

Accounting Tax Business Consulting

PROVIDENCE WATER SUPPLY BOARD (AN ENTERPRISE FUND OF THE CITY OF PROVIDENCE, RHODE ISLAND)

FINANCIAL STATEMENTS

FOR THE YEARS ENDED JUNE 30, 2017 AND 2016

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Independent Auditors' Report

To the Board of Directors of Providence Water Supply Board

Report on the Financial Statements

We have audited the accompanying financial statements of Providence Water Supply Board (Water Supply Board) of the City of Providence, Rhode Island, as of and for the years ended June 30, 2017 and 2016, and the related notes to the financial statements, as listed in the table of contents.

Management's Responsibility for the Financial Statements

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

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America 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 from 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 auditors' 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 auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. 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 opinions.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Water Supply Board as of June 30, 2017 and 2016 and the respective changes in financial position and cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

Presentation

As discussed in Note 1, the financial statements of the Water Supply Board are intended to present the financial position, the changes in financial position and, where applicable, cash flows of only that portion of the business-type activities of the City of Providence that are attributable to the transactions of the Water Supply Board. They do not purport to, and do not, present fairly the financial position of the City of Providence as of June 30, 2017 and 2016, the changes in its financial position, or where applicable, its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 7 and the pension schedules on pages 30 through 32 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, who 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 of America, 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.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 29, 2017, on our consideration of the Water Supply Board'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 solely 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 the effectiveness of the Water Supply Board's 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 Water Supply Board's internal control over financial reporting and compliance.

Cranston, Rhode Island December 29, 2017

Blum, Shapino + Company, P.C.

The management of the Providence Water Supply Board (the Water Supply Board) offers readers of our financial statements the following narrative overview and analysis of our financial activities for the years ended June 30, 2017 and 2016.

Financial Statements

Our financial statements are prepared using proprietary fund (enterprise fund) accounting that uses the same basis of accounting as private-sector business enterprises. Under this method of accounting an economic resources measurement focus and the accrual basis of accounting are used.

Revenue is recorded when earned and expenses are recorded when incurred. The financial statements include statements of net position, statements of revenues, expenses and changes in net position, and statements of cash flows. These statements are followed by notes to the financial statements.

- The statements of net position present information on the assets and liabilities, with the difference between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Water Supply Board is improving or deteriorating.
- The statements of revenues, expenses and changes in net position report the operating and nonoperating revenues and expenses of the Water Supply Board for the fiscal year with the difference the net income or loss being combined with any capital contributions to determine the change in net position for the fiscal year. That change combined with the previous year-end net position total reconciles to the net position at the end of the fiscal year.
- The statements of cash flows report cash and cash equivalents activity for the fiscal year resulting from
 operating activities, noncapital financing activities, capital and related financing activities, and investing
 activities. The net result of these activities added to the beginning of the year cash balance reconciles
 to the cash and cash equivalents balance at the end of the fiscal year.

Condensed Financial Information

	_	2017	2016		2015	
	_					_
Total current assets	\$	54,554,469	\$	54,703,458	\$	55,703,859
Total long-term assets	_	391,547,959	•	360,983,066		317,261,613
Total assets	_	446,102,428		415,686,524		372,965,472
Deferred outflows of resources	_	4,739,191		6,348,674		1,156,442
-		44.050.700		10 100 000		40,400,070
Total current liabilities		11,953,738		13,183,282		13,498,670
Total long-term liabilities	-	170,282,008	,	157,876,249		123,484,780
Total liabilities	-	182,235,746		171,059,531		136,983,450
Deferred inflows of resources		706 E0E		170 600		
Deferred inflows of resources	-	786,585	•	178,623		<u>-</u> _
Net position:						
Net investment in capital assets		273,631,269		256,129,467		239,087,594
Restricted fund		41,155,297		37,233,166		36,145,168
Unrestricted fund		(46,967,278)		(42,565,589)		(38,094,301)
Official falla	-	(40,301,210)		(42,000,000)		(30,034,301)
Total Net Position	\$	267,819,288	\$	250,797,044	\$	237,138,461
	=					
Total operating revenue	\$_	71,778,075	\$	69,209,492	\$	69,231,217
Total operating expenses		45,438,116		44,687,516		43,179,067
Depreciation	_	10,327,272		10,673,384		11,313,363
Total operating expenses including depreciation		55,765,388		55,360,900		54,492,430
Operating income		16,012,687		13,848,592		14,738,787
Nonoperating expense		(2,622,675)		(673,210)		(1,811,838)
Capital grants and contributions	_	405,252	1	483,201		1,098,257
	_		_		_	
Change in Net Position	\$_	13,795,264	\$	13,658,583	\$	14,025,206

Financial Highlights

During the year, the Water Supply Board had operating revenues that exceeded operating expenses by \$16.0 million. These are primarily due to rate relief to support the continued commitment to the replacement of aging infrastructure, careful management of operating costs, and unexpended revenues allocated for restricted funds. Total assets were \$450.8 million, up \$28.8 million from last year's total assets of \$422.0 million. Current assets, principally cash, decreased by \$0.15 million, and net plant increased by \$30.6 million.

The Water Supply Board's net position totaled \$267.8 million at June 30, 2017, an increase of \$17.0 million from June 30, 2016. The increase is the result of unexpended revenue allocated for restricted funds. Also, reflected in the change to our net position is net operating income of \$16.0 million, net nonoperating expenses of \$2.6 million, and capital contributions of \$.39 million.

The Water Supply Board's net position totaled \$250.8 million at June 30, 2016, an increase of \$13.66 million from June 30, 2015. The increase is the result of unexpended revenue allocated for restricted funds. Also reflected in the change to our net position is net operating income of \$13.8 million, net nonoperating expenses of \$0.67 million, and capital contributions of \$0.40 million.

The Water Supply Board's total operating revenues were \$71.8 million for fiscal year 2017 which was a slight increase over the prior year. One reason for the increase is the 8.5% rate increase approved by the RI Public Utilities Commission (PUC) effective February 17, 2017. The rate increase would result in approximately \$1.9 million in additional revenue in fiscal year 2017. Also, as of January 13, 2017, the Water Supply Board merged with the East Smithfield Water District (ESWD). ESWD historically has been a wholesale customer of the Water Supply Board. The merger resulted in an additional 2,400 retail customers. This addition of retail customers could result in potential retail revenue of approximately \$700,000 per year compared to \$410,000 revenue as a wholesale customer.

The Water Supply Board's total operating revenues were \$69.2 million for fiscal year 2016, which is consistent with the prior year. Total operating expenses of the water system amounted to \$55.4 million, which is a slight increase over the prior year's amount of \$54.5 million. Fiscal year 2016 nonoperating revenue consisted of interest income amounting to \$404,534 and other revenue which is derived from a tax relief payment agreement between the Water Supply Board and the Town of Foster. The agreement called for the Town of Foster to reimburse the Water Supply Board a total of \$1.6 million plus interest over the next 10 years. Nonoperating expense of \$2.7 million was principally interest expense on long-term debt. Capital grants and contributions in fiscal year 2016 amounted to \$0.48 million.

Capital Assets and Debt Administration

Capital Assets:

At June 30, 2017, the Water Supply Board had \$390.1 million invested in various capital assets, including land, buildings and improvements, transmission and distribution mains, reservoirs, services, hydrants and appurtenances, machinery and equipment, and construction work in progress. This amount represents a net increase in capital assets of \$30.7 million, or 8.5%, over the prior year.

At June 30, 2016, the Water Supply Board had \$359.7 million invested in various capital assets. This amount represented a net increase of \$42.4 million, or 13.4%, over the previous year.

Major project expenditures in fiscal year 2017 included (in millions):

*	Central Operating Facility	\$ 12.92
*	Replace/upgrade Water Mains	\$ 12.32
*	Replace sand filters	\$ 2.17
*	102" & 78" Aqueducts - Investigation/rehabilitation	\$ 1.34
*	GIS System and Asset Management System	\$ 0.70
*	Pre-treatment Pilot - Scale Evaluation	\$ 0.69
*	Replace lead services	\$ 0.44
*	Replace fire hydrants	\$ 0.43
*	Plant Influent and Aerator Rehabilitation	\$ 0.39
*	Replace Blow-offs	\$ 0.36
*	Unidirectional Flushing (UDF) Program Development	\$ 0.30
*	Treatment Process and Water Quality Studies	\$ 0.30
*	Treatment Plant Architectural Upgrades	\$ 0.25
*	Computer/IT Equipment Virtualization	\$ 0.21
*	Chlorine Room Monorail and Scales Replacement	\$ 0.21
*	Replace Distribution Valves	\$ 0.20
*	Renewable Energy Feasibility Study	\$ 0.15
*	Water Main Tie-ins	\$ 0.13
*	Various Pumping and Storage Improvements	\$ 0.12
*	Fruit Hill Pumping Station Upgrades	\$ 0.11

The Water Supply Board's fiscal year 2017 capital budget included project expenditures of \$34.38 million for infrastructure and capital projects. The major projects were: continuation of the renovation of the new central operation facility, water main replacements and upgrades, treatment plant filter replacements, 102" and 78" aqueducts rehabilitation, installation of a new asset management system, replacement of lead services and aging fire hydrants, plant influent and aerator upgrades, replacement and upgrade of aging computer infrastructure, and upgrades to aging pump stations. The majority of infrastructure projects are financed on a pay-as-you-go, cash basis from rate revenues. Some major projects were funded from bond proceeds issued through the Rhode Island Infrastructure Bank (RIIB) in fiscal year 2017. New major capital investments that will benefit ratepayers for many years are generally funded with long-term debt financing.

Debt:

At June 30, 2017, the Water Supply Board had \$116.7 million in bonds and notes outstanding versus \$103.5 million in the previous year. This represented an increase of \$13.2 million or 12.7%. Providence Water Supply Board sought and received approval from the RI Division of Public Utilities (the Division) to borrow \$16.272 million from the RI Infrastructure Bank to finance the replacement and rehabilitation of water mains in the distribution system. The new \$16.272 million was issued in May of 2017, and the necessary rates were approved by the PUC as a part of the new rates approved in February of 2017.

At June 30, 2016, the Water Supply Board had \$103.5 million in bonds and notes outstanding versus \$78.2 million in the previous year. This represented an increase of \$25.4 million, or 32.4%. This increase was a result of a new bond issue in the amount of \$30 million to finance the new Central Operations Facility.

Subsequent Events

In October of 2017, Providence Water Supply Board officially opened its doors of its new Central Operation Facility to the public. The facility is located at 125 Dupont Drive in Providence.

Union Contract

The labor force of the Water Supply Board, with the exception of management, is covered by a union contract which is effective for the period of July 1, 2016 through June 30, 2018.

Contacting Providence Water's Financial Management

This financial report is designed to provide our customers, investors and creditors with a general overview of the Providence Water Supply Board's finances and to illustrate the Providence Water Supply Board's accountability for the monies it receives. If you have questions about this report or need additional financial information, please contact the Finance Department at the Providence Water Supply Board, 125 Dupont Drive, Providence, RI 02907.

PROVIDENCE WATER SUPPLY BOARD (AN ENTERPRISE FUND OF THE CITY OF PROVIDENCE, RHODE ISLAND) STATEMENTS OF NET POSITION JUNE 30, 2017 AND 2016

Assets: Current unrestricted assets: Cash and cash equivalents Accounts receivable, net of allowance for uncollectible accounts of \$1,223,168 in 2017 and \$1,242,827 in 2016 Accounts receivable - unbilled inventory Other assets Total current unrestricted assets: Cash and cash equivalents Accounts receivable - unbilled inventory Other assets Total current unrestricted assets Cash and cash equivalents Accounts receivable - short term Accounts receivable - short term Total current restricted assets Cash and cash equivalents Accounts receivable - short term 131,782 Total current restricted assets Capital assets Land Current assets Capital assets: Land Building and improvements Improvements other than buildings Improvements other than buildings Machinery and equipment Scituate Reservoir Project Scituate Reservoir Project Construction in progress Accounts receivable - long term Other noncurrent assets: Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 450,841,619 422,035,198			2017		2016
Cash and cash equivalents \$ 1,324,140 \$ 2,364,040 Accounts receivable, net of allowance for uncollectible acounts of \$1,223,168 in 2017 and \$1,242,827 in 2016 6,817,315 6,696,642 Accounts receivable - unbilled 2,633,646 2,843,801 Inventory 570,693 569,051 Other assets 113,716 12,473,534 Total current unrestricted assets 113,756 12,473,534 Current restricted assets: 2 42,887,926 42,041,914 Accounts receivable assets 42,887,926 42,041,914 Accounts receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 2 2 Land 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 77,166,083	Assets:	_			
Accounts receivable, net of allowance for uncollectible accounts of \$1,223,168 in 2017 and \$1,242,827 in 2016	Current unrestricted assets:				
accounts of \$1,223,168 in 2017 and \$1,242,827 in 2016 6,817,315 6,696,642 Accounts receivable - unbilled Inventory 2,633,646 2,843,801 Other assets 113,716 113,716 Total current unrestricted assets 111,459,510 12,473,534 Current restricted assets: 2 42,041,914 Cash and cash equivalents 42,887,926 42,041,914 Accounts receivable 75,251 60,571 Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 2 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404	Cash and cash equivalents	\$	1,324,140	\$	2,364,040
Accounts receivable - unbilled Inventory 2,633,646 2,843,801 Inventory 570,693 569,051 Other assets Total current unrestricted assets 1113,716 113,718 112,473,534 Current restricted assets: Cash and cash equivalents 42,887,926 42,041,914 Accounts receivable - short term 131,782 127,439 Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: Land 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,751,31 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 <tr< td=""><td>Accounts receivable, net of allowance for uncollectible</td><td></td><td></td><td></td><td></td></tr<>	Accounts receivable, net of allowance for uncollectible				
Inventory	accounts of \$1,223,168 in 2017 and \$1,242,827 in 2016		6,817,315		6,696,642
Other assets 113,716 12,473,534 Total current unrestricted assets: 11,459,510 12,473,534 Current restricted assets: 2 Cash and cash equivalents 42,887,926 42,041,914 Accounts receivable 75,251 60,571 Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 2 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: <td>Accounts receivable - unbilled</td> <td></td> <td>2,633,646</td> <td></td> <td>2,843,801</td>	Accounts receivable - unbilled		2,633,646		2,843,801
Total current unrestricted assets 11,459,510 12,473,534 Current restricted assets: 2 Cash and cash equivalents 42,887,926 42,041,914 Accounts receivable 75,251 60,571 Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 2,739,191 6,348,674	Inventory		570,693		569,051
Current restricted assets: 42,887,926 42,041,914 Cash and cash equivalents 75,251 60,571 Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	Other assets		113,716		
Cash and cash equivalents 42,887,926 42,041,914 Accounts receivable 75,251 60,571 Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 2,739,191 6,348,674	Total current unrestricted assets	_	11,459,510		12,473,534
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Notes receivable - short term 131,782 127,439 Total current restricted assets 43,094,959 42,229,924 Total current assets 54,554,469 54,703,458 Capital assets: 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	·				
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Capital assets: 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674		-	, ,		, ,
Land 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	Total current assets	_	54,554,469		54,703,458
Land 24,113,598 23,836,137 Building and improvements 117,974,309 103,048,502 Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 1,176,605 1,308,387	Capital assets:				
Improvements other than buildings 339,975,131 326,348,497 Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 4,739,191 6,348,674	Land		24,113,598		23,836,137
Machinery and equipment 32,722,062 31,999,221 Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	Building and improvements		117,974,309		103,048,502
Scituate Reservoir Project 18,681,695 18,681,695 Construction in progress 85,556,950 73,252,031 619,023,745 577,166,083 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 4,739,191 6,348,674	Improvements other than buildings		339,975,131		326,348,497
Construction in progress 85,556,950 73,252,031 619,023,745 577,166,083 Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 4,739,191 6,348,674 Pension-related deferred outflows of resources 4,739,191 6,348,674	Machinery and equipment		32,722,062		31,999,221
Less accumulated depreciation and amortization 228,652,391 217,491,404 Total capital assets, net 390,371,354 359,674,679 Other noncurrent assets: 1,176,605 1,308,387 Deferred Outflows of Resources: 4,739,191 6,348,674	Scituate Reservoir Project		18,681,695		18,681,695
Less accumulated depreciation and amortization Total capital assets, net Other noncurrent assets: Notes receivable - long term Deferred Outflows of Resources: Pension-related deferred outflows of resources 228,652,391 390,371,354 359,674,679 1,176,605 1,308,387	Construction in progress	_	85,556,950		73,252,031
Total capital assets, net Other noncurrent assets: Notes receivable - long term Deferred Outflows of Resources: Pension-related deferred outflows of resources 390,371,354 359,674,679 1,176,605 1,308,387 4,739,191 6,348,674		_	619,023,745		577,166,083
Other noncurrent assets: Notes receivable - long term Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	Less accumulated depreciation and amortization	_	228,652,391		217,491,404
Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	Total capital assets, net	_	390,371,354		359,674,679
Notes receivable - long term 1,176,605 1,308,387 Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674	Other noncurrent assets:				
Deferred Outflows of Resources: Pension-related deferred outflows of resources 4,739,191 6,348,674			1.176.605		1.308.387
Pension-related deferred outflows of resources 4,739,191 6,348,674	3	_	, -,	•	, ,
	Deferred Outflows of Resources:				
Total assets and deferred outflows of resources 450,841,619 422,035,198	Pension-related deferred outflows of resources	_	4,739,191		6,348,674
	Total assets and deferred outflows of resources	_	450,841,619		422,035,198

PROVIDENCE WATER SUPPLY BOARD (AN ENTERPRISE FUND OF THE CITY OF PROVIDENCE, RHODE ISLAND) STATEMENTS OF NET POSITION (CONTINUED) JUNE 30, 2017 AND 2016

	_	2017		2016
Liabilities:				
Current:				
Current portion of long-term debt	\$	5,391,621	\$	3,892,845
Due to City of Providence General Fund		743,174		643,624
Accounts payable		1,029,991		1,049,299
Accrued liabilities	_	2,849,290		2,600,756
	_	10,014,076		8,186,524
Amounts to be paid from current restricted assets:				
Due to Water Resources Board		304,847		360,017
Accounts payable	_	1,634,815		4,636,741
	_	1,939,662		4,996,758
Total current liabilities	-	11,953,738		13,183,282
Noncurrent liabilities:				
General revenue bonds		111,348,464		99,652,367
Net pension liability		50,302,544		50,365,882
Other post employment benefit obligations payable		8,631,000	_	7,858,000
Total noncurrent liabilities	=	170,282,008		157,876,249
Total liabilities	-	182,235,746		171,059,531
Deferred Inflows of Resources:				
Pension-related deferred inflows of resources	_	786,585		178,623
Net Position:				
Net investment in capital assets		273,631,269		256,129,467
Restricted		41,155,297		37,233,166
Unrestricted	_	(46,967,278)		(42,565,589)
Total Net Position	\$	267,819,288	\$	250,797,044

PROVIDENCE WATER SUPPLY BOARD (AN ENTERPRISE FUND OF THE CITY OF PROVIDENCE, RHODE ISLAND) STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION FOR THE YEARS ENDED JUNE 30, 2017 AND 2016

	_	2017	·	2016
Operating Revenues:				
Charges for services:				
Water sales:				
General customers	\$	49,599,264	\$	47,413,514
Other local water suppliers	·	17,007,836	·	16,929,522
Fire protection services		2,421,070		2,322,938
Maintenance charges and other revenue		2,749,905		2,543,518
Total operating revenues	_	71,778,075		69,209,492
Operating Expenses:				
Source of supply		2,705,585		2,785,157
Pumping operations		878,433		755,951
Water treatment		7,591,065		7,376,945
Transmission and distribution		6,213,933		6,158,189
Charge for services provided by other City departments		839,167		839,167
Customer accounts and service		4,111,085		3,738,236
Administrative and general		15,937,492		16,014,991
Depreciation		10,327,272		10,673,384
Property taxes - other local governments	_	7,161,356		7,018,880
Total operating expenses	_	55,765,388		55,360,900
Operating Income	_	16,012,687	•	13,848,592
Nonoperating Revenue (Expense):				
Interest income		279,905		404,534
Interest expense and other		(2,902,580)		(2,682,272)
Other revenues	_			1,604,528
Net nonoperating expense	_	(2,622,675)		(673,210)
Capital Grants and Contributions	-	405,252		483,201
Change in Net Position		13,795,264		13,658,583
Net Position Acquired via Merger		3,226,980		-
Net Position - Beginning of Year	_	250,797,044	•	237,138,461
Net Position - End of Year	\$ <u>_</u>	267,819,288	\$	250,797,044

The accompanying notes are an integral part of the financial statements

PROVIDENCE WATER SUPPLY BOARD (AN ENTERPRISE FUND OF THE CITY OF PROVIDENCE, RHODE ISLAND) STATEMENTS OF CASH FLOWS FOR THE YEARS ENDED JUNE 30, 2017 AND 2016

		2017	2016
Cash Flows from Operating Activities:		70 405 040	74 440 007
Receipts from customers	\$	72,135,913 \$	71,148,337
Payments to vendors		(26,927,557)	(24,401,681)
Payments to employees		(18,331,135)	(17,785,511)
Net cash provided by (used in) operating activities		26,877,221	28,961,145
Cash Flows from Capital and Related Financing Activities:			
Acquisition and construction of capital assets		(37,488,692)	(53,086,450)
Interest and issuance costs paid on debt		(2,902,580)	(2,682,272)
Principal payments on long-term debt		(3,944,684)	(4,628,807)
Proceeds from long-term debt		16,272,095	30,000,000
Proceeds from note receivable		127,439	168,702
Capital grants		405,252	483,201
Net cash provided by (used in) capital and related financing activities		(27,531,170)	(29,745,626)
Cash Flows from Investing Activities:			
Investment income (loss)		279,905	404,534
Cash acquired through merger		180,156	
Net cash provided by (used in) investing activities		460,061	404,534
Net Increase (Decrease) in Cash and Cash Equivalents		(193,888)	(379,947)
Cash and Cash Equivalents - Beginning of Year		44,405,954	44,785,901
Cash and Cash Equivalents - End of Year	\$	44,212,066 \$	44,405,954
Unrestricted Cash and Cash Equivalents	\$	1,324,140 \$	2,364,040
Restricted Cash and Cash Equivalents		42,887,926	42,041,914
	\$	44,212,066 \$	44,405,954
Reconciliation of Operating Income (Loss) to Net Cash Provided by (Used in) Operating Activities:			
Operating income (loss)	\$	16,012,687 \$	13,848,592
Adjustments to reconcile operating income (loss) to net	φ	10,012,007 φ	13,040,392
cash provided by (used in) operating activities:			
Depreciation		10,327,272	10,673,384
Provision for doubtful accounts		19,659	4,251
Changes in assets and liabilities:		10,000	4,201
(Increase) decrease in accounts receivable		410,094	185,708
(Increase) decrease in accounts receivable (Increase) decrease in inventories		46,036	257,479
(Increase) decrease in other assets		40,000	300,455
(Increase) decrease in deferred outflows of resources		1,624,539	(5,192,232)
Increase (decrease) in due to other funds		99,550	(750,798)
Increase (decrease) in accounts payable and accrued expenses		(2,970,744)	1,171,374
Increase (decrease) net pension liability		(63,338)	7,097,309
Increase (decrease) OPEB obligation		773,000	1,187,000
Increase (decrease) in deferred inflows of resources		598,466	178,623
Net Cash Provided by (Used in) Operating Activities	\$	26,877,221 \$	28,961,145

The accompanying notes are an integral part of the financial statements

1. NATURE OF BUSINESS AND SIGNIFICANT ACCOUNTING POLICIES

A. REPORTING ENTITY

The Providence Water Supply Board, an enterprise fund of the City of Providence, (the Water Supply Board) was created in 1940 by Chapter 832 of the Public Laws of the State of Rhode Island. Membership of the Water Supply Board is comprised of four persons appointed by the Mayor, who serve for four-year staggered terms and two City Council members elected by the City Council who serve during their four-year City Council term. The Finance Director of the City of Providence also serves as an exofficio Water Supply Board member.

The Water Supply Board provides water supply services through metered sales in Providence and parts of the surrounding communities of North Providence, Johnston and Cranston. The Water Supply Board also sells water to other local water supply systems on a wholesale basis. The Water Supply Board's source of water supply is the Scituate Reservoir, located in the Town of Scituate, Rhode Island, and five tributary reservoirs.

B. SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The Water Supply Board is considered an enterprise fund of the City of Providence (the City). The operations of the Water Supply Board are accounted for with a separate set of self-balancing accounts organized on a Proprietary Fund type (Enterprise Fund) basis.

Enterprise Funds are used to account for operations (a) that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the costs (including depreciation) of providing goods and services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or change in net position is appropriate for capital maintenance, public policy, management control, accountability or other purposes.

The Water Supply Board utilizes the accrual basis of accounting, under which revenues are recognized when earned and expenses are recognized when incurred regardless of the timing of the related cash flows.

Regulations and Operations

The Water Supply Board is subject, as to rates and other matters, to the regulatory authority of the State of Rhode Island Public Utilities Commission (PUC).

Cash Equivalents

The Water Supply Board considers all highly liquid instruments with an original maturity of three months or less, when purchased, to be cash equivalents.

Investments

The Water Supply Board accounts for investments at fair values, which are established by quoted market prices in active markets that are accessible at the measurement date for identical, unrestricted assets. Fair value is defined as the price that two parties are willing to pay to acquire an asset or settle a liability in an orderly transaction in the market place.

Inventory

Inventory, consisting of materials and supplies, is valued at the lower of average cost or market using the first-in, first-out method.

Capital Assets, Depreciation and Amortization

Capital assets owned by the Water Supply Board are stated at cost and are defined as assets with an initial cost of more than \$3,000 and an estimated useful life in excess of 1 year. Depreciation and amortization is provided over the estimated useful lives using the straight-line method. The estimated useful lives are as follows:

Building, source of supply structures and improvements	5-75 years
Improvements other than buildings	3-75 years
Equipment	3-50 years

Depreciation expense is not reflected for construction in progress until such time as it is placed in service. Assets under capital leases are amortized under the Water Supply Board's normal depreciation policies for similar assets.

Restricted Funds for Construction of Assets

Restricted funds for construction of assets represent unexpended revenue bond proceeds obtained specifically for construction of water facilities, as well as revenues restricted for capital improvements by the PUC. These funds are included in restricted assets.

Capital Contributions

Capital contributions consist of property and equipment paid for by customers for water installations. Once the installation is complete, the property and equipment transfers to the Water Supply Board at fair value.

Impact Fees

The impact fees assessment was established in 1996 when the Water Supply Board acquired the water distribution system in the City of Cranston. As part of the agreement for the acquisition, the Water Supply Board assumed all operation obligation, benefits and assets, and debt service related to the water distribution system, and created an impact fee agreement with the City of Cranston. In accordance with the City of Cranston ordinance, impact fee for the water system improvement must be set aside by the City of Cranston and paid to the Water Supply Board or deducted from the debt services the Water Supply Board pays to the City of Cranston.

The impact fee is assessed by the City of Cranston based on the agreement with the Water Supply Board. If new water systems facilities are required to serve areas where no water system presently exists, the Water Supply Board will collect a subdivision processing fee, and the City of Cranston will collect a water impact fee for the benefit of the Water Supply Board as follows: 1) residential \$1,352 per unit; 2) industrial and commercial \$6,003 per acre. The Water Supply Board in turn agreed to use the said impact fee solely for the purpose of construction of new water system facilities required to serve areas where no water system presently exists. In 2017, the \$75,250 in fees that had been collected was recognized by the Water Supply Board as revenue.

Revenues, Operating Revenues and Expenses

Revenues include amounts billed and unbilled to all customers, including those customers outside the City of Providence. All billed charges are based on rates approved by the PUC. Revenues for unbilled amounts to general customers are estimated based on billing amounts subsequent to year end. The Water Supply Board distinguishes operating revenues and expenses from nonoperating. Operating revenues result from charges to customers for water and related services. Operating expenses include the cost of operations, maintenance, sales and service, administrative expenses and depreciation. All revenues and expenses not meeting this definition are reported as nonoperating or capital contributions.

Concentration of Credit Risk

The Water Supply Board's financial instruments that are exposed to concentrations of credit risk consist primarily of accounts receivable. Exposure to losses on receivables is principally dependent on each customer's financial condition. Concentration of credit risk with respect to receivables is limited due to the large number of customers. The Water Supply Board monitors its exposure for credit losses and maintains allowances for anticipated losses.

Use of Estimates

The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities as of the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Compensated Absences

Employees accumulate sick leave hours for subsequent use or for payment upon retirement. Sick leave and vacation may be carried forward into the following calendar year, but not to exceed 135 days and 30 days, respectively.

Vested sick leave and accumulated vacation leave are recorded as expenses and liabilities as the benefits accrue to employees.

Deferred Outflows/Inflows of Resources

In addition to assets, the statement of net position can report deferred outflows of resources. Deferred outflow of resources represents a consumption of net position that applies to a future period which will not be recognized as an outflow of resources (expense) until that later date. At June 30, 2017, the Water Supply Board reports deferred outflows related to pension in the statement of net position. A deferred outflow of resources related to pension results from differences between expected and actual experience, changes in assumptions or other inputs. These amounts are deferred and included in pension expense in a systematic and rational manner over a period equal to the average of the expected remaining service lives of all employees that are provided with benefits through the pension plan (active employees and inactive employees).

In addition to liabilities, the statement of net position can report deferred inflows of resources. Deferred inflows of resources represent the acquisition of net position that applies to a future period and which will not be recognized as an inflow of resources (revenue) until a later date. A deferred inflow of resources related to pension results from differences between expected and actual experience, changes in assumptions or other inputs. These amounts are deferred and included in pension expense in a systematic and rational manner over a period equal to the average of the expected remaining service lives of all employees that are provided with benefits through the pension plan (active employees and inactive employees).

2. RESTRICTED ASSETS

The State of Rhode Island enacted the Public Drinking Water Protection Act of 1987 (the Act) that empowers suppliers of public drinking water to levy a surcharge (the surcharge) of one cent (\$0.01) per hundred gallons of water for all customers. The surcharge has been amended several times since 1987. The last increase was on July 1, 2002, when the surcharge increased to \$0.0292 per hundred gallons of water for all customers. Of those collected funds, the Water Supply Board will retain 36.1% of the surcharge in its Water Quality Protection Fund, remit 57.0% to the State Water Resources Board and retain 6.9% for general operations. The funds collected in the Water Quality Protection Fund are to be expended in the following manner:

- at a minimum, 55% of the funds are to be spent for the acquisition of land or land rights or physical improvements to acquired land to protect the quality of the raw water of the water supply system;
- 35% may be used to acquire a fee simple interest or a conservation restriction that directly protects the quality and safety of the public drinking water supply; and
- 0% may be used by the supplier for any purpose relating to its operations.

The restricted investments are pooled with the cash and cash equivalents and investments of other funds maintained by the City of Providence. The earnings from investments are allocated in proportion to each fund's balance.

3. CASH

The following is a summary of cash and investments:

	_	2017	2016
Cash and cash equivalents Restricted cash and cash equivalents	\$_	1,324,140 42,887,926	\$ 2,364,040 42,041,914
	\$_	44,212,066	\$ 44,405,954

Responsibility for custodial credit risk of deposits, investment risk, interest rate risk and concentration of investments rests with the City. However, the deposits for the Water Supply Board are supported by collateralization agreements with its main banking institutions. These agreements collateralize the deposits at 102%. Of the cash and cash equivalent balances of \$43,503,382, \$250,000 is covered by Federal Deposit Insurance Corporation (FDIC) insurance and \$1,081,140 is the balance is covered by the collateral agreements.

4. CAPITAL ASSETS

The following is a summary of the activity in capital assets as of June 30, 2017:

	Beginning Balance	Additions	Assets Acquired via Merger	Disposals/ Transfers	Ending Balance
Capital assets not being depreciated:					
Land	\$ 23,836,137	\$ 277,461	\$	\$	\$ 24,113,598
Scituate Reservoir Project	18,681,695				18,681,695
Construction in progress	73,252,031	53,131,450	11,532	40,838,063	85,556,950
Total capital assets not being depreciated	115,769,863	53,408,911	11,532	40,838,063	128,352,243
Capital assets being depreciated:					
Buildings and improvements	103,048,502	14,925,807			117,974,309
Sewer and infrastructure	326,348,497	9,429,143	4,197,491		339,975,131
Equipment	31,999,221	562,893	159,948		32,722,062
Total capital assets being depreciated	461,396,220	24,917,843	4,357,439		490,671,502
Less accumulated depreciation for:					
Buildings and improvements	66,803,907	5,146,827			71,950,734
Sewer and infrastructure	122,031,894	4,621,228	733,335		127,386,457
Equipment	28,655,603	559,217	100,380		29,315,200
Total accumulated depreciation	217,491,404	10,327,272	833,715		228,652,391
Total capital assets being depreciated, net	243,904,816	14,590,571	3,523,724		262,019,111
Capital Assets, Net	\$ 359,674,679	\$ 67,999,482	\$ 3,535,256	\$ 40,838,063	\$ 390,371,354

The following is a summary of the activity in capital assets as of June 30, 2016:

	Beginning Balance	Additions	Disposals/ Transfers	Ending Balance
Capital assets not being depreciated:				
Land	\$ 22,613,760 \$	1,222,377	\$	23,836,137
Scituate Reservoir Project	18,681,695			18,681,695
Construction in progress	55,087,340	71,876,564	53,711,873	73,252,031
Total capital assets not being depreciated	96,382,795	73,098,941	53,711,873	115,769,863
Capital assets being depreciated:				
Buildings and improvements	84,679,611	18,368,891		103,048,502
Sewer and infrastructure	311,430,903	14,917,594		326,348,497
Equipment	31,586,324	412,897		31,999,221
Total capital assets being depreciated	427,696,838	33,699,382		461,396,220
Less accumulated depreciation for:				
Buildings and improvements	61,474,932	5,328,975		66,803,907
Sewer and infrastructure	117,431,723	4,600,171		122,031,894
Equipment	27,911,365	744,238		28,655,603
Total accumulated depreciation	206,818,020	10,673,384		217,491,404
Total capital assets being depreciated, net	220,878,818	23,025,998		243,904,816
Capital Assets, Net	\$ <u>317,261,613</u> \$	96,124,939	\$ 53,711,873 \$	359,674,679

5. LONG-TERM DEBT

Long-term debt activity for the years ended June 30, 2017 and 2016, was as follows:

						201	17					
		Beginning			Assu	mption of				Ending	[Oue Within
	_	Balance	Addit	ions	Debt	via Merger	R	Reductions	<u>.</u> .	Balance	_	One Year
Bonds payable:												
Revenue bonds	\$_	103,545,212 \$	16,27	2,095 \$	i	867,462	\$	3,944,684	<u>1</u> \$	116,740,085	\$	5,391,621
Long-Term Liabilities	\$_	103,545,212 \$	16,27	2,095 \$	s	867,462	\$	3,944,684	<u>1</u> \$	116,740,085	\$	5,391,621
											. ,	
						2	016					
		Beginning	g							Ending	Dı	ue Within
		Balance		Addi	Additions Reductions Balance		Balance	C	ne Year			
Bonds payable:												
Revenue bonds		\$ 78,174,0	<u>19</u> \$	30,00	0,000	\$	4,628	8,807_\$_	10	3,545,212 \$		3,892,845
Long-Term Liabilities	6	\$ 78,174,0	<u>19</u> \$	30,00	0,000	\$	4,628	8,807 \$	10	3,545,212 \$		3,892,845

The following is a summary of bonds and notes outstanding at June 30, 2017 and 2016:

	Amount of		
	Interest	Outstanding	Outstanding
Description	Rate (%)	June 30, 2017	June 30, 2016
Safe Drinking Water Bonds (CWFA FY2002)	3.61% %	\$ 783,429	\$ 924,704
Scituate Reservoir Project (PPBA FY 2011)	5.40%	225,688	368,258
Safe Drinking Water Bonds (CWFA FY2008)	2.85%	25,181,000	26,703,000
Safe Drinking Water Bonds (CWFA FY2010)	.0410% to 3.14%	7,062,250	7,458,250
Safe Clean Water Bonds (CWFA FY2012)	.072% to 3.26%	2,492,000	2,621,000
Safe Clean Water Bonds (CWFA FY2013)	.019% - 2.53%	3,662,000	3,842,000
Safe Drinking Water Bonds (CWFA FY2013)	.022% - 2.63%	22,913,000	23,960,000
Safe Drinking Water Bonds (CWFA FY2013)	.022% - 3.01%	7,334,000	7,668,000
Safe Drinking Water Bonds (CWFA FY2015)	.022% - 3.01%	29,999,000	30,000,000
Safe Drinking Water Bonds (CWFA FY2017)	.022% to 1.95%	16,272,095	
East Smithfield Water District DWSRF Bonds			
Series 2009A (RIIB- FY2009 Bond)	3.51%	187,940	205,836
East Smithfield Water District DWSRF Loan			
Series 2009A (RIIB- FY2009 Loan)	3.00%	130,000	140,000
East Smithfield Water District DWSRF Bond			
Series 2014A (RIIB- FY2014 Bond)	1.30% - 3.43%	497,683	521,626

Scheduled principal maturities of long-term debt are as follows:

Fiscal Year		Principal	ARRA / SRF Principal Forgiveness	Interest and Fees	 Total
2018	\$	5,391,621	\$ (277,765)	\$ 2,917,119	\$ 8,030,975
2019		6,077,425	(327,357)	2,953,432	8,703,500
2020		6,124,590	(333,541)	2,830,469	8,621,518
2021		6,263,502	(341,025)	2,696,875	8,619,352
2022		6,406,834	(348,269)	2,552,819	8,611,384
2023-2027		33,652,289	(1,859,937)	9,699,384	41,491,736
2028-2032		33,276,208	(1,969,833)	5,198,632	36,505,007
2033-2037	-	19,547,616	 (1,109,630)	1,149,422	 19,587,408
Total	\$	116,740,085	\$ (6,567,357)	\$ 29,998,153	\$ 140,170,881

6. TRANSACTIONS WITH CITY OF PROVIDENCE, RHODE ISLAND

The City of Providence performs various services for the Water Supply Board including certain accounting, personnel and cash management services and working capital support. The total billing to the Water Supply Board for services performed amounted to \$839,167 for each of the years ended June 30, 2017 and 2016. This amount is established by the City, approved by the Water Supply Board and ultimately approved by the PUC. The Water Supply Board also provides services to various City funds and departments, the charges for which have been included as revenue in the accompanying financial statements. Included within the due to City of Providence General Fund balance on the statements of net position are the related balances due for the services described above. The balance also includes payments for pension and post-employment benefits. The total balance due to the City of Providence General Fund at June 30, 2017 and 2016, totaled \$743,174 and \$643,624, respectively.

7. LINE OF CREDIT

The Water Supply Board opened a line of credit with Century Bank of \$5,000,000 in 2013. This line of credit is used for infrastructure replacement and renewed annually per the agreement terms. The balance as of June 30, 2017 and 2016 was \$-0-.

8. COMMITMENTS AND CONTINGENCIES

Risk Management

The Water Supply Board has a complete comprehensive insurance program protecting all facilities, employees and liability claims.

The Water Supply Board is subject to various claims and litigation that arise in the ordinary course of its operations. Legal counsel and management are of the opinion that the Water Supply Board's liabilities in such cases, if decided adversely to the Water Supply Board, would not materially affect the financial statements.

Union Contract

The labor force of the Water Supply Board, with the exception of management, is covered by a union contract, which is effective for the period July 1, 2016 to June 30, 2018.

Lead Service Replacement Program

The Environmental Protection Agency (EPA) Lead and Copper Rule (the Rule) requires that systems monitor drinking water at the customer tap. In accordance with the Rule, if after corrosion control optimization is implemented, lead concentrations exceed an action level of 15 ppb in more than 10% of customer taps sampled, the system is required to replace lead service lines under its ownership. The regulations require that the utility must replace annually 7% of the total amount of lead services in the system. In accordance with EPA requirements, the Rhode Island Department of Health (RIDOH) found that the Water Supply Board exceeded the lead action level on September 30, 2006 (the date of conclusion of that monitoring period) and was required to begin the annual replacement of 7% of its 25,600 lead services. Because of lead-time in gearing up for an undertaking of this magnitude, RIDOH and the Water Supply Board agreed to a compliance schedule that fulfilled the intent of the regulation whereby 14% of the lead services were to be replaced over the two-year period ending September 30, 2008 and 7% annually thereafter.

By September 2010, the Water Supply Board exceeded the lead service replacement requirement by over 2,200 services and as a result of being approximately one year ahead of the regulatory required pace, we were informed by RIDOH that the mandated replacements of lead service could be suspended until October 2011.

During this period, various concerns were raised about the effectiveness of partial lead service replacements, the persistence of lead levels in the water, and the difficulty of finding a proven solution for reducing the levels. In June 2012 the RIDOH, in concert with the EPA, agreed to enter into a consent agreement with the Water Supply Board, which granted a stay of the lead service replacement requirement for construction season 2012. As part of the agreement, RIDOH and the EPA required that the Water Supply Board convene a panel of national water quality experts, to include regulators, water professionals and members of academia, to recommend studies and/or treatment modifications with the objective of reducing lead levels in the water. In 2013, the Water Supply Board was granted a stay of the lead services replacement requirement for the 2013 construction season.

In April 2014, RIDOH granted the Water Supply Board a stay of the lead service replacement requirement for the 2014 construction season. By consent order the City of Providence is required to:

- 1. Continue with the consultation with its expert panel to evaluate corrosion control treatment in the system.
- 2. Conduct studies to examine alternative treatment schemes for optimization of corrosion control.
- 3. Continue a unidirectional flushing program.
- 4. Continue to rehabilitate and replace unlined cast iron mains that are usually found to be problematic in terms of both water quality and delivery capacity.

Even though the lead service replacement program is temporarily suspended, lead services are still replaced in conjunction with the water main replacement program. Lead services are also replaced on an ongoing basis where customers are voluntarily replacing their private side lead services. Lead services continue to be replaced in areas of local and state road resurfacing projects, and on projects initiated by private or outside entities. The Water Supply Board's own crews replace lead services that are found to be leaking. The replacement work is subject to all of the EPA regulatory notification, testing and reporting requirements.

Since inception of the reporting of the IFR program and the lead service replacement program to the RIPUC (July 1, 1996), the Water Supply Board has replaced 17,456 lead services to the end of fiscal year 2017 (June 30, 2017) at a cost of \$56,316,773.

9. DEFINED BENEFIT PENSION PLANS

Substantially all employees of the Water Supply Board participate in the Employees' Retirement System of the City of Providence (ERS or the Plan), a defined-benefit, single-employer plan. Water Supply Board employees participating in the Plan are eligible to retire at age 55 if hired prior to July 1, 2004, at age 60 if hired between July 1, 2004 and June 30, 2009, at age 62 with 10 years of service if hired on or after July 1, 2009 or at any age after 25 years of service if hired prior to July 1, 1995, or at any age after 30 years of service if hired on or after July 1, 1995. The total retirement allowance is equal to an annuity, which is the actuarial equivalent of accumulated contributions at the time of retirement, plus a pension, which when added together either; 1) equals 1/40 of final compensation for each year of total service up to 20 years and 1/50 of final compensation for each year of service in excess of 20 years if hired prior to July 1, 1996 or; 2) equals 1/50 of final compensation for each year of total service credited if hired on or after July 1, 1996. These benefit provisions and all other requirements are established by City ordinance.

ERS is governed by an Employee Retirement Board provided by the Providence Home Rule Charter. The ERS consists of elected officials, management and employee representation and provides for establishing rules and regulations and is responsible for the administration and operation of the City employee retirement system. The Board has the discretion and authority to interpret the Plan and to determine the eligibility and benefits of participants and beneficiaries pursuant to the provisions of the Plan. On all such matters, the decision of a majority of the then members of the Board shall govern and be binding upon the employer, participants and beneficiaries.

Membership of the ERS plan for the Water Supply Board consisted of the following at June 30, 2017, the date of the latest actuarial valuation:

inactive plan members or beneficiaries currently receiving benefits	167
Inactive employees entitled to but not yet receiving benefits	27
Active employees	236
Total	430

The Plan's investment policy in regard to the allocation of invested assets is established and may be amended by the City. It is the policy of the City to pursue an investment strategy that reduces risk through the prudent diversification of the portfolio across a broad selection of distinct asset classes. The pension Plan's investment policy discourages the use of cash equivalents, except for liquidity purposes, and aims to refrain from dramatically shifting asset class allocations over short time spans. The following was the asset allocation as of June 30, 2017:

Asset Class	Target Allocation
Domestic equity	39.25%
International developed markets equity	13.25
International emerging markets equity	1.50
Core fixed income	29.00
Hedge fund, GTAA, risk parity	13.00
Private equity	4.00
	100.00%

The total pension liability was determined by an actuarial valuation as of June 30, 2016 and rolled forward to June 30, 2017, using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation 3.50%

Salary increases 3.50% per year, before reflecting increases due to longevity

Investment rate of return 8.00%, net of pension plan investment expense,

including inflation

For the year ended June 30, 2017, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expenses, was 12.2%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

The long-term expected rate of return on Plan investments was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target allocation as of June 30, 2017 are summarized as follows:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Domestic equity	39.25%	6.44%
International developed markets equity	13.25	7.40
International emerging markets equity	1.50	9.42
Core fixed income	29.00	2.02
Hedge fund, GTAA, Risk parity	13.00	3.75
Private equity	4.00	10.47
	100.00%	

Contributions

Class A members and police officers are required to contribute 8% of their salary to the Plan. Class B members, other than police officers, are required to contribute 9.5% of their salary to the Plan. Water Supply Board employees are Class A members. The Mayor and City Council contribute to the Plan at a rate of \$350 per year. Additionally, the City shall contribute from time to time amounts sufficient with the contributions of elected officials to provide the special pensions granted to them. The Water Supply Board's contributions to the ERS for the years ended June 30, 2017, 2016 and 2015 were \$3,636,754, \$3,615,102 and \$3,212,354, respectively.

Investment Policy

The City policy for pension investments is under the oversight of the Board of Investment Commissioners (the Board). The Board contracts with an investment advisory firm and approves any new investment vehicles presented by the consultant. The Board follows all applicable state statutes and Section 17-189 of the City Ordinance, which states, "The Board of Investment Commissioners is authorized and empowered to execute the disposition and investment of the funds which are within its control in any securities and investments as would be acquired by prudent persons of discretion and intelligence in these matters, who are seeking a reasonable income and the preservation of their capital."

Net Pension Liability

The net pension liability was measured as of June 30, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

The components of the net pension liability of the Retirement System for the Water Supply Board were as follows:

	_	June 30, 2017	 June 30, 2016
Total pension liability Plan fiduciary net position	\$_	67,816,389 17,513,845	\$ 67,406,877 17,040,995
Net Pension Liability	\$ _	50,302,544	\$ 50,365,882
Plan fiduciary net position as a percentage of the total pension liability		25.83%	25.28%

Changes in the Net Pension Liability for the Water Supply Board

	Increase (Decrease)						
		Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (a)-(b)			
Balances as of June 30, 2016	\$	67,406,877_\$	17,040,995 \$	50,365,882			
Changes for the year: Service cost Interest on total pension liability Differences between expected and actual experience Change from inputs in proportionate share Employer contributions Member contributions Net investment income Benefit payments, including refund to employee contributions		1,017,119 5,172,289 579,761 (1,181,115)	(298,595) 3,636,754 573,624 1,752,168 (5,178,542)	1,017,119 5,172,289 579,761 (882,520) (3,636,754) (573,624) (1,752,168)			
Administrative expenses			(12,559)	12,559			
Net Changes		409,512	472,850	(63,338)			
Balances as of June 30, 2017	\$	67,816,389	17,513,845 \$	50,302,544			
		Inc	rease (Decrease	.1			
		Total Pension	Plan Fiduciary				
		Liability	Net Position	Liability			
		(a)	(b)	(a)-(b)			
Balances as of June 30, 2015	\$	60,131,939_\$	16,863,406 \$	43,268,533			
Changes for the year: Service cost Interest on total pension liability Differences between expected and actual experience Change from inputs in proportionate share Effect of assumptions changes or inputs Employer contributions Member contributions Net investment income Benefit payments, including refund to employee contributions Administrative expenses Net Changes		941,053 5,130,041 (223,279) 3,875,236 3,083,805 (5,531,918) 7,274,938	1,086,733 3,615,102 615,760 401,320 (5,531,918) (9,408) 177,589	941,053 5,130,041 (223,279) 2,788,503 3,083,805 (3,615,102) (615,760) (401,320) - 9,408 7,097,349			
Balances as of June 30, 2016	\$	67,406,877	17,040,995	50,365,882			

Additional information as of the latest actuarial valuation follows:

Valuation Date	July 1, 2016
Actuarial cost method	Individual entry age method
Amortization cost method	Approximate level percent of payroll-open
Remaining amortization period	25 years
Asset valuation method	5-year smoothed market value
Actuarial assumptions: Investment rate of return	8.0%
Inflation rate	3.5%
Projected salary increases	3.5% per year before reflecting increases due
	to longevity compensation
Cost of living adjustments	No COLA for next 7 years, 3% thereafter

Mortality rates were based on the RP-2014 Healthy Annuitant Mortality Table for Males or Females, as appropriate, with no assumed pre-retirement mortality or turnover.

Mortality rates for healthy retirees were based on RP-2014 Employee and Healthy Annuitant Mortality Tables with MP-2014 improvement projections backed out to a base year of 2006 and projected generationally with Scale BB2D, set forward 1-year post-retirement for Class A employees and the RP-2014 Blue Collar Employee and Healthy Annuitant Mortality Tables with MP-2014 improvement projections based out to a base year of 2006 and projected generationally with Scale BB2D, set forward 1-year post-retirement for Class B employees. Disabled retiree mortality rates were based on RP-2014 Blue Collar Healthy Annuitant Mortality Table with MP-2014 improvement projections backed out to a base year of 2006 and projected generationally with Scale BB2D, set forward 3 years.

Discount Rate

The discount rate used to measure the total pension liability at June 30, 2017 was 8.00%. The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rate and that the City of Providence's contributions will be made at the actuarially determined contribution rates. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

Sensitivity of the Net Pension Liability to Changes in the Discount Rate.

The following presents the net pension liability of the Retirement System, calculated using the discount rate of 8.00%, as well as what the System's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (7.00%) or 1-percentage-point higher (9.00%) than the current rate at June 30, 2017:

	_	1% Decrease (7.00%)		Discount (8.00%)		1% Increase (9.00%)	
Net pension liability	\$	57,842,478	\$	50,302,544	\$	43,990,393	

The following presents the net pension liability of the Retirement System, calculated using the discount rate of 8.00%, as well as what the System's net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (7.00%) or 1-percentage-point higher (9.00%) than the current rate at June 30, 2016:

	 1% Decrease (7.00%)		Discount (8.00%)		1% Increase (9.00%)	
Net pension liability	\$ 57,962,738	\$	50,365,882	\$	44,011,621	

Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

For the years ended June 30, 2017 and 2016, the Water Supply Board recognized pension expense of \$5,294,710 and \$5,698,801, respectively.

At June 30, 2017, the Water Supply Board reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	_	Deferred Outflows of Resources	 Deferred Inflows of Resources
Differences between expected and actual experience Changes of assumptions	\$	496,962 1,834,758	\$ 131,620
Changes in proportion and differences between employer contributions and proportionate share of contributions		1,868,314	654,965
Net difference between projected and actual earning on pension plan investments	-	539,157	
	\$_	4,739,191	\$ 786,585

At June 30, 2016, the Water Supply Board reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	_	Deferred Outflows of Resources		Deferred Inflows of Resources
Differences between expected and actual experience Changes of assumptions Changes in proportion and differences between employer contributions and proportionate share of	\$	50,616 2,492,840	\$	178,623
contributions Net difference between projected and actual earning on pension plan investments		2,528,207 1,277,011		
on pencion plan invocamente	\$	6,348,674	\$_	178,623

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

Year Ending June 30:

2018 2019 2020 2021	\$ 	1,462,683 1,462,681 1,165,433 (138,191)
	\$ _	3,952,606

Payable to the Plan

At June 30, 2017, the Water Supply Board had made full payment of the required pension contribution for the year ended June 30, 2017.

10. POST EMPLOYMENT BENEFITS

Plan Description

The Water Supply Board's Post-Employment Medical Benefit Plan is a single-employer defined benefit postretirement health insurance program administered by the City. The City provides for a portion of the lifetime health care benefits to substantially all retired employees and their spouses. Health care benefits are provided through the City's self-insured health insurance program covering both active and retired employees. The Plan does not issue a separate financial report. These benefits are provided for and amended under various provisions of Rhode Island General Law, City Ordinances and the terms of collective bargaining agreements.

OPEB Funding Policy

The contribution requirements of plan members and the City are established and may be amended through provisions of Rhode Island General Law, City Ordinances and through collective bargaining. The required contribution is based on pay as you go financing requirements. The Plan can cover 100% of the costs of the benefit; however, retirees and their spouses are potentially required to fund a portion of the Plan costs depending upon the class an employee has been assigned and their date of hire. Current employee co-share for the retiree health insurance benefit requires a co-share of .01 of final average salary with a maximum limit of \$400.

The following is a current census of the Water Supply Board participants as of July 1, 2016:

Active members	208
Retirees	125
Total	333

Annual OPEB Cost and Net OPEB Obligation

The Water Supply Board's annual OPEB cost is calculated based on the annual required contribution (ARC), an amount actuarially determined in accordance with the parameters of GASB Statement No. 45. Actuarial valuations involve estimates of the value of reported amounts and assumptions about the probability of occurrence of future events. Assumptions include future employment, mortality, and healthcare and other benefit 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 accrual results are compared with past expectations and new estimates are made about the future.

The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years. The following table shows the components of the Water Supply Board's annual OPEB cost for the year, the amount actually contributed to the plan and changes in the Water Supply Board's net OPEB obligation:

Annual required contribution \$	1,326,000
Interest on net OPEB obligation	314,000
Adjustment to annual required contribution	(286,000)
Annual OPEB cost	1,354,000
Contributions made	581,000
Increase in net OPEB obligation	773,000
Net OPEB obligation - beginning of year	7,858,000
Net OPEB Obligation - End of Year \$_	8,631,000

The Water Supply Board's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan, and the net OPEB obligation for June 30, 2015, 2016 and 2017 were is presented below:

Year Ended June 30,	 Annual Required Contribution	Actual Contribution	Percentage Contributed	Net OPEB Obligation
2017 2016 2015	\$ 1,326,000 1,841,000 1,774,000	\$ 581,000 678,000 507,000	43.8% 36.8% 28.6%	\$ 8,631,000 7,858,000 6,671,000

Projections of the benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and the plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between employer and plan members to that point. 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.

In the June 30, 2016 actuarial valuation, the projected unit credit method was used. The actuarial assumptions included a 4.0% rate of return (net of administrative expenses), which is a blended rate of the expected long-term investment returns on plan assets and on the employer's own investments calculated based on the funded level of the plan at the valuation date, and an annual healthcare cost trend rate of 7.5% initially, reduced by decrements of .5% to an ultimate rate of 4.5% after six years. Both rates included a 3.5% inflation assumption. The actuarial value of the assets was determined using techniques that spread the effects of short-term volatility in the market value of investments over a five-year period. The UAAL is being amortized as a level percentage of projected payrolls on an open basis. The remaining amortization period at June 30, 2016, was 30 years.

The Water Supply Board's share of annual funding progress is presented below:

Share of Amortization Component: Actuarial Accrued Liability as of July 1, 2016 Assets at Market Value	\$_	17,887,885		
Unfunded Actuarial Accrued Liability (UAAL)	\$_	17,887,885		
Funded Ratio	_	0.00%		
Covered Payroll	\$_	12,504,937		
UAAL as a Percentage of Covered Payroll	=	143.05%		

The historical schedules of employer contributions and funding progress for the Program are included in the City of Providence, Rhode Island's basic financial statements.

11. MERGER

On January 13, 2017, the Providence Water Supply Board and the East Smithfield Water District combined in a government merger. Subsequent to the merger, the East Smithfield Water District ceased to exist, and their operations have been absorbed into, and provided by, the Providence Water Supply Board. The initial opening balances of East Smithfield Water District's assets, deferred outflows of resources, liabilities, deferred inflows of resources and net position, as of the beginning of the period, were determined on the basis of the carrying values reported in the separate financial statements of East Smithfield Water District as of June 30, 2016, as follows:

Assets:			Liabilities:		
Current assets:			Current liabilities:		
Cash and cash equivalents	\$	177,367	Accounts payable and accrued liabilities		142,875
Restricted cash and cash equivalents		2,789	Current portion of long-term notes payable		51,839
Receivables, net		354,951	Total current liabilities		194,714
Inventories		47,678			
Total current assets		582,785	Noncurrent liabilities:		
			Notes payable, net		815,623
Capital assets:				_	
Sewer and infrastructure		4,168,626	Total liabilities		1,010,337
Equipment		188,813		_	
Construction in progress		11,532	Deferred Inflows of Resources:		
, -	_	4,368,971	Changes in pension plan assumptions		9,496
Less accumulated depreciation		833,715		_	_
Total noncurrent assets	_	3,535,256	Net Position:		
	_		Net investment in capital assets		2,667,794
Other assets:			Restricted for net pension asset		113,716
Net pension asset		113,716	Restricted for qualified assistance fund		2,789
·	_		Unrestricted		442,681
Total assets		4,231,757		_	
	_		Total Net Position	\$	3,226,980
Deferred Outflows of Resources:				=	
Differences between expected and actual experience		11,011			
Net difference between projected and actual earnings on					
pension plan investments		699			
Contributions made subsequent to the measurement date		3,346			
Total deferred outflows of resources	_	15,056			
	_				

12. SUPPLEMENTAL DISCLOSURES TO STATEMENTS OF CASH FLOWS

There was no cash paid in exchange for the assets and liabilities of the East Smithfield Water District acquired by the Water Supply Board during the fiscal year ended June 30, 2017 (See Note 11).

PROVIDENCE WATER SUPPLY BOARD SCHEDULE OF CHANGES IN NET PENSION LIABILITY AND RELATED RATIOS LAST FOUR FISCAL YEARS*

		2017	_	2016		2015	2014
Total pension liability:							
Service cost	\$	1,017,119	\$	941,053	\$	854,182 \$	893,162
Interest		5,172,289		5,130,041		5,509,989	4,946,549
Differences between expected and actual experience		579,761		(223,279)		79,253	
Change from difference in proportionate share		(1,181,115)		3,875,236			
Changes of assumptions				3,083,805		40,391	
Benefit payments, including refunds of member contributions		(5,178,542)	_	(5,531,918)		(4,663,093)	(4,973,233)
Net change in total pension liability		409,512		7,274,938		1,820,722	866,478
Total pension liability - beginning		67,406,877	_	60,131,939		58,311,217	57,444,739
Total pension liability - ending	_	67,816,389	_	67,406,877	_	60,131,939	58,311,217
Plan fiduciary net position:							
Contributions - employer		3,636,754		3,615,102		3,212,354	2,945,209
Contributions - member		573,624		615,760		1,037,505	911,508
Net investment income		1,752,168		401,320		331,724	1,210,438
Change from difference in proportionate share		(298,595)		1,086,733			
Benefit payments, including refunds of member contributions		(5,178,542)		(5,531,918)		(4,663,093)	(4,973,233)
Administrative expense		(12,559)		(9,408)		(9,367)	(71,955)
Net change in plan fiduciary net position		472,850		177,589		(90,877)	21,967
Plan fiduciary net position - beginning		17,040,995		16,863,406		16,954,283	16,932,316
Plan fiduciary net position - ending	_	17,513,845	_	17,040,995		16,863,406	16,954,283
Net Pension Liability - Ending	\$_	50,302,544	\$_	50,365,882	\$_	43,268,533 \$	41,356,934
Plan fiduciary net position as a percentage of the total pension liability		25.83%		25.28%		28.04%	29.08%
Covered-employee payroll	\$	12,980,186	\$	13,096,208	\$	11,900,000 \$	11,900,000
Net pension liability as a percentage of covered-employee payroll		387.53%		384.58%		363.60%	347.54%

*Notes:

- 1. The amounts presented for each fiscal year were determined as of a June 30 measurement date prior to the fiscal year end.
- 2. This schedule is intended to show information for 10 years additional years will be displayed as they become available.

PROVIDENCE WATER SUPPLY BOARD SCHEDULE OF EMPLOYER CONTRIBUTIONS LAST FOUR FISCAL YEARS*

		2017	2016	2015	2014
Actuarially determined contribution Contributions in relation to the actuarially	\$	3,636,754 \$	3,615,102 \$	3,212,354 \$	2,945,209
determined contribution	_	3,636,754	3,615,102	3,212,354	2,945,209
Contribution Deficiency (Excess)	\$_	\$_	\$	\$	<u>-</u>
Covered-employee payroll	\$	12,980,186 \$	13,096,208 \$	12,930,447 \$	11,900,000
Contributions as a percentage of covered-employee payroll		28.02%	27.60%	24.84%	24.75%

Notes to Schedule

Valuation date: July 1, 2016 Measurement date: June 30, 2017

Actuarially determined contribution rates are calculated as of July 1, two years prior to the end of the fiscal year in which contributions are reported

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry Age Normal Cost Method

Amortization method Level dollar for the 1995 deferral liability and increasing 3.5% per year for the remaining unfunded liability. Remaining amortization period 26 years remaining as of July 1, 2014 (17 years remaining as of July 1, 2014 for the 1995 deferral).

Asset valuation method

Market value of assets as reported by the City less unrecognized returns in each of the last five years. Unrecognized return is equal to the difference between

the actual market return and the expected market return and is recognized over a five-year period, further adjusted, if necessary, to be within 20% of the

market value.

Inflation 3.50%

Salary increases 3.50% per year before reflecting increases due to longevity compensation

Investment rate of return 8.25%, net of pension plan investment and administrative expenses, including inflation.

Cost of living adjustments 10-year freeze as of January 1, 2013 and 3% thereafter.

Benefit changes There have been no changes in benefit provisions since GASB 67/68 implementation.

Assumption changes The following changes were effective July 1, 2015:

The investment return assumption was lowered from 8.25% to 8.00%.

The mortality assumption for Class A nondisabled participants was changed from the RP-2000 Combined Healthy Mortality Table projected 21 years with Scale AA to the RP-2014 Employee and Healthy Annuitant Mortality Tables with MP-2014 improvement projections backed out to a base year of 2006 and projected generationally with Scale BB2D, set forward one year post-retirement.

The mortality assumption for Class B nondisabled participants was changed from the RP-2000 Combined Healthy Blue Collar Mortality Table projected 21 years with Scale AA to the REP-2014 Blue Collar Employee and Healthy Annuitant Mortality Tables with MP-2014 improvement projections backed out to a base year of 2006 and projected generationally with Scale BB2D, set forward one year post-retirement.

The mortality assumptions for disabled participants was changed from the RP-2000 Combined Healthy Mortality Table set forward three years to the RP 2014 Blue Collar Healthy Annuitant Mortality Table with MP-2014 improvement projections backed out to a base year of 2006 and projected generationally with Scale BB2D, set forward three years.

^{*}Note - This schedule is intended to show information for ten years - additional years will be displayed as they become available.

PROVIDENCE WATER SUPPLY BOARD SCHEDULE OF INVESTMENT RETURNS LAST FOUR FISCAL YEARS*

	2017	2016	2015	2014
Annual money-weighted rate of return, net of investment expense	12.20%	2.60%	5.56%	14.04%

*Notes:

- 1. The amounts presented for each fiscal year were determined as of a June 30 measurement date prior to the fiscal year end.
- 2. This schedule is intended to show information for 10 years additional years will be displayed as they become available.



Independent Auditors' Report 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*

To the Board of Directors
Providence Water Supply Board

We have audited, in accordance with the auditing standards generally accepted in the United States of America 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 the Providence Water Supply Board (the Water Supply Board), as of and for the year ended June 30, 2017, and the related notes to the financial statements, which collectively comprise the Water Supply Board's basic financial statements, and have issued our report thereon dated December 29, 2017.

Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Water Supply Board'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 opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Water Supply Board's internal control. Accordingly, we do not express an opinion on the effectiveness of the Water Supply Board'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 a 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.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Water Supply Board's financial statements are free from 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 effectiveness of the Water Supply Board'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 Water Supply Board's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Cranston, Rhode Island December 29, 2017

Blum, Shapino + Company, P.C.