the FRS Investment Plan. Employer and employee contributions, including amounts contributed to individual member's accounts, are defined by law, but the ultimate benefit depends in part on the performance of investment funds. Benefit terms, including contribution requirements, for the FRS Investment Plan are established and may be amended by the Florida Legislature. The FRS Investment Plan is funded with the same employer and employee contribution rates that are based on salary and membership class (regular class, senior management) as the Pension Plan. Contributions are directed to individual member accounts, and the individual members allocate contributions and

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Notes to Financial Statements (continued)

**11. Employee Retirement Plan (continued)**

**Investment Plan (continued)**

account balances among various approved investment choices. Costs of administering the FRS Investment Plan, including the FRS Financial Guidance Program, are funded through an employer contribution of 0.04% of payroll and by forfeited benefits of plan members. Allocations to the investment member's accounts during fiscal year 2015, as established by Section 121.72, *Florida Statutes*, are based on a percentage of gross compensation, by class, as follows: regular class 6.30% and senior management service class 7.67%.

For all membership classes, employees are immediately vested in their own contributions and are vested after one year of service for employer contributions and investment earnings. If an accumulated benefit obligation for service credit originally earned under the Pension Plan is transferred to the FRS Investment Plan, the member must have the years of service required for Pension Plan vesting (including the service credit represented by the transferred funds) to be vested for these funds and the earnings on the funds. Nonvested employer contributions are placed in a suspense account for up to five years. If the employee returns to FRS-covered employment within the five-year period, the employee will regain control over their account. If the employee does not return within the five-year period, the employee will forfeit the accumulated account balance. For the fiscal year ended September 30, 2015, the information for the amount of forfeitures was unavailable from the SBA; however, management believes that these amounts, if any, would be immaterial to the Agency.

After termination and applying to receive benefits, the member may roll over vested funds to another qualified plan, structure a periodic payment under the FRS Investment Plan, receive a lump-sum distribution, leave the funds invested for future distribution, or any combination of these options. Disability coverage is provided; the member may either transfer the account balance to the Pension Plan when approved for disability retirement to receive guaranteed lifetime monthly benefits under the Pension Plan or remain in the FRS Investment Plan and rely upon that account balance for retirement income.

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Notes to Financial Statements (continued)

**12. Post-Employment Health Care Benefits**

The Agency follows GASB Statement No. 45 to account for certain post-employment health care benefits provided by the Agency.

**Plan Description**

The Post-Employment Health Care Benefits Plan is a single-employer defined benefit plan administered by the Agency. Pursuant to the provisions of Section 112.0801, *Florida Statutes*, former employees who retire from the Agency and their eligible dependents may continue to participate in the Agency's fully insured health and hospitalization plan for medical and prescription drug coverage. The Agency subsidizes the premium rates paid by retirees by allowing them to participate in the plans at blended group (implicitly subsidized) premium rates for both active and retired employees. These rates provide an implicit subsidy for retirees because, on an actuarial basis, their current and future claims are expected to result in higher costs to the plan over the life of the retiree than those of active employees.

**Funding Policy**

For the Post-Employment Health Care Benefits Plan, contribution requirements of the Agency are established and may be amended through recommendations of the Chief Financial Officer and action from the Board of Directors. The Agency has not advanced-funded or established a funding methodology for the annual OPEB costs or the net OPEB obligation. As of the last required actuarial evaluation, October 1, 2012, there were four retirees and two eligible dependents receiving post-employment health care benefits. At the end of fiscal year 2015, there were two retirees and zero eligible dependents receiving post-employment health care benefits. For the fiscal year ended September 30, 2015, the Agency provided required contributions of \$39,475 toward annual OPEB costs, comprising benefit payments made on behalf of retirees for claims, expenses (net of reinsurance) and retention costs, totaling \$84,346. Required contributions are based on projected pay-as-you-go financing.

Tampa Bay Water  
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Notes to Financial Statements (continued)

**12. Post-Employment Health Care Benefits (continued)**

**Annual OPEB Cost and Net OPEB Obligation**

The following table shows the Agency's annual OPEB cost for the fiscal year ended September 30, 2015, the amount actually contributed to the plan, and changes in the Agency's net OPEB obligation:

Annual required contribution	\$ 83,166
Interest on net OPEB obligation (NOO)	11,018
Amortization of NOO	(9,838)
Total expense or annual OPEB cost (AOC)	84,346
Actual receipts (contribution) toward OPEB cost	(39,475)
Change in NOO	44,871
NOO beginning of year	275,460
NOO end of year	\$ 320,331

The Agency's historical annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation are as follows:

Fiscal Year	AOC	Net Contribution	Percentage of AOC Contributed	NOO
9/30/2013	\$ 78,490	\$ 34,953	44.5%	\$ 242,631
9/30/2014	81,394	48,565	59.7	275,460
9/30/2015	84,346	39,475	46.8	320,331

**Funded Status and Funding Progress**

The Agency is required to have a full actuarial evaluation completed triennially; the last required full evaluation was completed in fiscal year 2013. As of September 30, 2013, the actuarial accrued liability for benefits was \$695,815, and the actuarial value of assets was \$0, resulting in an unfunded actuarial accrued liability of \$695,815. The covered payroll (annual payroll for active participating employees) was \$8,625,056 for the fiscal year ended September 30, 2013, and the ratio of the unfunded actuarial accrued liability to the covered payroll was 8.1% (see required supplementary information).

Tampa Bay Water  
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Notes to Financial Statements (continued)

**12. Post-Employment Health Care Benefits (continued)**

**Actuarial Methods and Assumptions**

Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment and termination, mortality, and the health care cost trends. Amounts determined regarding the funded status of the plan and the annual required contributions of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. Projections of benefits for financial reporting purposes are based on the substantive plan provisions, as understood by the employer and participating members, and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and participating members. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

The Agency's initial OPEB actuarial valuation for the 2012–2013 fiscal year used the entry age normal cost actuarial method to estimate the unfunded actuarial liability and to determine the annual required contribution. Because the OPEB liability is currently unfunded, the actuarial assumptions included a 4% rate of return on invested assets, which is the Agency's long-term expectation of investment returns under its investment policy. The actuarial assumptions also included a payroll growth rate of 3.5% per year, general inflation of 2.75% per year and an annual health care cost trend rate of 8.0% pre-Medicare initially for the 2012-2013 fiscal year, reduced to an ultimate rate of 5.0% for the fiscal year ended September 30, 2030. The unfunded actuarial accrued liability and gains/losses are being amortized as a level percentage of projected payroll on a closed basis over 30 years.

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Notes to Financial Statements (continued)

**13. Risk Management**

The Agency is exposed to various risks of loss related to tort; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The Agency has transferred the risk to outside parties through the purchase of various types of insurance coverage.

The Agency purchases the following insurance coverage through Risk Management Associates and Public Risk Insurance Agency/Brown and Brown, Inc., from various carriers: property insurance, inland marine, boiler and machinery insurance, commercial general liability, business auto liability and physical damage, marine hull coverage, employment practice liability, public official liability, government crime coverage, and environmental impairment liability coverage relative to the operation of the desalination plant. The Agency obtained its workers' compensation from Preferred Government Insurance Trust, a pool open to state and local governments. In addition, the Agency purchases storage tank insurance through Commerce & Industry Insurance Company. There have been no significant reductions in insurance coverage from the prior year. Except as discussed in Note 15, no settlements have exceeded insurance coverage over the past three years.

**14. Commitments and Contingencies**

**Litigation**

The Agency is a party to various lawsuits, claims, and legal actions arising in the ordinary course of business. These actions relate primarily to eminent domain, construction claims, disputes, and personnel matters. Except as discussed in Note 15, any losses that may be incurred in connection with these matters are deemed by management to not be material to the Agency's financial statements.

**Grant Funds**

The Agency is subject to audit examination by funding agencies to determine compliance with grant conditions. In the event that expenditures would be disallowed, repayment could be required.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**14. Commitments and Contingencies (continued)**

**Operating Leases**

The Agency leases land for the Seawater Desalination Plant under a noncancelable operating lease and easement agreement expiring December 31, 2032. The lease may be extended for up to two consecutive additional periods of 30 years each. Rental expense on this lease was \$41,952 in 2015. Real estate taxes of \$106,762 were also paid in 2015. The basic rent is adjusted yearly by applying the consumer price index for all urban consumers to the prior year basic rent.

The aggregate future minimum operating lease payments for the fiscal year ended September 30, 2015, are as follows:

	<b>Desalination Plant Land Lease</b>
2016	\$ 42,253
2017	42,253
2018	42,253
2019	42,253
2020	42,253
2021	42,253
2022–2026	211,263
2027–2031	211,263
2032–2033	42,253
	<u>\$ 718,297</u>

In 2013, the Agency entered into a three-year operating lease for temporary office space in Hillsborough County. The lease is noncancelable during the initial term of 36 months. After the initial term, the lease can be canceled with 30 days' written notice or can be extended on a month-to-month basis until such 30-day notice is given. Rental expense on this lease was \$25,356 in 2015.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**14. Commitments and Contingencies (continued)**

**Operating Leases (continued)**

The aggregate future minimum operating lease payments for the fiscal year ended September 30, 2015, are as follows:

	<b>South Office Building Lease</b>
2016	\$ 23,243

**Operations and Maintenance Agreements**

The 20-year Operation, Maintenance, and Management (OM&M) Services Agreement for operation of the desalination plant with American Water-Pridesa, LLC, approved by the Board of Directors in 2004, went into effect as of November 8, 2007. Under this agreement, American Water-Pridesa, LLC operates and maintains the plant, and the Agency will pay a service fee consisting of a base OM&M charge, certain pass-through charges, maintenance reserve fund charges, and various fee adjustments. The base OM&M charge will be adjusted at the beginning of each contract year based on certain labor and plant cost indexes. The contract can be terminated for convenience with 90 days' notice and payment for all services performed, reimbursable expenses due, a termination fee of \$1 million gradually declining to zero after 15 years and demobilization fee of \$50,000. Total operating fees under this contract was \$6,281,816 for 2015.

The Agency is a party to an Operations and Maintenance (O&M) Agreement with Veolia Water North America for the operation of its Surface Water Treatment Plant. The agreement, which became effective in 2004, provides for the payment by the Agency of a service fee that includes a base O&M charge that is payable regardless of plant production levels and several variable and pass-through cost components. The base O&M charge and certain other cost components increase yearly based on an index directly related to the expense. The agreement is fully cancelable with 90 days' notice, payment of all accrued service fees, and any demobilization costs. Expense under this agreement was \$6,634,211 for the fiscal year ended September 30, 2015.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Notes to Financial Statements (continued)**

**14. Commitments and Contingencies (continued)**

**Operations and Maintenance Agreements (continued)**

The Agency is also a party to a facility maintenance agreement with Veolia Water North America for the maintenance of the Keller Hydrogen Sulfide Treatment Facility. The agreement provides for payment by the Agency of a service fee and is fully cancelable with a pro rata settlement of the annual service fee for work performed prior to termination of the Agreement. Expense under this agreement was \$156,054 for the fiscal year ended September 30, 2015.

In 2005, the Agency entered into a service agreement with Veolia Water North America for operation and maintenance of the C.W. Bill Young Regional Reservoir. This agreement provides for payment of a monthly service fee and certain pass-through costs. The agreement is fully cancelable at the option of the Agency and was canceled due to the renovation on the reservoir. In 2014, the construction on the reservoir entered into the maintenance and monitoring phase. This is part of the contract with Kiewit Infrastructure Group, and the expense under this contract was \$995,500 for the fiscal year ended September 30, 2015.

In October 2012, the Agency entered into an Operation and Maintenance Services Agreement with CH2MHILL for operation and maintenance of the Lithia Hydrogen Sulfide Removal Facility beginning January 1, 2013, and terminating September 30, 2014. Upon termination, the agreement is renewable for three years, one year at a time or any portion thereof. The first option year of the contract has been exercised and will terminate September 30, 2015. This agreement provides for payment of a monthly service fee and certain pass-through costs. Expense under this contract was \$649,552 for the fiscal year ended September 30, 2015.

**Regional Reservoir**

The C.W. Bill Young Regional Reservoir, located in southern Hillsborough County, is designed to store up to 15.5 billion gallons from various surface water sources. The facility was completed and placed into full operational status in June 2005. Beginning in December 2006, larger-than-expected cracks began to form in the flat-plate soil-cement on the interior face of the embankment. The flat-plate soil-cement is an erosion barrier that provides erosion protection for the embankment and is not a structural component of the reservoir. Engineers engaged by both the Agency and the FDEP agreed that the reservoir was safe and poses no public safety hazard. In August 2008, FDEP and the Agency agreed to limit the fill elevation at the Reservoir to 105 feet (approximately 6.5 billion gallons) to prevent potential storm-related wave damage to the

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**14. Commitments and Contingencies (continued)**

**Regional Reservoir (continued)**

cracked areas in the flat-plate soil-cement, until the damaged areas had been repaired. In June 2009, the Agency completed a short-term repair program and received FDEP approval to return the reservoir to its current permitted fill volume and rate of withdrawal. In June 2009, the Board of Directors adopted a resolution that authorized the General Manager to proceed with a permanent fix for the facility. Between October 2009, and April 2010, staff assembled a team of financial, technical, and legal advisors and began a competitive procurement process, which was completed in 2011. On June 20, 2011, the Board of Directors approved the proposal from design-builder Kiewit Infrastructure Group (Kiewit) to renovate the Regional Reservoir and increase storage by three billion gallons. Kiewit's proposed cost was approximately \$162,366,875, of which \$41,630,885 was to be used to increase the reservoir's capacity. In April 2012, during the permitting process, the Bureau of Mining and Minerals Regulation of the FDEP informed the Agency the application was complete, but FDEP had concerns regarding the potential for impacts to the increased storage facility caused by freeze protection agricultural pumping in the region. As a result of these concerns, the Agency received Board of Directors approval in June 2012 to redesign the project by eliminating the increased storage component. The contract amendment for the redesign in the approximate amount of \$129,376,976 was approved by the Board of Directors August 2012. The design was completed, and FDEP approved the project December 2012. In preparation for construction the reservoir, water levels were drawn down, which was complete December 2012. Full notice to proceed for construction was issued February 2013. In late July 2014, initial filling began, and construction was essentially completed in late 2014. On November 5, 2014, FDEP approved to transfer the reservoir permit to the operation phase.

**15. Litigation Settlements**

In 2013, the Agency filed suit against BP for economic damages due to lost revenues from fewer visitors to the area resulting in lower water demands and sales as a result of the BP oil spill that occurred in 2010. The suit was consolidated with other local governments and was a very complex lawsuit involving 5 states, multiple local governments and approximately 40 defendants. The judge in the case appointed a panel of neutrals to review all claims for possible settlement. In July 2015, the proposed settlement of \$1.25 million was presented to the Board for approval. The Board approved the settlement, which also released BP from all future claims brought by the Agency that were directly related to the spill of April 2010.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to Financial Statements (continued)

**16. Subsequent Events**

On February 16, 2015 the Board of Directors unanimously voted to approve Resolution 2015-001 to give staff the authority to refund all or a portion of the Series 2008 bonds and to increase the authorized issuance amount of the Utility System Refunding Revenue Bonds, Series 2015B. After the approval of the supplemental bond resolution, the market conditions changed, reducing the net present value savings below the minimum value of 3%. In December 2015 the market conditions shifted again triggering the refunding candidates to generate greater than the Authority's 3% present value savings threshold. In January 2016, the Agency priced the Utility System Refunding Revenue Bonds, Series 2016A/B. The Series 2016A bonds will advance refund the Series 2008 bonds with tax-exempt bonds. The Series 2016B bonds will refund the remaining Series 2011B Medium Term Notes with taxable bonds since they cannot be advance refunded on a tax-exempt basis.

On February 15, 2016, the Board of Directors unanimously voted to approve Resolution 2016-001 to give staff the authority to refund all or a portion of the Series 2010 bonds. In March 2016, the Agency priced the Utility System Refunding Revenue Bonds, Series 2016C. The Series 2016C bonds will advance refund a portion of the Series 2010 bonds with tax-exempt bonds.

## Required Supplementary Information – Pension

Tampa Bay Water  
(A Regional Water Supply Authority)

Schedule of Agency Proportionate Share of Net Pension Liability –  
Florida Retirement System

	September 30	
	2015	2014
Agency's proportion of the net pension liability	.02418%	.02142%
Agency's proportionate share of the net pension liability	\$ 3,122,547	\$ 1,306,993
Agency's covered-employee payroll	\$ 8,689,420	\$ 8,036,748
Agency's proportionate share of the net pension liability as a percentage of its covered-employee payroll	33.62%	16.26%
Plan fiduciary net position as a percentage of the total pension liability	92.00%	96.09%

The Agency implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27*, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date – an amendment of GASB Statement No. 68*, as of October 1, 2014; accordingly, only two years of data are available. The amounts above are determined as of September 30 of the previous fiscal year.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Schedule of Agency Contributions – Florida Retirement System**

Last 10 Fiscal Years\*

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Contractually required contribution	\$ 746,403	\$ 693,019	\$ 600,064	\$ 431,552	\$ 414,912	\$ 920,733	\$ 806,682	\$ 771,730	\$ 752,387	\$ 720,511
Contributions in relation to the contractually required contribution	(746,403)	(693,019)	(600,064)	(431,552)	(414,912)	(920,733)	(806,682)	(771,730)	(752,387)	(720,511)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Agency covered-employee payroll	\$9,400,899	\$8,689,420	\$8,036,748	\$8,256,214	\$8,397,534	\$8,393,676	\$8,033,328	\$7,687,132	\$7,512,790	\$7,163,678
Contributions as a percentage of covered-employee payroll	7.94%	7.98%	7.47%	5.23%	4.94%	10.97%	10.04%	10.04%	10.01%	10.06%

\* Amounts presented for each fiscal year were determined as of September 30.

Tampa Bay Water  
(A Regional Water Supply Authority)

Schedule of Agency Proportionate Share of Net Pension Liability –  
Health Insurance Subsidy Program

	September 30	
	2015	2014
Agency's proportion of the net pension liability	.03044%	.02879%
Agency's proportionate share of the net pension liability	\$ 3,104,772	\$ 2,692,636
Agency's covered-employee payroll	\$ 8,689,420	\$ 8,036,748
Agency's proportionate share of the net pension liability as a percentage of its covered-employee payroll	35.73%	33.50%
Plan fiduciary net position as a percentage of the total pension liability	0.50%	0.99%

The Agency implemented GASB Statement No. 68, *Accounting and Financial Reporting for Pensions – an amendment of GASB Statement No. 27*, and GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date – an amendment of GASB Statement No. 68*, as of October 1, 2014; accordingly, only two years of data are available. The amounts above are determined as of September 30 of the previous fiscal year.

**Tampa Bay Water**  
(A Regional Water Supply Authority)

**Schedule of Agency Contributions –  
Health Insurance Subsidy Program**

Last 10 Fiscal Years\*

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Contractually required contribution	\$ 156,055	\$ 109,487	\$ 96,441	\$ 91,644	\$ 93,213	\$ 93,170	\$ 89,170	\$ 85,327	\$ 83,392	\$ 79,517
Contributions in relation to the contractually required contribution	(156,055)	(109,487)	(96,441)	(91,644)	(93,213)	(93,170)	(89,170)	(85,327)	(83,392)	(79,517)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Agency covered-employee payroll	\$9,400,899	\$8,689,420	\$8,036,748	\$8,256,214	\$8,397,534	\$8,393,676	\$8,033,328	\$7,687,132	\$7,512,790	\$7,163,678
Contributions as a percentage of covered-employee payroll	1.66%	1.26%	1.20%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%	1.11%

\* Amounts presented for each fiscal year were determined as of September 30.

Tampa Bay Water  
(A Regional Water Supply Authority)

Notes to the Required Supplementary Information – Pension

September 30, 2015

**Changes of Benefit Terms**

There were no changes in benefits over the periods presented.

**Changes of Assumptions**

There were no changes in actuarial assumptions for the Florida Retirement System Pension Plan. As of June 30, 2015, the inflation rate assumption remained at 2.6%, the real growth assumption was 0.65%, and the overall payroll growth rate assumption remained at 3.25%. The long-term expected rate of return remained at 7.65%. The municipal rate used to determine total pension liability decreases from 4.29% to 3.80% for the Health Insurance Subsidy Pension Plan.

**Required Supplementary Information –  
Other Post-Employment Benefits**

Tampa Bay Water  
(A Regional Water Supply Authority)

Schedule of Funding Progress

September 30, 2015

Actuarial Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability	Unfunded Actuarial Accrued Liability	Funded Ratio	Covered Payroll	Unfunded as a Percent of Covered Payroll
09/30/2011	—	435,574	435,574	—	8,679,082	5.0
09/30/2012	—	471,904	471,904	—	8,625,056	5.5
09/30/2013 <sup>(1)</sup>	—	695,815	695,815	—	8,625,056	8.1

<sup>(1)</sup> The Agency is required to have a full actuarial evaluation completed triennially; the last required full evaluation was completed in fiscal year 2013.

# Compliance Section

**Report of Independent Certified Public Accountants on Internal Control  
Over Financial Reporting and on Compliance and Other Matters  
Based on an Audit of Financial Statements Performed in Accordance  
With *Government Auditing Standards***

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

We have audited, in accordance with auditing standards generally accepted in the United States and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of Tampa Bay Water, A Regional Water Supply Authority (the Agency), which comprise the statement of net position as of September 30, 2015, and the related statements of revenue, expenses, and changes in net position and cash flows for the fiscal year then ended, and the related notes to the financial statements, and have issued our report thereon dated June 13, 2016.

**Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Agency's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Agency's internal control. Accordingly, we do not express an opinion on the effectiveness of Agency's internal control.

*A deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.



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## Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Agency's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

## Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the result of that testing, and not to provide an opinion on the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

*Ernst + Young LLP*

June 13, 2016



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## Report of Independent Certified Public Accountants on Compliance

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

We have audited, in accordance with auditing standards generally accepted in the United States, the financial statements of Tampa Bay Water, A Regional Water Supply Authority (the Agency), which comprise the statement of net position as of September 30, 2015, and the related statements of revenues, expenses, and changes in net position and cash flows for the fiscal year then ended, and the related notes to the financial statements, and have issued our report, with an unmodified opinion thereon, dated June 13, 2016.

In connection with our audit, nothing came to our attention that caused us to believe that the Agency failed to comply with the terms, covenants, provisions, or conditions of Sections 4 and 5 of the Master Bond Resolution dated August 31, 1998, insofar as they relate to accounting matters for the following bonds.

\$309,370,000 Utility System Refunding and Improvement Revenue Bonds, Series 2001A

\$107,870,000 Utility System Refunding Revenue Bonds, Series 2004

\$174,965,000 Utility System Refunding and Improvement Revenue Bonds, Series 2005

\$81,885,000 Utility System Refunding and Improvement Revenue Bonds, Series 2006

\$101,375,000 Utility System Refunding and Improvement Revenue Bonds, Series 2008

\$66,980,000 Utility System Refunding Revenue Bonds, Series 2010

\$104,645,000 Utility System Refunding Revenue Bonds, Series 2011

\$140,645,000 Utility System Refunding Revenue Bonds, Series 2011A

\$148,920,000 Utility System Refunding Revenue Bonds, Series 2011B

\$75,295,000 Utility System Refunding Revenue Bonds, Series 2013

\$180,835,000 Utility System Refunding Revenue Bonds, Series 2015A

\$95,975,000 Utility System Refunding Revenue Bonds, Series 2015B

However, our audit was not directed primarily toward obtaining knowledge of such noncompliance. Accordingly, had we performed additional procedures, other matters may have come to our attention regarding the Agency's noncompliance with the above-referenced terms, covenants, provisions, or conditions of Sections 4 and 5 of the Master Bond Resolution dated August 31, 1998, insofar as they relate to accounting matters.

This report is intended solely for the information and use of the Agency and the Member Governments and is not intended to be, and should not be, used by anyone other than the specified parties.

*Ernst + Young LLP*

June 13, 2016

Tampa Bay Water  
(A Regional Water Supply Authority)

Schedule of Debt Service Coverage – Utility System Revenue Bonds,  
Series 2001A, 2004, 2005, 2006, 2008, 2010, 2011,  
2011A, 2011, 2013, 2015A and 2015B

September 30, 2015

Revenue:	
Actual water demand (mgd)	156.0700
Uniform rate (per 1,000 gallons)	<u>\$ 2.5590</u>
Revenue from sales	\$ 154,724,559
Transfer (to) from Rate Stabilization Fund	<u>(1,172,575)</u>
	153,551,984
Purchase price amortization credit	(10,231,557)
Litigation and insurance recoveries	979,352
Investment revenue – unrestricted (Note 1)	<u>758,519</u>
Total revenue	145,058,298
Operation and maintenance expenditures (Note 2)	<u>(66,234,230)</u>
Net revenue	<u>\$ 78,824,068</u>
Annual debt service payments Series 2001A bonds	\$ 3,000,000
Annual debt service payments Series 2004 bonds	14,246,788
Annual debt service payments Series 2005 bonds	13,379,888
Annual debt service payments Series 2006 bonds	1,569,683
Annual debt service payments Series 2008 bonds	5,068,750
Annual debt service payments Series 2010 bonds	3,331,800
Annual debt service payments Series 2011 bonds	13,550,750
Annual debt service payments Series 2011A bonds	4,413,889
Annual debt service payments Series 2011B bonds	4,039,785
Annual debt service payments Series 2013 bonds	3,619,550
Annual debt service payments Series 2015A bonds	4,397,553
Annual debt service payments Series 2015B bonds	<u>2,050,153</u>
Total debt service (Note 4)	72,668,589
Required deposit to Capital Improvement Fund	2,986,952
Required deposit to Renewal and Replacement Fund	2,891,688
Total debt service and reserve requirements	<u>\$ 78,547,229</u>
Debt service and reserve coverage (times)	<u>1.00</u>
Fund balance (Note 3)	<u>\$ 25,005,185</u>
Net revenue plus fund balance	<u>\$ 103,829,253</u>
Debt service coverage (times) (Note 4)	<u>1.43</u>

Note 1: Investment revenue does not include interest on construction funds of \$210,986 in 2015, realized investment losses of \$0.00 in 2015, or unrealized investment gains of \$277,714 in 2015.

Note 2: Operation and maintenance expenditures include capital expenditures for maintenance of the existing system of \$2,082,952 in 2015.

Note 3: Fund balance is defined by the Master Bond Resolution and is calculated as of the prior year-end in accordance with the Master Bond Resolution.

Note 4: Debt service coverage is calculated on the total debt service requirement, net of any capitalized interest provided from bond proceeds, in accordance with the Master Bond Resolution.



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## Management Letter on Internal Control and State Reporting Requirements

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

In planning and performing our audit of the financial statements of Tampa Bay Water, A Regional Water Supply Authority (the Agency) for the fiscal year ended September 30, 2016, in accordance with auditing standards generally accepted in the United States, we considered its internal control over financial reporting (internal control) as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Agency's internal control. Accordingly, we do not express an opinion on the effectiveness of the Agency's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control was for the limited purpose described in the first paragraph and was not designed to identify all deficiencies in internal control that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control that we consider to be material weaknesses, as defined above.

### **Other Required Disclosures**

#### ***Report on the Financial Statements***

We have audited the basic financial statements of the Agency as of and for the fiscal year ended September 30, 2015, and have issued our report thereon, dated June 13, 2016.

#### ***Auditor's Responsibility***

We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing standards*, issued by the Comptroller General of the United States; and Chapter 10.550, *Rules of the Auditor General*.

### ***Other Reports***

We have issued our Report of Independent Certified Public Accountants on Internal Control Over Financial Reporting and Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance With *Government Auditing Standards* and our Report of Independent Certified Public Accountants on Compliance on an examination conducted in accordance with AICPA Professional Standards, Section 601, regarding compliance requirements in accordance with Chapter 10.550, *Rules of the Auditor General* (collectively, the Reports). Disclosures in those Reports, which are dated June 13, 2016, should be considered in conjunction with this management letter.

### ***Prior Audit Findings***

Section 10.554(1)(i)1., *Rules of the Auditor General*, requires that we determine whether or not corrective actions have been taken to address findings and recommendations made in the preceding annual financial audit report. There were no prior year matters reported.

### ***Official Title and Legal Authority***

Section 10.554(1)(i)4., *Rules of the Auditor General*, requires that the name or official title and legal authority for the primary government and each component unit of the reporting entity be disclosed in this management letter, unless disclosed in the notes to the financial statements. The Agency has included such disclosures in the notes to the financial statements.

### ***Financial Condition***

Section 10.554(1)(i)5.a., *Rules of the Auditor General*, requires that we report the results of our determination as to whether or not the Agency has met one or more of the conditions described in Section 218.503(1), *Florida Statutes*, and identification of the specific condition(s) met. In connection with our audit, we determined that the Agency did not meet any of the conditions described in Section 218.503(1), *Florida Statutes*.

Pursuant to Sections 10.554(1)(i)5.c. and 10.556(8), *Rules of the Auditor General*, we applied financial condition assessment procedures that were agreed to by the management of the Agency. See our separate Report of Independent Certified Public Accountants on Applying Agreed-Upon Procedures dated June 13, 2016, for our procedures and findings.

### ***Annual Financial Report***

Section 10.554(1)(i)5.b., *Rules of the Auditor General*, requires that we report the results of our determination as to whether the annual financial report for the Agency for the fiscal year ended September 30, 2015, filed with the Florida Department of Financial Services pursuant to Section 218.32(1)(a), *Florida Statutes*, is in agreement with the annual financial audit report for



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the fiscal year ended September 30, 2015. See our separate Report of Independent Certified Public Accountants on Applying Agreed-Upon Procedures dated June 13, 2016, for our procedures and findings.

### ***Other Matters***

Section 10.554(1)(i)2., *Rules of the Auditor General*, requires that we address in the management letter any recommendations to improve financial management. In connection with our audit, we did not have any such recommendations. Section 10.554(1)(i)3., *Rules of the Auditor General*, requires that we address noncompliance with provisions of contracts or grant agreements, or abuse, that have occurred, or are likely to have occurred, that have an effect on the financial statements that is less than material but which warrants the attention of those charged with governance. See our Reports identified under “Other Reports” section above.

### ***Purpose of This Letter***

Our management letter is intended solely for the information and use of the Florida Auditor General, the Board of Directors of the Agency, and management and is not intended to be and should not be used by anyone other than these specified parties.

*Ernst + Young LLP*

June 13, 2016

## Report of Independent Certified Public Accountants on Applying Agreed-Upon Procedures

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

We have performed the procedures enumerated below, which were agreed to by the management of the Tampa Bay Water, A Regional Water Supply Authority (the Agency), solely to assist you in evaluating management's assertion that the Agency did not meet any of the indicators of financial emergency as enumerated in Section 218.503(1), *Florida Statutes*, as of September 30, 2015. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of these procedures is solely the responsibility of those parties specified in this report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

### Procedures

1. We read Section 218.503 (1), *Florida Statutes*, to identify the conditions for determining whether the Agency met any of the conditions of financial emergency as defined below:
  - a. Failure within the same fiscal year in which due to pay short term loans or failure to make bond debt service or other long-term debt payments when due, as a result of lack of funds.
  - b. Failure to pay uncontested claims from creditors within 90 days after the claim is presented, as a result of lack of funds.
  - c. Failure to transfer at the appropriate time, taxes withheld on the income of employees, due to lack of funds.
  - d. Failure to transfer at the appropriate time, employer and employer contributions federal social security, and pension, retirement or benefit plan of an employee, due to lack of funds.
  - e. Failure for one pay period to pay wages and salaries owed to employees or retirement benefits owed to former employees.



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2. We inquired of management of the Agency whether any of the conditions of financial emergency listed above in 1 (a) through (e) occurred during the fiscal year ended September 30, 2015.
3. We read the minutes of the meetings of the Agency for the fiscal year ended September 30, 2015 and through the date of this Report to determine whether there was any discussion of whether any of the conditions of financial emergency listed in 1(a) through (e) above occurred.
4. We selected a sample of debt service payments for all bond and other long-term debt agreements during the Agency's fiscal year ended September 30, 2015 to determine whether payments were being made when due as indicated below. As part of our debt procedures, we confirmed 100% of the debt service payments (for each of the bonds outstanding) and verified timeliness on a sample basis, noting no exceptions.
5. We selected a sample of income tax withholding payments, including FICA, made during the 2015 fiscal year to determine whether payments were being made when due as indicated below. As part of our payroll tests of transactions, we verified the FICA deductions for 21 individuals with FRS contributions during the year. These individuals had a total gross pay of \$53,692 for the payroll periods selected as part of our testing (total FICA for the year was \$706,450). As part of our testing, we verified the deductions were appropriate and traced the payment of the employer and employee contributions for each month containing our selection were paid to the Florida Retirement System timely.
6. We selected a sample of contributions made to the Agency's pension plan during the Agency's fiscal year ended September 30, 2015 to determine whether payments were being made when due as indicated below. As part of our payroll tests of transactions, we verified the FRS deductions for 21 individuals with FRS contributions during the year. These individuals had a total gross pay of \$53,692 for the payroll periods selected as part of our testing (total employee contributions for the year was \$268,048). As part of our testing, we verified the deductions were appropriate and traced the payment of the employer and employee contributions for each month containing our selection were paid to the Florida Retirement System timely.
7. We selected a sample of payrolls paid during the Agency's fiscal year 2015 to determine whether payments to employees were being made when due as indicated below. As part of our payroll procedures, we selected 23 employees with a total gross pay of \$58,706 (total payroll for the year was \$6,649,910). As part of our testing procedures, we obtained the payroll register for the respective pay period, identified our selection on the report, and agreed the total per the payroll register to the disbursement on the BB&T Payroll Account #147367473, w/o/e, in order to verify that payment was made appropriately.



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## Findings

We noted no exceptions based on the procedures performed as indicated above that would qualify as a condition of financial emergency pursuant to Section 218.503 (1) for the Agency during the 2015 fiscal year.

We were not engaged to and did not conduct an examination, the objective of which would be the expression of an opinion on management's assertion. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.

This report is intended solely for the information and use of management, the Board of Directors of the Agency and the Florida Auditor General and is not intended to be and should not be used by anyone other than these specified parties.

*Ernst & Young LLP*

June 13, 2016



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## Report of Independent Certified Public Accountants

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

We have examined management's assertion that Tampa Bay Water, A Regional Water Supply Authority (the Agency) complied with Section 218.415, *Florida Statutes*, requiring the adoption of an investment policy that includes all of the requirements listed in Sections 218.415(1) through (15), *Florida Statutes*, and that the Agency's investments were authorized by law and in accordance with its investment policy for the fiscal year ended September 30, 2015 as required by Section 218.415(17), *Florida Statutes*. Management is responsible for the Agency's compliance with those requirements. Our responsibility is to express an opinion on management's assertion about the Agency's compliance based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and, accordingly, included examining, on a test basis, evidence about the Agency's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion. Our examination does not provide a legal determination on the Agency's compliance with specified requirements.

In our opinion, management's assertion that the Agency complied with the aforementioned requirements for the fiscal year ended September 30, 2015, is fairly stated, in all material respects.

This report is intended solely for the information and use of the Agency and the Member Governments and the Florida Auditor General and is not intended to be and should not be used by anyone other than these specified parties.

*Ernst & Young LLP*

June 13, 2016

## Report of Independent Accountants on Applying Agreed-Upon Procedures

The Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

We have performed the procedures enumerated below, which were agreed to by the management of Tampa Bay Water, A Regional Water Supply Authority (the Agency), solely to assist you in evaluating management's assertion that the Agency does not meet any of the indicators of deteriorating financial condition as enumerated in Section 218.39.5(b), *Florida Statutes*, as of September 30, 2015. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants.

The sufficiency of these procedures is solely the responsibility of those parties specified in this report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

### Procedures

We obtained the audited financial statements of the Agency as of and for the fiscal year ended September 30, 2015, and determined whether there was a total net position deficit reported as of September 30, 2015. We also compared the total net position reported in the Agency's audited 2015 financial statements to the total net position reported in the Agency's audited financial statements as of and for the fiscal year ended September 30, 2014.

### Findings

We noted no net position deficit as of September 30, 2015. We also noted that total net position increased during the fiscal year ended September 30, 2015.

We were not engaged to and did not conduct an examination, the objective of which would be the expression of an opinion on management's assertion. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.



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This report is intended solely for the information and use of management and the Board of Directors of the Agency and the Florida Auditor General and is not intended to be and should not be used by anyone other than these specified parties.

*Ernst + Young LLP*

June 13, 2016



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## Report of Independent Certified Public Accountants on Applying Agreed-Upon Procedures

To the Board of Directors  
Tampa Bay Water, A Regional Water Supply Authority

We have performed the procedure enumerated below, which was agreed to by the management of Tampa Bay Water, A Regional Water Supply Authority (the Agency), solely to assist you in evaluating management's assertion that the Agency's annual financial report filed with the Florida Department of Financial Services pursuant to Section 218.32 (1), *Florida Statutes*, is in agreement with the annual audited financial statements for the Agency's September 30, 2015 fiscal year end. This agreed-upon procedures engagement was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. The sufficiency of these procedures is solely the responsibility of those parties specified in this report. Consequently, we make no representation regarding the sufficiency of the procedures described below either for the purpose for which this report has been requested or for any other purpose.

### Procedure

We compared the financial information included in the Agency's annual financial report filed with the Florida Department of Financial Services pursuant to Section 218.32(1), *Florida Statutes*, as of and for the year ended September 30, 2015 to the Agency's annual audited financial statements for the 2015 fiscal year end.

### Findings

We noted the financial information included in the Agency's annual financial report filed with the Florida Department of Financial Services pursuant to Section 218.32(1), *Florida Statutes*, as of and for the year ended September 30, 2015 agreed with the Agency's annual audited financial statements for the September 30, 2015 fiscal year end.

We were not engaged to and did not conduct an examination, the objective of which would be the expression of an opinion on management's assertion. Accordingly, we do not express such an opinion. Had we performed additional procedures, other matters might have come to our attention that would have been reported to you.



This report is intended solely for the information and use of management, the Board of Supervisors and the Florida Auditor General and is not intended to be and should not be used by anyone other than these specified parties.

*Ernst & Young LLP*

June 13, 2016

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