THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM

FINANCIAL STATEMENTS AND OTHER INFORMATION

December 31, 2016

With Independent Auditor's Report

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM Birmingham, Alabama

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INDEPENDENT AUDITOR'S REPORT

To the Board of Directors of
The Water Works Board of the City of Birmingham
Birmingham, Alabama

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities of The Water Works Board of the City of Birmingham ("the Board") as of and for the years ended December 31, 2016 and 2015, and the related notes to the financial statements, which collectively comprise the Board's basic 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We did not audit the financial statements of the Retirement Plan for Employees of the Water Works Board of the City of Birmingham and the Other Post Employment Benefit Plan of the Water Works Board of the City of Birmingham ("the Plans"), discretely presented component units of the Board. Those financial statements were audited by other auditors whose reports have been furnished to us, and our opinion, insofar as it relates to the amounts included for the Plans, is based solely on the report of the other auditors. We conducted our audit 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 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.



To the Board of Directors of The Water Works Board of the City of Birmingham Birmingham, Alabama Page 2

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, based on our audit and the report of other auditors, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the aggregate discretely presented component units of the Board, as of December 31, 2016 and 2015 and the respective changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Change in Accounting Principle

As described in Note 1 to the financial statements, in the year ended December 31, 2016, the Board adopted a new accounting standard, GASB Statement No. 72, Fair Value Measurement and Application. 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, the schedules of changes in net pension liability and employer contributions, and the schedules of OPEB funding progress, net OPEB obligation, and employer contributions on pages 4 thru 8 and 55 thru 57 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, and other auditors, 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.



To the Board of Directors of
The Water Works Board of the City of Birmingham
Birmingham, Alabama
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Other Information

Our audits were conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Board's basic financial statements. The additional information section is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The schedules of long-term debt, changes in utility plant assets, and amounts on deposit with trustee by fund and the statements of operating expenses and nonoperating revenues (expenses) are the responsibility of management and were derived from and relate 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 of America. In our opinion, the schedules of long-term debt, changes in utility plant assets, and amounts on deposit with trustee by fund and the statements of operating expenses and nonoperating revenues (expenses) are fairly stated in all material respects in relation to the basic financial statements as a whole.

The schedule of major industrial/governmental customers and schedule of insurance policies have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued our report dated June 30, 2017, on our consideration of the 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 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 Board's internal control over financial reporting and compliance.

June 30, 2017

Banks, Findy, Whits & Co.



This section of The Water Works Board of the City of Birmingham's ("the Board") financial statements presents management's analysis of the Board's financial performance during the fiscal year that ended December 31, 2016. Please read it in conjunction with the financial statements, which follow this section:

Financial Highlights for 2016

- Total operating revenues increased 4.87% primarily due to increased residential customer water sales.
- Total operating expenses decreased 3.36% primarily due to pension expense and bond issuance cost.
- Nonoperating expenses increased 1.40% primarily due to depreciation and interest expense.

Overview of the Financial Statements

The Financial Statements consist of four parts: Management's Discussion and Analysis, the Basic Financial Statements, Required Supplementary Information and Additional Information. The Basic Financial Statements also include notes and required supplementary information that explain in more detail some of the information in the Financial Statements.

Required Basic Financial Statements

The Board utilizes two different funds to account for its activities: an enterprise fund, which reports information about the general operations of the Board, and fiduciary funds, which report information about the Pension Trust Fund and the OPEB Trust Fund. For information regarding the fiduciary funds of the Board, see the Statements of Pension Net Position Pension Trust Fund and the Statement of Plan Net Position OPEB Trust Fund in the financial statements. The Pension Trust Fund and the OPEB Trust Fund issue separate annual audited financial statements which may be obtained by writing to the Board at 3600 First Avenue North, P.O. Box 830110, Birmingham, AL 35283.

The Enterprise Fund Financial Statements of the Board report information about the Board using accounting methods similar to those used by private sector companies. These statements offer information about the Board's activities. The Statements of Net Position include all of the Board's assets and liabilities and provide information about the nature and amounts of investments in resources (assets) and the obligations to Board creditors (liabilities). The assets and liabilities are presented in a classified format, which distinguishes between current and long-term assets and liabilities. It also provides the basis for computing rate of return, evaluating the capital structure of the Board and assessing the liquidity and financial flexibility of the Board.

All of the Board's revenues and expenses are accounted for in the Statements of Revenues, Expenses and Changes in Fund Net Position. This statement measures the operating activities of the Board and can be used to determine whether the Board has successfully recovered all of its costs through its water rates and other charges, as well as its profitability and creditworthiness.

The final required financial statement is the Statements of Cash Flows. The primary purpose of this statement is to provide information about the Board's cash receipts and cash payments during the reporting period. The statement reports cash receipts, cash payments and net changes in cash resulting from operating, investing, noncapital financing and capital and related financing activities and provides information regarding the sources and uses of cash that caused the change in the cash balance during the reporting period.

Financial Analysis

A summary of the Board's Enterprise Fund Statements of Net Position is presented in Table A1.

Table A-1

Condensed Statements of Net Position

	2016	2015	2014 As Restated	2016-2015 Change	2015-2014 Change
Current and other assets	\$ 57,576,884	\$ 45,235,297	\$ 41,325,554	\$ 12,341,587	\$ 3,909,743
Trusteed funds	206,947,143	255,025,518	205,350,339	(48,078,375)	49,675,179
Utility plant, net	855,069,811	827,705,999	790,546,032	27,363,812	37,159,967
Total assets	\$ 1,119,593,838	\$ 1,127.966,814	\$ 1,037,221,925	\$ (8,372,976)	\$ 90,744,889
Total deferred outflow					
of resources	\$ 67,053,170	\$ 35,642,359	\$ 33,234,643	\$ 31,410,811	\$ 2,407,716
Current and other					
liabilities	\$ 54,266,705	\$ 60,212,085	\$ 57,107,367	\$ (5,945,380)	\$ 3,104,718
Long-term liabilities	1,087,217,642	1,074,951,831	994,745,445	12,265,811	80,206,386
Total liabilities	\$ 1,141,484,347	\$ 1,135,163,916	\$ 1,051,852.812	\$ 6,320,431	\$ 83,311,104
Total deferred inflow					
of resources	\$ 579,663	\$ 20,237	\$ 23,124	\$ 559,426	\$ (2,887)
Net investment in					
capital assets	\$ 8,943,790	\$ (107,177,851)	\$ (138,334,225)	\$ 116,121,641	\$ 31,156,374
Restricted	164,695,404	185,720,899	178,422,582	(21,025,495)	7,298,317
Unrestricted	(129,056,196)	(50,118,028)	(21,507,726)	(78,938,168)	(28,610,302)
Total net position	\$ 44,582,998	\$ 28,425,020	\$ 18,580,631	\$ 16,157,978	\$ 9,844,389

As shown in Table A-1, net position increased \$16.2 million from fiscal 2015. Factors contributing to this change include a increase in current assets along with a decrease in trusteed funds of \$48.1 million. Net utility plant increased \$27.4 million from continued capital construction programs. Total assets decreased \$8.4 million. Total current and other liabilities decreased \$5.9 million, primarily due to interest accrued on long-term obligations and customer guarantee deposits. Long-term liabilities increased by \$12.2 million in 2016, primarily due to the issuance of \$469,500,000 in revenue bonds during the year and the retirement of \$548,465,000 in bonds.

A summary of the Board's Enterprise Fund Statements of Revenues, Expenses and Changes in Fund Net Position is presented in Table A-2.

Table A-2 Condensed Statements of Revenues, Expenses and Changes in Fund Net Position

	2016	2015	2014 As Restated	2016-2015 Change	2015-2014 Change
Water revenue	\$ 169,889,368	\$ 161,495,107	\$ 159,693,588	\$ 8,394,261	\$ 1,801,519
Other operating revenue	3,088,765	3,445,700	3,074,620	(356.935)	371,080
Total operating revenue	172,978,133	164,940,807	162,768,208	8,037,326	2,172,599
Other income, primarily	C Ava Sad	5451000	550755	7550500	- VX 5285
interest	3,310,792	2,256,772	2,297,608	1,054.020	(40,836)
Total revenues	176,288,925	167,197,579	165,065,816	9,091,346	2,131,763
Water and sewer service	Se Transa	19795		100000000000000000000000000000000000000	
expenses	91,300,101	94,789,796	83,690,343	(3,489,695)	11,099,453
License fees paid to					
municipalities	4.216,322	4,045,786	3,987,303	170,536	58,483
Total operating expenses	95,516,423	98.835,582	87,677.646	(3,319,159)	11,157.936
Depreciation	23,026,421	24,370,094	21,089,739	(1,343,673)	3,280,355
Other expenses, primarily					
interest on debt	47,248,944	46,995,923	43.942.148	253,021	3,053,775
Total expenses	165,791,788	170,201,599	152,709,533	(4.409,811)	17,492,066
Gain (loss) before					
contributions	10,497,137	(3,004,020)	12,356,283	13,501,157	(15,360,303)
Capital contributions	5,660,841	12,848,409	4,581,969	(7,187,568)	8,266,440
Change in net position	16,157,978	9,844,389	16,938,252	6,313,589	(7,093,863)
Net position at beginning					
of the year	28,425,020	18,580,631	1,642,379	9,844,389	16,938,252
Net position at end of					
the year	\$ 44,582,998	\$ 28,425,020	\$ 18,580.631	\$ 16,157,978	\$ 9,844,389

With total operating and nonoperating revenues, including capital contributions amounting to \$181.9 million and expenses of \$165.8 million, the Board's net position increased \$16.2 million in 2016 to \$44.6 million.

Financial Operations Summary

Utility Plant

The Board's utility plant increased by \$49.7 million during 2016. Major expenditures were made to implement a new customer billing system as well as to maintain and replace aging infrastructure. Total assets before depreciation stood at \$1,232.1 million and \$1,182.4 million for December 31, 2016 and 2015, respectively. Changes in utility plant (before accumulated depreciation) are displayed in the table below. At December 31, 2016, commitments for capital expenditures totaled approximately \$10.4 million.

Changes in Utility Plant Year-to-Year Comparison

Utility Plant		2016		2015	-	2014 As Restated		016-2015 Change		2015-2014 Change
Land and land rights	S	37,313,941	S	37,280,060	S	37,280,023	\$	33,881	S	37
Construction-in-progress		39,706,675		41,447,875		72,400,705		(1,741,200)		(30,952,830)
Structures and improvements		200,204,381		197,539,172		177,770,821		2,665,209		19,768,351
Pumping equipment		38,440,347		33,913,974		30,204,140		4,526,373		3,709,834
Transmission and distribution mains		451,372,646		424,991,439		401,399,919	2	26,381,207		23,591,520
Equipment and other utility plant	_	465,067,864	_	447,249,185	_	406,522,812	1	7.818,679	_	40,726,373
	S	1,232,105,854	\$	1,182,421,705	S	1,125,578,420	5 4	9.684.149	\$	56.843,285

Debt Administration

A summary of changes in debt obligations from 2016 to 2015, is presented as follows:

Changes in Debt Year-to-Year Comparison

Utility Plant	2016	2015	2014 As Restated	2016-2015 Change	2015-2014 Change
Long-term debt Current maturities of long-term debt	\$ 1,027,223,442 17,215,000	\$ 1,020,857,792 19,335,000	\$ 950,621,007 17,845,000	\$ 6,365,650 (2,120,000)	\$ 70,236,785 \$ 1,490,000
Total debt obligations	\$ 1,044,438,442	\$ 1,040,192,792	\$ 968,466,007	\$ 4,245,650	\$ 71,726,785

Standard and Poor's and Moody's Investor Services, both of which are widely recognized bond rating agencies, rated the Board's Water Revenue Bonds, Series 2016-A at AA and Aa2 respectively and rated the Board's Water Revenue Bonds Series 2016-B, and 2016-C at AA- and Aa3, respectively.

Debt service coverage on parity debt is required by the Board's bond indenture covenant to be maintained at a minimum of 1.25 times Revenue Available for Debt Service as defined in the bond indenture. Debt service coverage on parity debt was 1.87 in 2016.

Investment Portfolio

Trusteed fund balances at December 31, 2016 decreased by \$48.1 million from the end of 2015. This was mainly a result of the following: 1) a reduction in the amount needed in debt service funding for the Board's parity debt service reserve; 2) elimination of a reserve fund requirement for the Board's subordinate debt; and 3) the use of construction fund cash to fund capital projects.

Economic Factors

The Board continues working to strengthen the infrastructure and financial position of the water system to provide reliable, high quality water and services to its customers. Capital improvements driven by regulatory mandates continue to increase. In this environment, operating efficiencies are constantly sought to keep water rates as affordable as possible.

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF NET POSITION ENTERPRISE FUND December 31, 2016 and 2015

	2016	2015
ASSETS		
Current assets:	\$ 14 Events	
Cash and cash equivalents	\$ 19,770,749	\$ 6,853,473
Customer accounts receivable, net of allowance		
for doubtful accounts of \$1,089,101 and	12/102-010	4.500.550
\$1,171,629 in 2016 and 2015, respectively	9,610,455	7,632,167
Unbilled water revenue	11,159,113	7,255,769
Other receivables	5,674,599	9,985,485
Materials and supplies	5,226,527	6,895,575
Prepaid expenses	1,747,198	2,181,429
Total current assets	53,188,641	40,803,898
Noncurrent assets:		
Net OPEB asset	4,388,243	4,431,399
Trusteed fund assets:		
Cash and cash equivalents	68,602,772	78,305,892
Investments	137,534,466	175,798,732
Interest accrued on securities	809,905	920,894
Total trusteed fund assets	206,947,143	255,025,518
Utility plant:		
Utility plant in service	1,192,399,179	1,140,973,831
Construction-in-progress	39,706,675	41,447,875
and the state of t	1,232,105,854	1,182,421,706
Less accumulated depreciation	(377,036,043)	(354,715,707)
Net utility plant	855,069,811	827,705,999
Total noncurrent assets	1,066,405,197	1,087,162,916
Total assets	1,119,593,838	1.127,966.814
DEFERRED OUTFLOWS OF RESOURCES		
Deferred loss on refundings of debt	54,636,159	25,309,962
Deferred outflow related to pension	12,417,011	10,332,397
Total deferred outflows of resources	67,053,170	35,642,359
Total assets and deferred outflows of resources	\$1,186,647,008	\$1.163,609,173

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF NET POSITION (CONT'D) ENTERPRISE FUND

December 31, 2016 and 2015

	2016	2015
LIABILITIES		
Current liabilities:		
Accounts payable, including contract retentions	\$ 14,563,497	\$ 11,086,648
General taxes payable	960,082	879,418
Accrued expenses	5,864,210	5,727,588
Current maturities of long-term obligations	17,215,000	19,335,000
	38,602,789	37,028,654
Current liabilities payable from restricted assets:		
Interest accrued on long-term obligations	15,663,916	23,183,431
Total current liabilities	54,266,705	60,212,085
Noncurrent liabilities:		
Long-term obligations, net of current maturities	1,027,223,442	1,020,857,792
Customer guarantee deposits	11,334,497	9,945,349
Customer advances for construction	817,693	523,667
Net pension liability	47,842,010	43,625,023
Total noncurrent liabilities	1.087,217,642	1.074,951,831
Total liabilities	1,141,484,347	_1,135,163,916
DEFERRED INFLOWS OF RESOURCES		
Deferred inflow of resources related to pension	579.663	20,237
NET POSITION		
Invested in capital assets, net of related debt	8,943,790	(107,177,851)
Restricted for debt service	164,695,404	185,720,899
Unrestricted	(129,056,196)	(50,118,028)
Total net position	44,582,998	28,425,020
Total liabilities, deferred inflows of resources and		
net position	\$1,186,647,008	\$1,163,609,173

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN FUND NET POSITION ENTERPRISE FUND

	2016	2015
OPERATING REVENUES		
Sale of water:		
Residential	\$ 89,228,959	\$ 80,494,895
Commercial	64,810,847	62,043,582
Industrial	1,408,355	2,612,631
Other water utilities	3,833,408	3,690,832
Municipal	2,264,821	1,332,034
Public and private fire protection	4,110,979	4,164,476
Raw water	4,231,999	7,156,657
Total sale of water	169,889,368	161,495,107
Rent from utility properties	359,843	381,651
Other operating revenue	2,728,922	3,064,049
Total operating revenues	172,978,133	164,940,807
OPERATING EXPENSES		
Source of supply	2,168,874	2,125,024
Power and pumping	11,555,755	12,000,639
Purification	12,471,801	11,151,607
Transmission and distribution	22,239,627	18,236,884
Customer accounting and collection	6,417,631	7,166,586
Administrative and general	36,446,413	44,109,056
License fees paid to the City of Birmingham	1,961,511	1,876,715
License fees paid to other municipalities	2,254,811	2,169,071
Total operating expenses, excluding depreciation	95,516,423	98,835,582
Depreciation	23,026,421	24,370,094
. N.A. Carlo	118,542,844	123,205,676
Operating income	54,435,289	41,735,131
Nonoperating revenues (expenses):		
Other income, primarily interest	3,310,792	2,256,772
Interest expense	(47,248,944)	(46,995,923)
Total nonoperating expenses	(43,938,152)	(44,739,151)
Gain before contributions	10,497,137	(3,004,020)
Capital contributions	5,660,841	12,848,409
Change in net position	16,157,978	9,844,389
Net position at beginning of the year	28,425,020	18,580,631
Net position at end of the year	\$ 44,582,998	\$ 28,425,020

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF CASH FLOWS ENTERPRISE FUND

	2016	2015
CASH FLOWS FROM OPERATING		
ACTIVITIES		
Cash received from potable water customers	\$ 159,526,002	\$ 156,160,319
Cash received from raw water customers	4,481,732	7,476,341
Cash received from rent of utility properties	359,843	381,651
Cash received from other operating revenues	7,941,574	989,649
Cash received for agency agreements	170,610,692	166,341,855
Cash payments for agency agreements	(169,902,280)	(166,803,012)
Payments to suppliers	(53,071,160)	(56,587,211)
Payments to employees	(32,130,814)	(29,437,153)
Net cash provided by operating activities	87,815,589	78,522,439
CASH FLOWS FROM CAPITAL AND		
RELATED FINANCING ACTIVITIES		
Purchases of capital assets	(49,684,148)	(63,248,505)
Proceeds from asset disposition	(993,513)	477,086
Contributed capital for construction	5,660,841	12,848,409
Customer advances for construction	294,026	(2,193,869)
Proceeds from bond offering	521,859,262	195,786,785
Payment on long-term debt	(548,465,000)	(124,060,000)
Interest paid on debt	(54,764,777)	(46,992,601)
Net cash provided (used) in capital and related		
financing activities	(126,093,309)	(27,382,695)
CASH FLOWS FROM INVESTING		
ACTIVITIES		
Purchases of investment securities	(552,585,373)	(412,808,952)
Proceeds from sale and maturities of	4	4.7.4.5.5.6.4
investment securities	600,556,056	362,756,211
Interest on investments	3,224,312	2,531,945
Net cash (used) provided by investing activities	51,194,995	(47,520,796)
Net (decrease) increase in cash and cash equivalents	12,917,275	3,618,948
Cash and cash equivalents at beginning of the year	6,853,474	3,234,526
Cash and cash equivalents at end of the year	\$ 19,770,749	\$ 6,853,474

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF CASH FLOWS (CONT'D) ENTERPRISE FUND

		2016	2015
RECONCILIATION OF OPERATING			
INCOME TO NET CASH PROVIDED			
BY OPERATING ACTIVITIES			
Operating income	\$	54,435,288	\$ 41,735,131
Adjustments to reconcile operating income to net			
cash provided by operating activities:			
Depreciation		23,026,422	24,370,094
Provision for (reduction in) bad debts		(82,528)	(125,208)
Miscellaneous nonoperating expenses		477,920	148,506
Changes in operating assets and liabilities:			
Customer accounts receivable		(1,895,760)	1,029,696
Unbilled water revenue		(3,903,344)	1,237,063
Other receivables		4,310,886	(3,145,110)
Materials and supplies		1,669,048	705,028
Prepaid expenses		434,231	(51,079)
Net pension liability		4,216,987	11,702,422
Net OPEB asset		43,156	58,814
Accounts payable, including contract		0.727.25	
retentions		3,476,848	757,771
General taxes payable		80,665	1,715
Accrued expenses		136,622	(363,452)
Customer guarantee deposits	_	1,389,148	 461,048
Net cash provided by operating activities	\$	87,815,589	\$ 78,522,439

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF PENSION NET POSITION - PENSION TRUST FUND December 31, 2016 and 2015

	2016	2015
Assets:		
Cash and cash equivalents	\$ 6,118,420	\$ 10,482,736
Investments, at market	123,228,141	116,523,927
Accrued interest and dividends	204,245	295,402
Total assets	\$129,550,806	\$127,302,065
Liabilities and net position:		
Net position held in trust for pension benefits	\$129,550,806	\$127,302,065

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF CHANGES IN PENSION NET POSITION PENSION TRUST FUND

	2016	2015
Net position held in trust for pension benefits,		
beginning of the year	\$127,302,065	\$ 129,122,268
Additions:		
Employer contributions	5,082,832	4,709,350
Employee contributions	2,881,884	2,740,313
Investment income	2,674,786	2,968,560
Net realized gain (loss) on sale of assets	368,638	1,742,309
Changes in unrealized appreciation (depreciation)	1,382,889	(4,529,522)
Total additions (deductions), net	12,391,029	7,631,010
Deductions:		
Distributions to participants	9,381,209	8,528,554
Administrative expenses	761.079	922,659
Total deductions	10,142,288	9,451,213
Net increase (decrease)	2,248.741	(1,820,203)
Total net position held in trust for pension benefits,		
end of the year	\$129,550,806	\$127,302,065

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF PLAN NET POSITION - OPEB TRUST FUND December 31, 2016 and 2015

	2016	2015
Assets:		
Cash and cash equivalents	\$ 213,109	\$ 1,376,440
Investments, at market	26,596,614	23,765,467
Accrued interest and dividends	130,270	39,176
Total assets	\$ 26,939,993	\$ 25,181,083
Liabilities and net position:		
Net position held in trust for pension benefits	\$ 26,939,993	\$ 25,181,083

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF CHANGES IN PLAN NET POSITION - OPEB TRUST FUND For the years ended December 31, 2016 and 2015

	2016	2015
Net position held in trust for pension benefits, beginning of the year	\$ 25,181,083	\$ 25,289,600
beginning of the year	\$ 23,101,003	\$ 23,269,000
Additions:		
Employer contributions	1,431,787	1,993,729
Employee contributions		
Investment income	861,204	549,675
Net realized gain (loss) on sale of assets	3,051,389	302,495
Changes in unrealized appreciation (depreciation)	(2,112,585)	(934,282)
Total additions (deductions), net	3,231,795	1,911,617
Deductions:		
Benefits	2,385,769	2,333,825
Premiums	(1,021,451)	(408,549)
Administrative expenses	108,567	94,858
Total deductions	1,472,885	2,020,134
Net increase (decrease)	1,758,910	(108,517)
Total net position held in trust for pension benefits, end of the year	\$ 26,939,993	\$ 25,181,083

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Organization

The Water Works Board of the City of Birmingham ("the Board") is a public corporation incorporated on November 21, 1950, pursuant to a resolution adopted by the governing board of the City of Birmingham (the City). The Board's directors are appointed by the Birmingham City Council. The Board operates and manages water filtration plants, a water distribution system, sewage treatment plants (until sold during 2008) and waste water collection systems (collectively referred to as the System) in Jefferson County, Alabama and portions of adjacent counties.

In evaluating the Board as a reporting entity, management has determined that the Board is financially accountable for the Retirement Plan for Employees of The Water Works Board of the City of Birmingham (the Pension Plan) and the Other Postemployment Benefits Plan of The Water Works Board of the City of Birmingham (the OPEB Plan) and, as such, has included the Plan as a Pension Trust Fund and the OPEB Plan as an OPEB Trust Fund within the Board's financial statements.

Basis of Presentation and Basis of Accounting

The accounting policies of the Board conform to generally accepted accounting principles (GAAP) as applicable to governmental units. This report, the accounting systems and classification of accounts conform to standards of the Governmental Accounting Standards Board (GASB) or, where applicable, the Financial Accounting Standards Board (FASB).

The Board has adopted GASB Statement No. 20, Accounting and Financial Report for Proprietary Funds and Other Governmental Entities that use Proprietary Fund Accounting.

On July 1, 2009, the Financial Accounting Standards Board (FASB) released the Accounting Standards Codification (ASC). The ASC became the single source of authoritative nongovernmental generally accepted accounting principles (GAAP) and is effective for periods ending after September 15, 2009. All existing accounting standards documents were superseded, and any other literature not included in the ASC is considered nonauthoritative. The adoption of the ASC did not have any impact on the Board's financial condition, results of operations and cash flows, as the ASC did not change existing GAAP. The adoption of the ASC changes the approach of referencing authoritative literature by topic rather than by type of standard. Accordingly, references to former FASB positions, statements, interpretations, opinions, bulletins or other pronouncements in the Board's notes to basic financial statements are now presented as references to the corresponding topic in the ASC.

Net Position

Net position is classified and reported in three components: net investment in capital assets; restricted net position; and unrestricted net position. The classifications are defined as follows:

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

- Net investment in capital assets This component of net position consists of capital assets, including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction or improvement of those assets. If there are significant unspent related debt proceeds at year end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of invested in capital assets, net of related debt. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.
- Restricted net position This component of net position includes assets subject to
 external constraints imposed by creditors (such as through debt covenants), grantors,
 contributors, laws or regulations of other governments, or constraints imposed by law
 through constitutional provisions or enabling legislation.
- Unrestricted net position This component of net position consists of net assets that do not meet the definition of "restricted" or "invested in capital assets, net of related debt."

Sometimes the Board will fund outlays for a particular purpose from both restricted (e.g., restricted bond) and unrestricted resources. In order to calculate the amounts to report as restricted-net position and unrestricted-net position in the enterprise fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Board's policy to consider restricted-net position to have been depleted before unrestricted-net position is applied.

Fund Accounting

The Board uses funds to report on its financial position and the results of its operations determined in conformity with accounting principles generally accepted in the United States. A fund is a separate accounting entity with a self-balancing set of accounts.

The funds presented in this report are as follows:

Proprietary Fund Type

Enterprise Fund - The fund is used to account for operations that are financed and operated in a manner similar to private business enterprises. A fund of this type is entitled Enterprise Fund in accordance with terminology set forth in accounting principles generally accepted in the United States.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Fiduciary Fund Type

Pension Trust Fund - The fund is used to account for the Retirement Plan for Employees of the Board. A fund of this type is entitled Pension Trust Fund in accordance with terminology set forth in accounting principles generally accepted in the United States and is accounted for on the accrual basis of accounting. Employee contributions are recognized in the period in which the contributions are due. Board contributions are recognized when due. Benefits are recognized when due and payable in accordance with the terms of the Pension Plan, Investments are reported at fair value.

OPEB Trust Fund - The fund is used to account for the Other Postemployment Benefits Plan of the Board. A fund of this type is entitled an OPEB Trust Fund in accordance with terminology set forth in accounting principles generally accepted in the United States and is accounted for on the accrual basis of accounting. Employee contributions are recognized in the period in which the contributions are due. Board contributions are recognized when due. Benefits are recognized when due and payable in accordance with the terms of the OPEB Plan. Investments are reported at fair value.

Utility Plant and Depreciation

Utility plant is recorded at cost. Expenditures for maintenance, repairs and minor renewals are charged to operations as incurred. The cost of assets retired or otherwise disposed of and the related accumulated depreciation are removed from the accounts, and the gain or loss on such disposition is reflected in income. Depreciation is recorded on individual assets using the straight-line method over the estimated useful lives of the assets.

The useful lives for the principal utility plant asset classifications are as follows:

Structures and improvements

Transmission mains

Distribution mains

Purification and pumping equipment

Transportation equipment

Other equipment

30 to 100 years

67 years

25 to 50 years

5 to 10 years

3 to 50 years

Land rights have indefinite lives and are not depreciated.

Revenues and Expenses

Operating revenues and expenses consist of those revenues and expenses that result from the ongoing principal operations of the Board. Operating revenues consist primarily of charges for services. Nonoperating revenues and expenses consist of those revenues and expenses that are related to financing and investing activities and result from nonexchange transactions or ancillary activities.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

When an expense is incurred for purposes for which there are both restricted and unrestricted net assets available, it is the Board's policy to apply those expenses to restricted net assets to the extent such are available and then to unrestricted net assets.

Trusteed Funds

Under the Series 2009-A, 2009-B, 2010-A, 2010-B, 2011 and 2012-A Water and Sewer Revenue Warrants indentures, the Series 2015-A, 2015-B, 2016-A, 2016-B, and 2016-C Water Revenue Bonds, and the Series 2013-A and 2013-B General Obligation Capital Improvement Warrants Indenture (see Note 5), as supplemented and amended, certain funds and bank accounts were required to be established and controlled by a trustee. The accounts of the trusteed funds are maintained on the cash receipts and disbursements basis and are adjusted for financial statement purposes to reflect accrued receivables and payables and certain interfund transfers.

Among other uses, trusteed funds are used to make debt service payments. Accordingly, trusteed funds necessary to fund current debt service are classified as current assets on the accompanying statements of net position - enterprise fund. The trusteed funds assets include investments that are uninsured and unregistered, with the securities held by the trustee, and not in the Board's name.

Investments

Investments, which consist of money market funds and U.S. government and agency securities, are stated at fair market value based on quoted market prices with all investment income, including changes in the fair value of investments, reported in the statements of revenues, expenses and changes in net position - enterprise fund. These securities are adjusted for impairments in value considered to be other than temporary.

Cash and Cash Equivalents

For purposes of the statements of cash flows - enterprise fund, the Board considers all highly liquid, nontrusteed securities purchased with an original maturity of three months or less to be cash equivalents.

Customer Advances for Construction

Fees charged to tap into the System are recorded as liabilities until construction is complete, at which time the amounts are recognized as capital contributions in the statements of revenues, expenses and changes in net position - enterprise fund.

Materials and Supplies

Materials and supplies inventory is valued at the lower of cost (first-in, first-out basis) ormarket.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Unbilled Water Revenue

Revenue for water delivered but not billed is estimated and accrued monthly.

License Fees

The Board is not subject to federal, state or local taxes; however, annual payments are made to the City and other local municipalities for business license fees.

Compensated Absences

Compensated absences are recorded when vested or earned by employees in accordance with GASB Statement No. 16, Accounting for Compensated Absences.

Deferred Outflows/Inflows of Resources

In addition to assets, the statements of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position that applies to a future period and so will not be recognized as an outflow of resources (expenses) until then. The Board has two items that qualify for reporting in this category. They are the deferred charge on the refunding on debt and the deferred charge relating to pension activities.

In addition to liabilities, the statements of position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Board has only one type of item that qualifies for reporting in this category. It is the amount related to the Board's pension activities.

Long-Term Debt

Long-term debts are reported as liabilities on the statements of net position. Bond premiums and discounts, and losses on refunding are deferred and amortized over the life of the bonds using the effective interest method. Bonds payable are reported net of the applicable bond premium or discount. Bond issuance costs are expensed during the current period.

Fair Value of Financial Instruments

The carrying amounts of cash and cash equivalents, accounts receivable, accounts payable and accrued expenses approximate fair value because of the immediate or short-term maturity of these financial instruments. The carrying amounts of long-term obligations approximate fair value because the stated interest rates on the indebtedness approximate current borrowing rates.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management of the Board to make estimates and assumptions that affect amounts reported in the financial statements and accompanying notes. Actual results could differ from these estimates.

Budget

The Board prepares an internal operations budget for management purposes which is not subject to City or State of Alabama (State) approval.

Subsequent Events

Management has evaluated subsequent events and their potential effect on these financial statements through June 30, 2017, the audit report date.

Capital Contributions

Capital contributions are recorded for the receipt of capital grants, contributions of funds, property, lines and improvements by developers, customers or other governments. Availability fees in excess of related costs are also recorded as capital contributions.

Implementation of New Accounting Standards

As required by governmental accounting standards, the Board adopted and implemented GASB Statement No. 72, Fair Value Measurement and Application. This statement addresses accounting and financial reporting issues related to fair value measurements and provides guidance for applying fair value to certain investments and disclosures related to all fair value measurements.

Future Accounting Pronouncements

GASB Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pensions, replaces the requirements of Statements No. 45 and No. 57. The primary objective of GASB No. 74 is to improve accounting and financial reporting for state and local governments for postemployment benefits other than pensions (other postemployment benefits or OPEB). This statement will be effective for the Board beginning with its year ending December 31, 2017.

GASB Statement No. 82, Pension Issues an amendment of GASB Statements No. 67, No. 68, and No. 73, addresses certain issues that have been raised with respect to Statements No. 67, Financial Reporting for Pension Plans, No. 68, Accounting and Financial Reporting for

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONT'D)

Pensions, and No. 73, Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68. This statement will be effective for the Board beginning with its year ending December 31, 2017.

Management has not yet determined the effect that these statements will have on its financial statements.

NOTE 2 - CASH AND CASH EQUIVALENTS

The Board of Directors approves all banks or other institutions as depositories for Board funds. The Board requires all funds on deposit to be collateralized by a pledge of unencumbered securities.

The carrying amount of cash bank balances at December 31, 2016 and 2015 totaled \$19,770,749 and \$6,853,473, respectively, and the bank balances were \$22,201,869 and \$12,417,453, respectively.

The Alabama State Legislature has enacted the Security of Alabama Funds Enhancement (SAFE) Program (Title 41, Chapter 14A, Code of Alabama 1975, as amended) that prescribes the way all Alabama public deposits are collateralized. Public deposits include the funds of any covered public entity or covered public official placed on deposit in a qualified depository, including time and demand deposit accounts and certificates of deposit but excluding bonds, notes, money market mutual funds, repurchase agreements and similar investment instruments.

Covered public entities include the state and its political subdivisions, including school boards. In the past, the bank pledged collateral directly to each public entity. Under SAFE, which is mandatory, each qualified public depository (QPD) is required to hold collateral for all of its public deposits on a pooled basis in a custody account (SAFE Custody Account) established by the State Treasurer as SAFE Administrator. In the unlikely event a public entity should suffer a deposit loss due to QPD insolvency or default; a claim form would be filed with the State Treasurer, pool collateral or other means to reimburse the loss. All deposits of the Board as of December 31, 2016 and 2015 are held in a qualified public depository.

NOTE 3 - INVESTMENTS

Assumptions

The Board's Bond Indenture limits trusteed investments to "eligible investments." It is the Board's policy to invest public operating funds consistent with Section 11-81-21 of the Code of Alabama 1975 regarding the investment of public funds in obligations in which sinking funds may be invested. Eligible investments include i) U.S. treasury obligations, ii)certificates of deposit, iii) repurchase agreements, iv) bonds of the State of Alabama, v) obligations of U.S. federal agencies, vi) money market mutual funds, and vii) securities lending.

NOTE 3 - INVESTMENTS (CONT'D)

Disclosures

As of December 31, 2016, the Board had the following investments and maturities.

Investment Type			Investment Maturities (in Years)							
		Market Value		Less Than 1		1-5		6-10	7	More Than 10
Trusteed Fund Securities:			Ţ							
US Agency Notes	S	66,280,636	\$	54,352,862	S	11,927,774	S	-	S	
Mutual funds		68,602,772		68,602,772				~		-
Fixed Income Corporate Issues - Guaranteed										
Investment Contracts	_	71,253,830	-	43,000,000	-	14,343,154	_1	262,263	_12	2,648,413
	\$	206,137,238	\$	165,955,634	\$	26,270,928	\$1.	262,263	\$12	2,648,413

As of December 31, 2015, the Board had the following investments and maturities.

		Investment Maturities (in Years)						
Investment Type	Market Value	Less Than 1	1-5	6-10	More Than 10			
Trusteed Fund Securities:								
Certificates of Deposit	\$ 44,317,773	\$ 20,498,800	\$ 23,818,973	S -	S -			
Mutual Funds Fixed Income Corporate Issues - Guaranteed	78,305,892	78,305,892		9	2			
Investment Contracts	131,480,958	66,618,380	43,000,000	4,094,673	17.767.905			
	\$ 254,104,623	\$ 165,423,072	\$ 66,818,973	\$ 4,094,673	\$17,767,905			

Interest Rate Risk. The Board does not have a formal investment policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates. The guaranteed investment contracts contain a "full-flex" withdrawal provision allowing the Board to remove the funds at par for any purpose designated in the Trust Indenture. Should the credit rating of the contract provider be downgraded below Aa/AA level, the provider is required to collateralize at a level of 102 percent of the par value of the agreement. If the provider fails to collateralize in the event of a downgrade, the Board may remove funds in their entirety at par.

Credit Risk. The Board's Bond Indenture limits investments to Eligible Investments defined as:
(i) Federal Obligations, (ii) Eligible Bank Obligations (fully collateralized by Federal Obligations), (iii) share or investment unit whose portfolio consists exclusively of "Eligible Investments" if purchased directly, (iv) to the extent permitted by applicable law either: (A)

NOTE 3 - INVESTMENTS (CONT'D)

Repurchase agreement or collateralized investment agreement with long-term rating of at least A-by Standard & Poor's or A3 by Moody's Investor Services (Moody's), provided the obligations or securities subject to any such agreement shall be of the kind described in clauses (i), (ii) and (iii) of this definition and are fully collateralized or (B) any investment agreement issued or guaranteed by any financial institution with long-term rating of at least AA- by Standard & Poor's or AA3 by Moody's; and (v) any other investments at the time permitted by applicable law.

As of December 31, 2016, the Branch Banking & Trust Deposit RI's was rated AAA by Standard and Poor's and Aaa by Moody's. The Guaranteed Investment Contracts investments are unrated.

Custodial Credit Risk. For an investment, custodial credit risk is the risk that, in the event of the failure of the counterparty, the Board will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Balances are held in securities that are allowed by the Indenture, which require no collateralization. The accounts are in the name of the trustee for the benefit of the holders.

If the securities pledged fail to produce adequate funds, every institution participating in the pool would share the liability for the remaining balance.

Fair Value Measurement

GASB Statement No. 72, Fair Value Measurement and Application, enhances comparability of governmental financial statements by requiring fair value measurement for certain assets and liabilities using a consistent definition and accepted valuation techniques. The standard establishes a hierarchy of inputs used to measure fair value that prioritizes the inputs into three categories—Level 1, Level 2, and Level 3 inputs—considering the relative reliability of the inputs. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to measurements involving significant unobservable inputs (Level 3 measurements. The three levels of the fair value hierarchy are as follows:

- Level 1 inputs are quoted (unadjusted) prices in active markets for identical financial assets or liabilities that are accessible at the measurement date.
- Level 2 inputs are inputs other than quoted market prices included within level 1 that are observable for the financial assets or liability, either directly or indirectly; and

Level 3 inputs are unobservable inputs for the financial asset or liability.

The level in the fair value measurement falls is based on the lowest level that is significant to the fair value measurement in its entirety.

NOTE 3 - INVESTMENTS (CONT'D)

The following tables present the Board's financial assets carried at fair value by level within the valuation hierarchy as of December 31, 2016 and 2015:

	2016 Total	Level 1	Level 2	Level 3
Trusteed Fund Securities:				
First American U.S. Treasury				
Money Market	\$ 66,280,636	\$ 66,280,636	\$ -	\$ -
Mutual Funds	68,602,772	68,602,772	-	
Fixed Income Corporate Issues -	4.446.55.455	AC-25 40 C-2-		
Guaranteed Investment Contracts	71,253,830	-	71.253,830	
	\$ 206,137,238	\$ 134,883,408	\$ 71,253,830	\$ -
	2015			
	Total	Level 1	Level 2	Level 3
Trusteed Fund Securities:				
First American U.S. Treasury				
Money Market	\$ 44,317,773	\$ 44,317,773	\$ -	S -
Mutual Funds	78,305,892	78,305,892		-
Fixed Income Corporate Issues -				
Guaranteed Investment Contracts	131.480.958		131,480,958	_
	\$ 254,104,623	\$ 122,623,665	\$ 131,480,958	s -
COURT A TIMET TONE OF A STOR		-		

NOTE 4 - UTILITY PLANT

Balances of major classes of utility plant assets and accumulated depreciation at December 31, 2016 and changes therein for the year then ended are as follows:

	1	Balance at December 31, 2015	- 1	Additions		Transfers		Deletions		Balance at ecember 31, 2016
Nondepreciable:	-		1	-delayer.		Value V		desser	172	a Coin for
Land and land rights Construction-in-	S	37,280,060	S	18,072	S	18,500	\$	(2,692)	\$	37,313,940
progress		41,447,875	- 3	18,737,171		(19,871,545)		(606,826)		39,706,675
Depreciable:						ALL CAPE		7.200		
Structures and										
improvements		197,539,173		3,000,426		(335,218)		-		200,204,381
Equipment	_	906,154,598	-	29,355,693	_	20,188,263	_	(817,696)		954,880,858
Total utility plant in service		1,182,421,706	73	51,111,362				(1,427,214)	1	,232,105,854
Less accumulated depreciation	_	(354,715,707)	_0	25,170,588)	_		_	2,850,252	2	(377,036,043)
Net utility plant	\$	827,705,999	\$ 3	25,940,774	5	-	\$	1,423,038	\$	855,069,811

NOTE 4 - UTILITY PLANT (CONT'D)

Balances of major classes of utility plant assets and accumulated depreciation at December 31, 2015 and changes therein for the year then ended are as follows:

	D	Balance at December 31, 2014	A	Additions		Transfers	- 1	Deletions		Balance at ecember 31, 2015
Nondepreciable:										
Land and land rights	\$	37,280,023	\$	346	\$	37	\$	91	\$	37,280,060
Construction-in-		SAL WAY SALE		- Variable						V. 41.494V
progress		72,400,705	2	56,741,354		(87,694,184)		-		41,447,875
Depreciable:										
Structures and										
improvements		177,770,821		1,192,880		18,869,450		(293,978)		197,539,173
Equipment		838,126,871		4,234,778	-	68.824.697	-	5.031.748)	150	906,154,598
Total utility plant	77			-		200000				
in service	1	1,125,578,420	6	52,169,012		=		(5.325.726)	1	.182,421,706
Less accumulated		400.0		23/14/10/10				M. C		6.5.5.40.70 GO
depreciation	-	(335,032,388)	_(2	24,370,094)			_	4,686,775		(354,715,707)
Net utility plant	\$	790,546,032	\$ 3	37.798.918	\$	1	8	(638.951)	\$	827,705,999

NOTE 5 - LONG-TERM OBLIGATIONS

On October 4, 2016, the Board issued \$157,190,000 of Senior Water Revenue Refunding Bonds, Series 2016-A. The 2016-A Bonds were issued for the purposes of advance refunding of a portion of the Board's Series 2009-A Water Revenue Bonds, advance refunding of a portion of the Board's Series 2011, Water Revenue Bonds and paying the costs of issuing Series 2016-A Bonds. The Series 2016-A Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a premium of \$29,046,288. After issuance costs and underwriter discounts of \$1,042,503, \$8,112,252 was transferred to the Debt Service Fund and the remaining \$193,306,038 was deposited into the 2016-A Bonds Escrow Fund.

On October 4, 2016, the Board issued \$278,200,000 of Subordinate Water Revenue Refunding Bonds, Series 2016-B. The 2016-B Bonds were issued for the purposes of current refunding of a portion of the Board's Series 2007-A Water Revenue Bonds, advance refunding of a portion of the Board's Series 2009, Subordinate Water Revenue Bonds, financing certain capital improvements to the Board's water distribution system, and paying the costs of issuing Series 2016-B Bonds. The Series 2016-B Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a premium of \$55,766,348. After issuance costs and underwriter discounts of \$1,796,044, \$30,072,631 was transferred to the Debt Service Fund and the remaining \$337,517,541 was deposited into the 2016-B Bonds Escrow Fund and the remaining \$24,725,394 was deposited and available for capital improvements.

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

On October 4, 2016, the Board issued \$34,110,000 of Subordinate Water Revenue Refunding Bonds, Series 2016-C. The 2016-C Bonds were issued for the purposes of advance refunding of a portion of the Board's Series 2009, Subordinate Water Revenue Bonds, financing certain capital improvements to the system, and paying the costs of issuing Series 2016-C Bonds. The Series 2016-C Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. After issuance costs and underwriter discounts of \$442,267, \$3,356,355 was transferred to the Debt Service Fund and the remaining \$34,642,895 was deposited into the 2016-C Bonds Escrow Fund and \$2,381,192 was deposited and available for capital improvements.

On March 30, 2015, the Board issued \$100,205,000 of Water Revenue Refunding Bonds, Series 2015-A. The 2015-A Bonds were issued for the purpose of, 1) advance refunding all of the Board's Water and Sewer Revenue Bonds, Series 2006-A, 2) advance refunding all of the Board's Water Revenue Bonds, Series 2008-A, 3) advance refunding a portion of the Board's Water Revenue Bonds, Series 2009-A, and 4) paying the costs of issuing the Series 2015-A Bonds. The Series 2015-A Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a premium of \$14,044,150. After issuance costs and underwriter discounts of \$900,824, \$1,402,725 was transferred to the Debt Service Fund and the remaining \$114,751,051 was deposited into the 2015-A Bonds Escrow Fund.

On March 30, 2015, the Board issued \$75,760,000 of Water Revenue Bonds, Series 2015-B. The 2015-B Bonds were issued for the purpose of 1) paying the costs of certain capital improvements to the water system including improvements for regulatory compliance, 2) funding the required deposit in the Debt Service Reserve Fund, and 3) paying the costs of issuing the Series 2015-B Bonds. The Series 2015-B Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a premium of \$8,258,957. After issuance costs and underwriter discounts of \$677,558, \$3,341,398 was transferred to the Debt Service Reserve Fund and the remaining \$80,000,000 was deposited and available for capital improvements.

On September 15, 2014, the Board issued Subordinate Water Revenue Bonds, Series 2014-DWSRF-DL. The bonds were issued in the aggregate principal amount of \$615,000 for the purpose of funding certain capital improvements to the System. The 2014 SRF Bonds are presently outstanding in the aggregate principal amount of \$615,000 and mature or are subject to mandatory redemption in the years 2016 through 2035.

On April 17, 2013, the Board issued \$23,335,000 of Water Revenue Refunding, Series 2013-A Bonds. The 2013-A Bonds were issued for the purpose of, 1) advance refunding a portion of Board's Series 2006-A Bonds, consisting of \$5,000,000 principal amount maturing January 1, 2040, and subject to mandatory redemption beginning in 2036, and \$14,760,000 principal amount maturing January 1, 2043, subject to mandatory redemption in 2041 and 2042, and 2)

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

paying a portion of the cost of issuing the 2013-A Bonds. The Series 2013-A Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a discount of \$781,818. After transfer of certain funds in the Debt Service Fund of \$247,000 and payment of issuance costs and underwriter discounts of \$238,597, \$22,561,585 was deposited into a 2013-A escrow fund.

On April 17, 2013, the Board issued \$70,785,000 of Water Revenue Bonds, Series 2013-B Bonds. The 2013-B Bonds were issued for the purpose of, 1) paying the costs of certain capital improvements to the water system including improvements for regulatory compliance, enhancements in safety, security, operational performance and capacity, and maintenance and replacement of system assets, 2) funding the required deposit to the Debt Service Reserve Fund, and 3) paying the costs of issuance. The Series 2013-A Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a premium of \$8,540,051. After transfer of certain funds in the Debt Service Fund of \$3,630,709 and payment of issuance costs and underwriter discounts of \$694,343, \$75,000,000 was deposited and available for capital improvements.

On February 1, 2013, the Board issued Subordinate Water Revenue Bonds, Series 2013-DWSRF-DL. The bonds were issued in the aggregate principal amount of \$5,780,000 for the purpose of funding certain capital improvements to the System. The 2013 SRF Bonds are presently outstanding in the aggregate principal amount of \$5,560,000 and mature or are subject to mandatory redemption in the years 2014 through 2033.

On March 15, 2012, the Board issued \$51,710,000 of Water Revenue Bonds. The 2012-A Bonds were issued for the purpose of advance refunding the Series 2004-A Bonds. The Series 2012-A Bonds are payable solely out of and secured by a pledge and assignment of the revenues attributable to the system. The bonds were issued at a premium of \$1,283,128. After issuance costs, underwriter discounts, and bond issuance premiums of \$1,804,427, \$52,807,932 was deposited into a 2004-A escrow fund.

On February 15, 2012, the Board issued Subordinate Water Revenue Bonds, Series 2012-DWSRF-DL. The bonds were issued in the aggregate principal amount of \$1,365,000 for the purpose of funding certain capital improvements to the System. The 2012 SRF Bonds are presently outstanding in the aggregate principal amount of \$1,205,000 and mature or are subject to mandatory redemption in the years 2014 through 2032.

On June 7, 2011, the Board issued \$133,565,000 of Water Revenue Bonds. The 2011 Bonds were issued for the purposes of financing the costs of certain capital improvements to the System and funding the Reserve Fund under the Trust Indenture, as amended, and paying the costs of issuance of the bonds. The Series 2011 Bonds are payable solely out of and secured by a pledge and assignment of, the revenues of the Board attributable to the System. The bonds were issued at a premium of \$1,127,806. After issuance costs, underwriter, discounts and bond issuance premiums of \$1,171,856, \$8,520,950 was deposited into the Debt Reserve Fund, the remaining \$125,000,000 was deposited into the Construction Fund.

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

On February 25, 2011, the Board issued Subordinate Water Revenue Bonds, Series 2011-DWSRF-DL. The bonds were issued in the aggregate principal amount of \$2,045,000 for the purpose of funding certain capital improvements to the System. The 2011 SRF Bonds are presently outstanding in the aggregate principal amount of \$1,730,000 and mature or are subject to mandatory redemption in the years 2013 through 2031.

On November 4, 2010, the Board issued \$86,975,000 of Water Revenue Refunding Bonds. The 2010-A Bonds were issued for the purpose of refunding the Board's outstanding Series 1998-A Warrants that mature in 2021 and 2029. The Series 2010-A Bonds are payable solely out of, and secured by a pledge and assignment of, the revenues of the Board attributable to the System. The bonds were issued at a premium of \$5,677,960. After issuance costs, underwriter discounts and bond insurance premiums of \$722,868, \$93,529,555 was deposited into an escrow fund for the 1998-A Bonds maturing in years 2021 through 2029.

On November 4, 2010, the Board issued \$7,525,000 of Taxable Water Revenue Refunding Bonds. The 2010-B Bonds were issued for the purpose of refunding the Board's outstanding Series 2004-B Taxable Water and Sewer Revenue Bonds that mature from 2011 through 2017. The Series 2010-B Bonds are payable solely out of, and secured by a pledge and assignment of, the revenues of the Board attributable to the System. After issuance costs, underwriter discounts and bond insurance premiums of \$65,274, \$10,767,735 was deposited into an escrow fund for the 2004-B Bonds maturing in years 2011 through 2017.

On December 15, 2009, the Board issued \$73,890,000 of Subordinate Water Revenue Refunding Bonds. The Series 2009 Bonds were issued for the purposes of refunding the Board's outstanding Series 1998-A G.O., the 1998-B G.O. Warrants and the Series 2000-A G.O. Warrants, and paying the costs of issuance of the bonds. The Series 2009 Bonds are payable solely out of, and secured by a pledge and assignment of, the revenues of the Board attributable to the System. The bonds were issued at a discount of \$59,930. After issuance costs, underwriter discounts and bond insurance premiums of \$900,732, \$1,684,959 was deposited into the Debt Reserve Fund, and the remaining \$74,514,198, which included \$3,269,819 of the Board's debt service funds related to the refunded issues, was deposited into escrow funds for the Series 1998-A G.O., the 1998-B G.O. Warrants and the Series 2000-A G.O. Warrants.

On May 1, 2009, the Board issued \$108,305,000 of Water Revenue Bonds. The 2009-A Bonds were issued for the purposes of financing the costs of certain capital improvements to the System and funding the Reserve Fund under the Trust Indenture, as amended, and paying the costs of issuance of the bonds. The Series 2009-A Bonds are payable solely out of, and secured by a pledge and assignment of, the revenues of the Board attributable to the System. The bonds were issued at a premium of \$1,509,234. After issuance costs, underwriter discounts and bond insurance premiums of \$2,804,904, \$6,999,431 was deposited into the Debt Reserve Fund, and the remaining \$100,000,000 was deposited into the Construction Fund.

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

On May 1, 2009, the Board issued \$46,760,000 of Water Revenue Refunding Bonds. The 2009-B Bonds were issued for the purposes of refunding the Board's outstanding Series 1998-A Warrants that mature in the years 2011 through 2019, and paying the costs of issuance of the bonds. The Series 2009-B Bonds are payable solely out of, and secured by a pledge and assignment of, the revenues of the Board attributable to the System. The bonds were issued at a premium of \$4,232,889. After issuance costs, underwriter discounts and bond insurance premiums of \$911,234, the remaining \$50,916,568, which included \$834,915 of the Board's debt service funds related to the refunded bonds, was deposited into an escrow fund for the 1998-A Bonds maturing in years 2011 through 2019.

On March 1, 2007, the Board issued \$326,305,000 of Subordinate Water and Sewer Revenue Bonds, Series 2007-A. The 2007-A Bonds were issued for the purposes of advance refunding of outstanding 2002-B Bonds, providing for the addition of a surety bond or insurance policy to the Reserve Fund under the Trust Indenture, as amended, and paying the costs of issuance of the bonds, as well as refunding the 2007-B Bonds that were issued in the amount of \$11,160,000 in February 2007 for the purpose of providing funds for the Board's capital improvement program. The Series 2007-A Bonds are payable solely out of, and secured by a pledge and assignment of, the revenues of the Board attributable to the System. The bonds were issued at a discount of \$3,708,928. After issuance costs, underwriter discounts and bond insurance premiums of \$4,556,588, the remaining \$306,899,284 was deposited into an escrow fund for the 2002-B Bonds, and \$11,160,000 was used to pay off the 2007-B Bonds.

The debt service reserve fund for the Subordinate Water and Sewer Revenue Bonds, Series 2007-A, was funded initially with a reserve fund surety bond (the Original Surety Bond) in the approximate amount of \$27,200,000 that was issued by Ambac Assurance Corporation (Ambac). Because of rating changes that have occurred with respect to Ambac during 2008, the Board was required, by the provisions of the Subordinate Indenture, to either (i) replace the Original Surety Bond, by no later than December 5, 2008, with a surety bond or insurance policy in the same amount issued by a AAA-rated municipal bond insurer or with a letter of credit issued by a AA-rated bank or (ii) make cash deposits to the reserve fund to replace the Original Surety Bond, with such installments to be made in installments on at least a monthly basis over the 12-month period that ends November 5, 2009. The Board satisfied that replenishment requirement by making cash deposits to the Reserve Fund. In March 2009, \$10,000,000 was deposited, and the balance was funded in October 2009 from operating reserves.

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NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

Long-term debt outstanding at December 31, is summarized as follows:

	2016	2015
Series 2007-A Water and Sewer Revenue Bonds, issued March 1, 2007, 3.95% to 5.00% interest, due annually through 2043	\$	\$ 313,375,000
Series 2009-A Water and Sewer Revenue Bonds, issued May 1, 2009, 3.00% to 5.25% interest, due annually through 2039	7,180,000	69,380,000
Series 2009-B Water Revenue Refunding Bonds, issued May 1, 2009, 5.00% interest only due annually through 2011, principal and interest due annually 2012 through 2019	19,920,000	25,925,000
Series 2009 Subordinate Water Revenue Refunding Bonds, issued December 15, 2009, 3.00% to 5.00% interest, due annually through 2029	14	52,680,000
Series 2010-A Water Revenue Refunding Bonds, issued November 4, 2010, 4.00% to 5.00% interest only due annually through 2019, principal and interest due annually 2020 through 2029	86,975,000	86,975,000
Series 2010-B Taxable Water Revenue Refunding Bonds, issued November 4, 2010, 1.574% to 3.463%, due annually through 2017	1,300,000	2,605,000
Series 2011 Water Revenue Refunding Bonds, issued June 7, 2011, 3.00% to 5.00%, due annually through 2041	14,515,000	125,550,000
Series 2011 Subordinate Water Revenue Bonds, issued February 25, 2011, 3.00% to 5.00%, due 2014 through 2031	1,645,000	1,730,000
Series 2012-A Water Revenue Refunding Bonds, issued March 15, 2012, 2.00% to 5.00%, due annually through 2034	50,680,000	50,945,000
Series 2012 Subordinate Water Revenue Bonds, issued February 15, 2012, 2.00% to 5.00%, due 2014 through 2032	1,150,000	1,205,000
Series 2013-A Water Revenue Refunding Bonds, issued April 17, 2014, 2.00% to 4.00%, due annually through 2043	23,150,000	23,245,000
Series 2013-B Water Revenue Bonds, issued April 17, 2014, 5.00%, due annually 2030 through 2034	70,785,000	70,785,000
Series 2013 Subordinate Water Revenue Bonds, issued February 1, 2013, 2.00% to 5.00%, due 2014 through 2033	5,105,000	5,335,000
Series 2014 Subordinate Water Revenue Bonds, issued September 25, 2014, 2,45%, due 2016 through 2035	590,000	615,000
Series 2015-A Water Revenue Refunding Bonds, issued April 14, 2015, 3.00% to 5.00%, due 2016 through 2042	99,755,000	100,205,000

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

	2016	2015
Series 2015-B Water Revenue Bonds, issued April 14, 2015, 3.00% to 5.00%, due 2016 through 2045	75,100,000	75,760,000
Series 2016-A Water Revenue Bonds, issued October 4, 2016, 4.00% to 5.00%, due 2020 through 2041	157,190,000	94
Series 2016-B Water Revenue Bonds, issued October 4, 2016, 4.00% to 5.00%, due 2023 through 2043	278,200,000	14
Series 2016-C Water Revenue Bonds, issued October 4, 2016, 1.03% to 2.39%, due 2017 through 2023	34,110,000	
Total long-term debt	927,350,000	1,006,315,000
Unamortized premium	117,088,442	33,877,792
Long-term obligations	1,044,438,442	1.040,192,792
Less current portion	(17,215,000)	(19,335,000)
Long-term obligations - net	\$ 1,027,223,442	\$ 1.020.857.792

Activity during 2016 related to long-term debt principal obligations is as follows:

	Balance at 12/31/15	Additions	Payments	Balance at 12/31/16	Due Within One Year
Water Works and Sewer Board Series 2007-A	313,375,000		(313,375,000)	-	
Water Works Board Series 2009-A	69,380,000	8	(62,200,000)	7,180,000	2,275,000
Water Works Board Series 2009-B	25,925,000		(6,005,000)	19,920,000	6,310,000
Water Works Board Subordinate Series 2009	52,680,000		(52,680,000)	-	
Water Works Board Series 2010-A	86,975,000			86,975,000	-
Water Works Board Series 2010-B	2,605,000		(1,305,000)	1,300,000	1,300,000
Water Works Board Series 2011	125,550,000		(111,035,000)	14,515,000	2,655,000
Water Works Board Subordinate Series 2011	1,730,000	100	(85,000)	1,645,000	90,000
Water Works Board Series 2012-A	50,945,000	~	(265,000)	50,680,000	320,000
Water Works Board Subordinate Series 2012	1,205,000	121	(55,000)	1,150,000	55,000
Water Works Board Series 2013-A	23,245,000	W	(95,000)	23,150,000	95,000
Water Works Board Series 2013-B	70,785,000	~	(4)	70,785,000	
Water Works Board Subordinate Series 2013	5,335,000	18	(230,000)	5,105,000	240,000
Water Works Board Subordinate Series 2014	615,000		(25,000)	590,000	25,000
Water Works Board Series 2015-A	100,205,000	1.0	(450,000)	99,755,000	465,000
Water Works Board Series 2015-B	75,760,000	0.70	(660,000)	75,100,000	685,000
Water Works Board Series 2016-A	1	157,190,000		157,190,000	
Water Works Board Series 2016-B	-	278,200,000		278,200,000	-
Water Works Board Series 2016-C		34,110,000		34,110,000	2,700,000
	\$ 1,006,315,000	\$ 469,500,000	\$ (548,465,000)	\$ 927,350,000	\$ 17,215,000

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

Activity during 2015 related to long-term debt principal obligations is as follows:

	Balance at 12/31/14	Additions	Payments	Balance at 12/31/15	Due Within One Year
Water Works and Sewer Board Series 2006-A	S 70,550,000	S -	\$ (70,550,000)	· S -	\$ ~
Water Works and Sewer Board Series 2007-A	314,890,000		(1,515,000)	313,375,000	1,595,000
Water Works and Sewer Board Series 2008-A	8,350,000		(8,350,000)		
Water Works Board Series 2009-A	99,135,000		(29,755,000)	69,380,000	2,165,000
Water Works Board Series 2009-B	31,635,000		(5,710,000)	25,925,000	6,005,000
Water Works Board Subordinate Series 2009	56,410,000		(3,730,000)	52,680,000	3,840,000
Water Works Board Series 2010-A	86,975,000		-	86,975,000	~
Water Works Board Series 2010-B	3,875,000		(1,270,000)	2,605,000	1,305,000
Water Works Board Series 2011	128,020,000		(2,470,000)	125,550,000	2,560,000
Water Works Board Subordinate Series 2011	1,810,000		(80,000)	1,730,000	85,000
Water Works Board Series 2012-A	51,205,000		(260,000)	50,945,000	265,000
Water Works Board Subordinate Series 2012	1,260,000		(55,000)	1,205,000	55,000
Water Works Board Series 2013-A	23,335,000		(90,000)	23,245,000	95,000
Water Works Board Series 2013-B	70,785,000		65	70,785,000	
Water Works Board Subordinate Series 2013	5.560,000		(225,000)	5,335,000	230,000
Water Works Board Subordinate Series 2014	615,000			615,000	25,000
Water Works Board Series 2015-A	4	100,205,000	13	100,205,000	450,000
Water Works Board Series 2015-B		75,760,000		75,760,000	660,000
	\$ 954,410,000	S 175,965,000	\$ (124,060,000)	\$1,006,315,000	\$ 19,335,000

The aggregate maturities of long-term debt at December 31, 2016, are as follows:

	Principal	Interest
Years ending December 31,		
2017	\$ 17,215,000	\$ 36,473,192
2018	20,495,000	41,161,532
2019	21,275,000	40,400,363
2020	21,805,000	39,576,979
2021	23,090,000	38,676,123
2022-2026	126,220,000	177,008,781
2027-2031	147,200,000	146,289,113
2032-2036	202,085,000	105,107,341
2037-2041	241,790,000	53,826,293
2042-2045	106,175,000	6.416.512
	\$927,350,000	\$ 684,936,229

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

Bond Discount

The following is a schedule of original issue discount, reoffering premium and amortization per issue at December 31, 2016 and 2015:

	2016	2015
Water Works and Sewer Board Series 2007-A discount		(2,554,200)
Water Works Board Series 2009-A premium		605,012
Water Works Board Series 2009-B premium	428,049	749,278
Water Works Board Series 2009 discount	-	(31,206)
Water Works Board Series 2010-A premium	3,388,719	3,795,695
Water Works Board Series 2011-premium	.20	895,212
Water Works Board Series 2012-A premium	894,575	982,924
Water Works Board Series 2013-A discount	(734,954)	(749,509)
Water Works Board Series 2013-B premium	7,866,645	8,044,638
Water Works Board Series 2015-A premium	13,548,028	13,933,941
Water Works Board Series 2015-B premium	8,020,856	8,206,007
Water Works Board Series 2016-A premium	28,605,236	2
Water Works Board Series 2016-B premium	55,071,289	
Original issue discounts and premiums	<u>\$117,088,443</u>	\$33,877,792

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

Bond discounts and premiums totaling \$117,088,443 are being amortized over the terms of the respective bonds using the effective interest method. Unamortized discounts and premiums are netted against long-term debt in the accompanying statements of net position - enterprise fund.

The Series 2007-A Water and Sewer Revenue Bonds are subject to optional redemption on or after January 1, 2017 at a redemption price equal to 100%.

The Series 2009-A Water and Sewer Revenue Bonds are subject to optional redemption on or after January 1, 2019 at a redemption price equal to 100%.

The Series 2009-B Water Revenue Bonds are not subject to optional redemption.

The Series 2009 Subordinate Water Revenue Bonds are subject to optional redemption on or after January 1, 2019 at a redemption price equal to 100%.

The Series 2010-A Water Revenue Bonds are subject to optional redemption on or after January 1, 2021 at a redemption price equal to 100%.

The Series 2010-B Water Revenue Bonds are not subject to optional redemption.

The Series 2011 Water Revenue Bonds are subject to optional redemption at any time on or after January 1, 2021, at a redemption price equal to 100%.

The Series 2012-A Water Revenue Bonds are subject to optional redemption on or after January 1, 2022 at a redemption price equal to 100%.

The Series 2013-A Water Revenue Bonds maturing in 2024 are subject to optional redemption on or after January 1, 2023 at a redemption price equal to 100%.

The Series 2013-B Water Revenue Bonds maturing in 2030 are subject to optional redemption on or after January 1, 2023 at a redemption price equal to 100%.

The Series 2015-A Water Revenue Refunding Bonds are priced to the optional redemption date of January 1, 2025 at 100%.

The Series 2015-B Water Revenue Bonds are priced to the optional redemption date of January 1, 2025 at 100%.

The Series 2016-A Water Revenue Bonds are priced to the optional redemption date of January 1, 2027 at 100%.

The Series 2016-B Water Revenue Bonds are priced to the optional redemption date of January 1, 2027 at 100%.

NOTE 5 - LONG-TERM OBLIGATIONS (CONT'D)

Bond Issue Costs

As mentioned in Note 1 to the financial statements, in accordance with GASB Statement No. 65, Items Previously Reported as Assets and Liabilities, bond issue costs, other than insurance cost, are expensed in the period incurred.

Bond Refundings

The Board issued the Series 2016-A Senior Water Revenue Refunding Bonds for the purpose of advance refunding a portion of the previously issued and outstanding Series 2009-A bonds in the amount of \$67,215,000, and advance refunding a portion of the previously issued and outstanding Series 2011 bonds in the amount of \$122,990,000. Neither the assets of the trust accounts nor this defeased indebtness are included in the accompanying statements of net position – enterprise fund.

The refunding in October 2016 resulted in an accounting loss of \$ 21,304,945 which has been capitalized in accordance with GASB Statement No. 65, and is being reported as a deferred outflow of resources and amortized using the effective interest method through 2041. The Board decreased its aggregate debt service by approximately \$38,799,874 and incurred an economic gain (the difference between the present values of the old debt service requirements and the new debt service requirements) of approximately \$22,749,369.

The Board issued the Series 2016-B and 2016-C Subordinate Water Revenue Refunding Bonds for the purpose of refunding all of the previously issued and outstanding Series 2007-A bonds in the amount of \$311,780,000, and advance refunding a portion of the previously issued and outstanding Series 2009 bonds in the amount of \$48,840,000. Neither the assets of the trust accounts nor this defeased indebtness are included in the accompanying statements of net position – enterprise fund.

The refunding in October 2016 resulted in an accounting loss of \$ 7,595,515 which has been capitalized in accordance with GASB Statement No. 65, and is being reported as a deferred outflow of resources and amortized using the effective interest method through 2043. The Board decreased its aggregate debt service by approximately \$67,063,082 and incurred an economic gain (the difference between the present values of the old debt service requirements and the new debt service requirements) of approximately \$48,710,428.

When the board defeased the previously described indebtedness, it deposited funds in certain escrow accounts sufficient to provide for the subsequent payment of principle and interest on the defeased indebtedness. Under the trust agreements, all funds deposited in the trust accounts are invested in obligations of the U.S government. Neither the assets of the trust accounts nor this defeased indebtedness are included in the accompanying statements of net position enterprise fund. The principle outstanding on this defeased indebtedness at December 31, 2016, and 2015, was approximately \$529,130,000 and \$106,215,000 respectively.

NOTE 6 - TRUSTEED FUNDS - INVESTMENTS

Restricted assets are established to the extent required by bond resolutions for the Board's longterm debt (see Note 5) and Board action. Bond proceeds, water revenue and interest income are utilized to maintain the various funds at their required levels. Amounts not needed to fund requirements may be used for any lawful purpose. Components and descriptions of the various funds, exclusive of accrued interest, are as follows at December 31, 2016 and 2015:

	2016	2015
Construction funds	\$ 26,587,820	\$ 46,020,375
Debt service funds	35,082,321	43,237,615
Development, renewal and replacement funds	1,217,060	1,208,742
Revenue funds	109,416,636	99,416,348
Debt service reserve funds	33,833,401	64,221,544
Total	\$ 206,137,238	\$ 254,104,624

Construction Funds - Construction funds account for unexpended debt proceeds and interest income thereon from the Revenue Bonds, Series 2009-A, Series 2011 and Series 2013-B.

Debt Service Funds - Debt service funds represent the principal and interest amounts for the next debt service payment due on all outstanding long-term debt.

Development, Renewal and Replacement Funds - Development, renewal and replacement funds are required for renewal and replacement of the water production, transmission and treatment facilities.

Revenue Funds - All system revenues are deposited in this fund. Monies in the Revenue Fund are applied for payment of all operating expenses. After operating expenses have been paid, remaining monies are to be used for payments into the Debt Service Fund, the Reserve Fund and the Improvement Fund, in the order named, and of such amounts required by the Trust Indenture.

Debt Service Reserve Funds - The debt service reserve funds are required to maintain one year's maximum debt service for the 2009, 2009-A, 2009-B, 2010-A, 2010-B, 2011, 2013, 2013-A, 2014, 2015-A and 2015-B. The reserve fund requirement may be satisfied, in whole or in part, with an insurance policy, surety bond or letter of credit.

Bond resolutions place certain limitations on investments permitted by the various funds.

NOTE 7 - ACCOUNTS PAYABLE AND ACCRUED EXPENSES

Accounts payable and accrued expenses are summarized as follows at December 31, 2016 and 2015:

	2016	2015
Accounts payable	\$ 11,039,338	\$ 8,639,242
Agency payables	3,315,181	2,123,573
Contract retentions	94,768	245,013
Payroll deduction payables	2,434,682	2,535,292
Accrued professional fees	117,026	146,375
Workers' compensation reserve	2,762,413	2,469,900
Landfill closure costs reserve	540,190	540,190
Other payables/accruals	114,109	114,651
	\$ 20.417,707	\$ 16.814.236

NOTE 8 - CHANGES IN AMOUNTS INVESTED IN CAPITAL ASSETS, NET OF RELATED DEBT

The changes in amounts invested in capital assets, net of related debt are summarized as follows for the years ended December 31, 2016 and 2015:

	2016	2015
Balance at beginning of the year	\$ (107,177,851)	\$ (138,334,225)
Change in capital assets	27,363,813	37,159,966
Change in related debt	88.757,828	(6,003,592)
Balance at end of the year	\$ 8,943,790	\$ (107,177,851)

NOTE 9 - EMPLOYEE BENEFIT PLANS

General Information

The Board administers one contributory single-employer defined benefit retirement plan, the Retirement Plan for Employees of the Water Works Board of the City of Birmingham (the Plan), which covers all employees of the Board and the employees who were previously employed by the Industrial Water Works Board (IWWB). The following discussion summarizes key provisions of the Plan. The Plan document should be referred to for a more detailed description of terms and assumptions. The Plan issues annual audited financial statements which may be obtained by writing to the Board at 3600 First Avenue North, P.O. Box 830110, Birmingham, Alabama 35283.

NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

The funding methods and determination of benefits payable were established by the legislative acts creating such plans and provide that the pension plan funds are to be funded from employee contributions, employer contributions, and income from the investment of accumulated funds. The cost of administering the plans is funded by the Board. The Board acts as the trustee for these plans. Separate financial statements are presented in this report for the pension funds.

Significant Accounting Policies

Basis of Accounting - The Plan's financial statements are prepared using the accrual basis of accounting.

Plan member contributions are recognized in the period in which the contributions are due. Employer contributions to each plan are recognized when due and payable in accordance with the terms of each plan.

Estimates – The preparation of financial statements prepared in conformity with generally accepted accounting principles requires the plan administrator to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results may differ from those estimates.

Deposits & Investments – Cash and cash equivalents include cash on hand, demand deposits, savings accounts, and short-term investments with maturities of three months or less at the time of purchase. The Plan's investments are stated at fair value. Quoted market prices are used to value investments. Investment transactions are recorded on the trade date. Realized gains and losses from sales of securities are determined using the average cost basis. In accordance with the provisions of the Plan to state investments at market value, net unrealized appreciation or depreciation for the year is reflected in the statement of changes in pension net position.

Plan Description

The Retirement Plan for Employees of the Water Works Board of the City of Birmingham (the Plan) is a single employer defined benefit pension plan formed by the Water Works Board of the City of Birmingham (the Board) to provide retirement benefits to eligible employees. The plan was established in 1951 and was funded under a group annuity contract issued by Metropolitan Life Insurance Company. In 1962, the Plan was amended and restated and all future benefits were funded through a trust fund. The Plan was amended and restated as of January 1, 1976, January 1, 1981, January 1, 1984, and January 1, 1989. Effective January 1, 2009, the Plan was further amended and restated to comply with any and all Federal laws and regulations applicable to the Plan.

NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

Accumulated plan benefits are those future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits under the Plan are based on employees' compensation during their last ten years of credited service. The accumulated plan benefits for active employees are based on their average compensation during the five years ending on the date as of which the benefit information is presented (the valuation date). Benefits payable under all circumstances – retirement, death, disability, and termination of employment – are included, to the extent they are deemed attributable to employee service rendered to the valuation date. Benefits to be provided via annuity contracts excluded from Plan assets are excluded from accumulated plan benefits.

Benefits Provided

A participant retiring at his normal retirement date is entitled to a benefit, payable in monthly installments equal to one-twelfth of the participant's accrued retirement income, which is calculated as the result of (a) minus (b) minus (c) where:

- (a) equals 2% of the final average earnings (as defined by the Plan) determined as of the date of calculation multiplied by the number of years and monthly fractions of continuous service to the date of calculation, and
- (b) equals the individual paid-up benefits, payable under the group annuity contract with Metropolitan Life Insurance Company prior to January 1, 1992, for active participants in the Plan as in effect on January 1, 1962, and
- (c) equals the accrued retirement income attributed to any prior period of service credited for an employee who has been re-employed by the Board after a break in service.

The Plan also provides adjusted benefits, in the case of early retirement, deferred retirement, death or disability of participant. Benefit provisions are established and may be amended by the Board.

Contributions

The contribution requirements of the plan members are established and may be amended by the Board. Plan members were required to contribute seven percent (7%) of their annual covered salary in 2016 and 2015. In 2014, the Board established a new funding policy, whereby it would contribute the employer's normal cost plus the unfunded actuarial accrued liability that is based on an effective amortization period, of approximately 16 years, determined based on a contribution schedule increasing 4% per year. The Board contributed \$5,082,832 and \$4,709,350 for the years ended December 31, 2016 and 2015, respectively. Administrative costs of the Plan are financed through investment earnings.

NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

Membership Data

At December 31, 2016, the most recent measurement date of the net pension liability, membership data for the pension plan is as follows:

Retired participants and beneficiaries	294
Vested terminated participants	5
Active participants	_600
	899

Plan Fiduciary Net Position

The Plan issues a stand-alone financial report, where detailed information about its fiduciary net position is available. See page 41 for the address where the report can be obtained.

Net Pension Liability

The net pension liability (NPL) is the difference between the "Total Pension Liability" (TPL) and the plan's "fiduciary net position" (FNP). The total pension liability (TPL) is the present value of pension benefits that are allocated to current members due to past service by entry age normal actuarial cost method. The TPL includes benefits related to projected salary and service, and automatic cost of living adjustments (COLA's). In addition, ad hoc COLAs are also included in the TPL to the extent they are substantively automatic. The FNP is determined on the same basis used by the pension plan. The Board's net pension liability was measured as of December 31, 2016 and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date.

Net Pension Liability	
Measurement Date	12/31/16
Total Pension Liability	\$177,392,816
Fiduciary Net Position	129,550,806
Net Pension Liability	\$ 47,842,010
Plan Fiduciary Net Position as a	
percentage of Total Pension Liability	73.03%

Schedule of Changes in Net Pension Liability

The Changes in Net Pension Liability Plan for the fiscal year ended December 31, 2016, are as follows:

NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

Change in Net Pension Liability	Total Pension Liability		Plan Fiduciary Net Position	Net Pension Liability	
Service Cost	S	4,020,819	4	S	4,020,819
Interest on Total Pension Liability		12,467,773	÷ 1		12,467,773
Change in Benefit Terms			+		
Difference Between Expected and Actual		(642,645)	9		(642,645)
Experience		30.00			
Employer Contribution		· ·	5,082,832		(5,082,832)
Employee Contributions		1.0	2,881,884		(2,881,884)
Pension Plan Net Investment Income		1 -	3,948,011		(3,948,011)
Assumption Changes		-	-		
Benefit Payments, including Refunds		(9,380,217)	(9,380,217)		
Administrative Expense		-3.0	(283,769)		283,769
Net Change		6,465,730	2,248,741		4,216,989
Net Pension Liability Beginning		170,927.086	127,302,065	-	43,625,021
Net Pension Liability Ending	\$	177,392.816	129,550,806	\$	47,842,010

Discount Rate

The discount rate used to measure the total pension liability was 7.50%. The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rates (as a percentage of pay) and that employer contributions will be made in accordance with the current funding policy of paying contributions starting with \$4,500,000 for Fiscal 2014, increasing by 4% per year for future years, until the Plan is fully funded, after which point contributions will be reduced to the actuarially determined normal cost including expected administrative expenses. Based on those assumptions, the 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. For the prior year, the discount rate was 7.50%.

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

The following presents the net pension liability of the Board, calculated using the discount rate of 7.50%, as well as what the Plan's net pension liability would be if it were calculated using a discount rate that is one-percentage-point lower (6.50%) or one-percentage-point higher (8.50%) than the current rate:

Sensitivity	1% Decrease 6.50%%	Discount Rate 7.50%	1% Increase 8.50%	
Plan's net pension liability	\$60,335,451	\$47,842,010	\$29,804,888	

NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

Pension Expense and Schedule of Deferred Outflows and Inflow of Resources

For the fiscal year ended December 31, 2016, the Board recognized pension expense of \$7,878,864. Deferred outflows of resources and deferred inflows of resources reported by the Board at December 31, 2016, are as follows:

	Deferred Outflows of Resources		Deferred Inflow Resources
Differences between expected and actual experience	\$ -	\$	579,663
Changes of assumptions	1,980,714		-
Net difference between projected and actual	10,436,297	_	
Total	\$ 12,417,011	\$	579,663

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions at December 31, 2016 will be recognized in pension expense as follows:

Years ended December 31,	Retirement Plan
2017	\$3,357,319
2018	\$3,357,319
2019	\$3,357,319
2020	\$1,351,928
2021	\$246,897
Thereafter	\$166,566

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NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

Assumptions and Other Data

Schedule of Assumptions	Retirement Plan				
Valuation Date	December 31, 2016				
Actuarial Cost Method	Entry Age Normal				
Amortization Method	Effective amortization based on contribution schedule				
Amortization Period	14.0 Years				
Asset Valuation Method	Market value of assets less unrecognized returns beginning with the January 1, 2009 valuation.				
Investment Rate of Return	7.50%				
Inflation	3.25%				
Salary increases	3.25% - 13.25%, based on years of service				
Mortality Rates	Mortality rates for active and terminated vested participants were based on the sex-distinct RP-2014 Employee Mortality Table, projected generationally with Scale MP2015 from 2014.				
	Mortality rates for healthy annuitants were based on the sex-distinct RP-2014 Healthy Annuitant Mortality Table with rates multiplied by 1.25, projected generationally with Scale MP2015 from 2014.				
	Mortality rates for disabled annuitants were based on the sex-distinct RP-2014 Disabled Retiree Mortality Table with rates multiplied by 1.25, projected generationally with Scale MP2015 from 2014.				

The actuarial assumptions used in the December 31, 2016 measurements were based on the results of an experience study for the period January 1, 2009 to December 31, 2013.

The long-term expected rate of return on pension 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 asset allocation as of December 31, 2016 are summarized in the following table:

NOTE 9 - EMPLOYEE BENEFIT PLANS (CONT'D)

Asset Class	Target Allocation	Long-term Expected Real Rate of Return
Domestic Equity	55%	6.8%
Core Fixed Income	33%	1.8%
Alternatives	10%	11.6%
Cash Equivalents	2%	1.2%
Total	100%	

NOTE 10 - OTHER POSTEMPLOYMENT BENEFITS PLAN

Plan Description

The Board sponsors a single-employer other postemployment benefit plan (OPEB). The OPEB provides for medical and dental insurance coverage to eligible retirees and their dependents as indicated below:

Eligibility: Participants who are retired and receiving a pension under The Water Works Board of the City of Birmingham Pension Plan or disabled with at least two years of service are eligible for coverage under the OPEB. Benefits are generally available at the earliest of the following:

- a. 30 years of service
- b. The later of age 52 and 20 years of service
- c. The later of age 54 and 10 years of service

Benefit Types: Life, medical and prescription drug benefits are provided to all eligible retirees. Dental and vision benefits are provided only to under age 65 retirees. Dependents of eligible retirees are granted the same benefits as the retiree, with the exception of life insurance coverage, which is not available to dependents.

Duration of Coverage: Coverage is available for eligible participants from the date of retirement until death. When the participant reaches age 65, health benefits will change to Medicare, with the OPEB covering premiums for Medicare Supplemental insurance. Retirees with less than 25 years of service as of January 1, 2008 are not eligible for Post-65 coverage.

Dependent Coverage: Benefits are payable to a spouse of an eligible retiree for the spouse's lifetime, regardless of when the retiree dies. When the dependent reaches age 65, health benefits will change to Medicare, with the OPEB covering premiums for Medicare Supplemental insurance. Spouses of retirees with less than 25 years of service as of January 1, 2008 are not eligible for Post-65 coverage.

NOTE 10 - OTHER POSTEMPLOYMENT BENEFIT PLANS (CONT'D)

At December 31, 2016, the most recent actuarial valuation date, the OPEB had 245 retired participants and beneficiaries receiving benefits. The OPEB had a total of 603 active participants.

In June 2004, the GASB issued Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits (OPEB) other than Pensions. GASB Statement No. 45 establishes standards for the measurement, recognition and disclosure of OPEB expenses and related liabilities and is effective for the Board for the year ended December 31, 2008. Under this statement, all state and local governmental entities that provide other postemployment benefits (OPEB) are required to report the cost of these benefits on their financial statements. The Board implemented GASB Statement No. 45 prospectively.

The statement covers postemployment benefits of health, prescription drug, dental, vision and life insurance coverage for retirees; long-term care coverage, life insurance and death benefits that are not offered as part of a pension plan; and long-term disability insurance for employees. These benefits, referred to as OPEB, are typically financed on a pay-as-you-go basis. The new standard introduces an accrual-basis accounting requirement; thereby recognizing the employer cost of postemployment benefits over an employee's career. The standard also introduces a consistent accounting requirement for both pension and nonpension benefits.

The total cost of providing postemployment benefits is projected, taking into account assumptions about demographics, turnover, mortality, disability, retirement, health care trends and other actuarial assumptions. This amount is then discounted to determine the actuarial present value of the total projected benefits (APB). The actuarial accrued liability (AAL) is the portion of the present value of the total projected benefits allocated to years of employment prior to the measurement date. The unfunded actuarial accrued liability (UAAL) is the difference between the AAL and actuarial value of assets in the Plan.

Once the UAAL is determined, the ARC is determined as the normal cost (the APB allocated to the current year of service) and the amortization of the UAAL. This ARC is compared to actual contributions made, and any difference is reported as the net OPEB obligation (NOO). In addition, required supplementary information (RSI) must be reported, including historical information about the UAAL and the progress in funding the Plan.

Funding Policy - The Board made an initial funding of the OPEB trust of \$4,000,000 in 2009. In addition, the Board funded the actuarial required contribution (ARC) to the OPEB in 2011. It is the intention of the Board to fund the ARC on an annual basis as it is determined. Currently, retirees and employees are not required to contribute to the OPEB.

NOTE 10 - OTHER POSTEMPLOYMENT BENEFITS PLAN (CONT'D)

Annual OPEB Cost and Net OPEB Obligation

The Board's OPEB cost is calculated based on the ARC calculated using the projected unit credit method, an allowable cost method under GASB Statement No. 45. The ARC is the basic annual expense recognized under GASB Statement No. 45 that is projected to cover normal cost each year and to amortize any unfunded actuarial liabilities over a period not to exceed 30 years, which is the amortization period used by the Plan. The following table shows the components of the Board's OPEB cost for the years ended December 31, 2016 and 2015, the amount actually contributed to the Plan and the changes in the Board's net OPEB obligation to the Plan:

	2016	2015
Annual required contribution	\$ 1,442,113	\$ 2,001,009
Interest on net OPEB obligation	(332,355)	(336,766)
Adjustment to annual required contribution	365,185	343,900
Annual OPEB cost	1,474,943	2,008,143
Contributions made	(1,431,787)	(1,949,329)
Change in net OPEB obligation	43,156	58,814
Net OPEB obligation, beginning of the year	_(4,431,399)	_(4,490,213)
Net OPEB (asset) obligation, end of the year	<u>\$ (4,388,243</u>)	<u>\$ (4,431,399)</u>

The Board's annual OPEB cost, the percentage of annual OPEB cost contributed to the plan and the net OPEB obligation for fiscal years 2016 and 2015 were as follows:

Year Ended		Annual OPEB Cost	Actual Employer contribution	Percentage Contributed	Net Ending OPEB (Asset) Obligation			
12/31/2016	\$	1,474,943	\$ 1,431,787	97.1%	\$	(4,388,243)		
12/31/2015	\$	2,008,143	\$ 1,949,329	97.1%	\$	(4,431,399)		
12/31/2014	\$	1,984,421	\$ 1,978,720	99.7%	\$	(4,490,213)		

Funded Status and Funding Progress

As of December 31, 2016, the most recent actuarial valuation date, the OPEB was 83% funded. The actuarial accrued liability was \$32,640,156, and the actuarial value of assets was \$26,939,994, resulting in an unfunded actuarial accrued liability of \$5,700,162. Covered payroll was approximately \$40.6 million, resulting in unfunded actuarial accrued liability as a percentage of covered payroll of 14.05%.

NOTE 10 - OTHER POSTEMPLOYMENT BENEFITS PLAN (CONT'D)

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, mortality and the healthcare cost trend. Amounts determined regarding the funded status of the OPEB 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. The schedule of pension funding progress and employer contributions, presented as required supplementary information following the notes to the basic financial statements, presents multiyear trend information about whether the actuarial value of OPEB assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

The accompanying Schedules of OPEB Funding Progress Employer Contributions, Net OPEB Obligation, and Employer Contributions present trend information about the amounts contributed to the OPEB by employers in comparison to the ARC, an amount that is actuarially determined in accordance with the parameters of GASB Statement No. 45. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal cost for each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed 30 years.

Actuarial Methods and Assumptions

The information presented above was determined as part of the actuarial valuation at the date indicated. Projections of benefits for financial reporting purposes are based on the substantive plan (the OPEB as understood by the employer and 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 the 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. Additional information as of the latest actuarial valuation follows:

Valuation Date Actuarial Cost Method Asset Valuation Method Amortization Method Mortality

Discount Rate/Investment Return Projected Salary Increases Inflation Rate January 1, 2017
Unit Credit
Market Value
Closed, 25-year level percent of payroll
Healthy - RP-2014 Mortality Table.
Disabled - RP-2014 Disabled Retiree
Mortality Table
7.50% per annum
3.00% - 11.00%, based on years of service
2.75% per annum

NOTE 10 - OTHER POSTEMPLOYMENT BENEFITS PLAN (CONT'D)

Health Care Cost Rates

Under 65 combined Medical and Vision cost trend rate for - 6.50% graded to 4,50% over 4 years

Over 65 combined Medical and Vision cost trend rate - 7.00% graded to 4.50% over 7 years

Drug cost trend rate - 10.50% graded to 4.50% over 12 years

Dental cost trend rate - 4.00%

NOTE 11 - DEFERRED COMPENSATION PLAN

The Board offers its employees a deferred compensation plan created in accordance with Internal Revenue Code Section 457. The plan is available to all employees and permits them to defer a portion of their salary until future years. The deferred compensation is not available to employees until termination, retirement, death or unforeseeable emergency.

All amounts of compensation deferred under the plan, all property and rights purchased with those amounts and all income attributable to those amounts, property or rights (until paid or made available to the employee or other beneficiary) are solely the property and rights of the participating employees. In accordance with GASB Statement No. 32, Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans, the deferred compensation assets and liabilities are not recorded in the accompanying statements of net position - enterprise fund.

NOTE 12 - COMMITMENTS AND CONTINGENCIES

Litigation - The Board is a party to various lawsuits and claims arising in the normal course of System business. While the results of litigation cannot be predicted with certainty, management believes that the outcome of such litigation will not have a material adverse effect on the Board's financial position or results of operations.

Self-Insurance. The Board is self-insured for workers' compensation claims up to \$500,000 per occurrence in a 12-month liability period. Claims in excess of \$500,000 are covered by an excess insurance policy. Provision is made in the financial statements for estimates of both reported claims and claims incurred but not reported.

The Board is self-insured for active and retired employees' health care coverage up to \$150,000 per covered employee during a calendar year. Claims in excess of \$150,000 are covered by an excess health policy. Provision is made in the financial statements for estimates of both reported claims and claims incurred but not reported.

NOTE 12 - COMMITMENTS AND CONTINGENCIES (CONT'D)

Both of these estimates are actuarially determined using details of historical activity provided by the Board's claims administrators. The following is a reconciliation of changes in the aggregate liabilities for self-insured workers' compensation and health care coverage claims for the years ended December 31, 2016 and 2015. The end of year accrual is included in accrued expenses in the accompanying statements of net position - enterprise fund.

	2016	2015
Beginning of the year accrual	\$ 2,469,900	\$ 2,958,313
Claims expense	12,123,047	9,179,336
Claims paid	(11,688,250)	(9,667,749)
End of the year accrual	\$ 2,904,697	\$ 2,469,900

At December 31, 2016, commitments for capital expenditures totaled approximately \$10.4 million.

NOTE 13 - AGENCY AGREEMENTS

The Board, in an agreement with Jefferson County, Alabama (the County) and as provided by State of Alabama law, collects service charges for use of the County sewer disposal system from the Board's water customers as a separate item on the Board's water bills. The Board remits weekly to the County all sewer service charges collected, and it bills the County for the cost of collecting such charges which, under the agreement with the County, includes a portion of the Board's general overhead expense. Sewer service charges have been collected for the County by the Board since 1962. The Board has similar agreements with the City of Hoover (Hoover), South West Water and Alabama Utilities. The liability for unremitted collections under these agency agreements is included in accounts payable in the accompanying statements of net position - enterprise fund. The amounts charged under these agency agreements are reflected as reductions in operating expenses in the accompanying statements of revenues, expenses and changes in net position - enterprise fund.

The Board also bills its customers a State of Alabama utility tax based on a percentage of revenues. The funds collected are remitted to the State monthly. The liability for unremitted collections to the State is included in general taxes payable in the accompanying statements of net position - enterprise fund.

NOTE 13 - AGENCY AGREEMENTS (CONT'D)

Following is a summary of amounts received and disbursed and costs of collecting charges billed under the agency agreements described above for the year endedDecember 31, 2016:

	Sewer Charges	State of Alabama Utility Taxes
Amounts received:		
Jefferson County	\$ 153,034,464	
City of Hoover	3,318,405	
SouthWest Water	6,501,409	
GUSC Moody	1,404,785	
Phoenix	268,968	
State of Alabama - utility taxes		\$ 6,584,317
Total amounts received	164,528,031	6,584,317
Amounts disbursed:		
Jefferson County	151,657,364	
City of Hoover	3,477,968	
SouthWest Water	6,512,194	
GUSC Moody	1,419,844	
Phoenix	269,052	
State of Alabama - utility taxes	31,307,0	6,565,857
Total amounts disbursed	163,336,422	6,565,857
Receipts less disbursements	1,191,609	18,460
Balance at beginning of the year	2,123,572	371.868
Balance at end of the year	\$ 3,315,181	\$ 390,328
Cost of collecting charges billed:		
Jefferson County	\$ 4,325,417	
City of Hoover	\$ 173,309	
SouthWest Water	\$ 294,426	
Alabama Utilities/Moody	\$ 57,135	
Phoenix	\$ 8,974	

NOTE 13 - AGENCY AGREEMENTS (CONT'D)

Following is a summary of amounts received and disbursed and costs of collecting charges billed under the agency agreements described above for the year ended December 31,2015:

	Sewer Charges	State of Alabama Utility Taxes
Amounts received:		
Jefferson County	\$ 149,179,322	
City of Hoover	3,849,626	
SouthWest Water	7,066,961	
GUSC Moody	1,405,411	
Phoenix	314,657	
State of Alabama - utility taxes		\$ 5,753,666
Total amounts received	161,815,977	5,753,666
Amounts disbursed:		
Jefferson County	148,297,723	
City of Hoover	3,870,140	
SouthWest Water	7,020,546	
GUSC Moody	1,490,095	
Phoenix	314,696	
State of Alabama - utility taxes		5,809,812
Total amounts disbursed	160,993,200	5,809,812
Receipts less disbursements	822,777	(56,146)
Balance at beginning of the year	1,300,795	428,014
Balance at end of the year	\$ 2,123,572	\$ 371,868
Cost of collecting charges billed:		
Jefferson County	\$ 4,009,513	
City of Hoover	\$ 161,567	
SouthWest Water	\$ 295,011	
Phoenix	\$11,768	
Alabama Utilities	\$ 61,457	

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF CHANGES IN THE NET PENSION LIABILITY AND RELATED RATIOS

Last 3 Fiscal Years

	2016	2015	2014
Total Pension Liability	204	7. 3.44.17.44	
Service cost	\$ 4,020,819	\$ 4,031,007	\$ 3,923,555
Interest on total pension liability	12,467,773	11,758,667	11,172,426
Change in benefit terms	-	3	
Difference between expected and			
actual experience	(642,645)	(23,124)	995,470
Assumption changes		2,640,952	
Benefit payments, including refunds	(9,380,217)	(8,525,285)	(8,024,529)
Net change in total pension liability	6,465,730	9,882,217	8,066,922
Total pension liability- beginning	170,927,086	161,044,869	152,977,947
Total pension liability- ending (a)	\$177,392,816	\$170,927,086	\$ 161,044,869
Plan Fiduciary Net Position			
Employer contributions	5,082,832	4,709,350	7,246,003
Employee contributions	2,881,884	2,740,313	2,798,057
Pension plan net investment income	3,948,011	(396,188)	9,136,639
Benefit payments, including refunds	(9,380,217)	(8,525,285)	(8,024,529)
Administrative expense	(283,769)	(348,393)	(337,198)
Net change in plan fiduciary net position	2,248,741	(1,820,203)	10,818,972
Plan fiduciary net position - beginning	127,302,065	129,122,268	118,303,296
Plan fiduciary net position - end (b)	\$ 129,550,806	\$127,302,065	\$129,122,268
Board's net pension liability -			
ending (a)-(b)	<u>\$ 47,842,010</u>	\$ 43,625,021	\$ 31,922,601
Plan fiduciary net position as a percentage			
of the total pension liability	73.03%	74.48%	80.18%
Covered employee payroll	\$ 38,854,522	\$ 37,771,701	\$ 36,473,189
Net position liability as a percentage of covered employee payroll	123.13%	115.50%	87.52%

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF EMPLOYER CONTRIBUTIONS

Last 3 Fiscal Years

Year Ended December 31	Actuarially Determined Contributions		Determined		Re	ntributions in lation to the Actuarially Determined ontributions		ontribution Deficiency (Excess)		Covered Employee Payroll	Contributions as a Percentage of Covered Employee Payroll
2016 2015 2014	\$ \$ \$	4,867,200 4,680,000 4,500,000	\$ \$ \$	5,082,832 4,709,350 7,246,003	\$ \$ \$	(215,632) (29,350) (2,746,003)	\$ \$.\$	40,567,065 38,854,522 37,771,701	12.53% 12.12% 19.18%		
Notes to Schedul	e										
Validation date					Actuarial determined contribution rate is calculated using a January 1st valuation date as of the beginning of the fiscal year in which contributions are reported.						
Actuarial cost mo	ethod				Entr	y Age Normal	Co	st Method			
Amortization me	thod				Effective amortization period determined based contribution schedule increasing 4% per beginning with contribution of \$4,500,000 for 201						
Remaining amor	tizatio	n period			14.0 years remaining as of January 1, 2016						
Asset valuation method					Market value of assets less unrecognized returns beginning with the January 1, 2009 valuation. Unrecognized return is equal to the difference between the actual market return and the expected return on the market value, and is recognized over a five-year period, further adjusted, if necessary, to be within 20% of the market value.						
Investment rate of return					estin recer judg appr and	net investmer nate derived nt market ment. As par oach was used anticipated ri	from export of the isk	m historical pectations, f the analysis at reflects inf premiums for	tion is a long-term data, current and and professional s, a building block flation expectations or each portfolio's arget allocation.		
Inflation rate	ion rate					3.25%					
Projected salary i	ncrea	ses			3.25% - 13.25%, based on years of service						
Cost of living adj	of living adjustments					N/A					

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULES OF OPEB FUNDING PROGRESS AND NET OPEB OBLIGATION

-	Actuarial Valuation Date	V	2.50		f Assets Unit Credit		Unfunded/ AL (UAAL) (b-2)	Funded Ratio (a/b)		Covered Payroll (millions) (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)
	1/1/2017	S	26,939,994	S	32,640,156	S	5,700,162	82.5%	S	40,567,065	14.05%
	1/1/2016	\$	25,181,083	S	32,627,191	S	7,446,108	77.2%	S	36,824,712	20,22%
	1/1/2015	\$	25,289,600	S	37,349,879	S	12,060,279	67.7%	S	37,771,701	31.93%
	1/1/2014	\$	23,647,205	\$	36,123,818	S	12,476,613	65.5%	\$	36,473,189	34.21%
	1/1/2013	\$	20,055,130	S	47,632,657	S	27,577,527	42.1%	S	36,969,463	74.60%
	1/1/2012	\$	15,049,878	5	44,693,825	S	29,643,947	33.7%	S	37,403,410	79.25%
	12/31/2010	\$	11,875,713	\$	43,539,055	S	31,663,342	28.03%	\$	36,225,354	84.41%
	12/31/2009	\$	7,426,358	S	41,189,353	\$	33,762,995	18.03%	\$	34,135,746	98.91%
	12/31/2008		Yal day you a	5	41,127,249	\$	41,127,249	0%	\$	33,069,690	124,37%

NET OPEB OBLIGATION (NOO)

Actuarial Valuation Date	Fiscal Year End	Annual Required Contribution (ARC)		nterest on isting NOO (b)	A	ARC djustment (c)		Annual OPEB Cost (a)+(b)+(c) (d)	c	Annual ontribution Amount (e)		Net Increase Decrease) in NOO (d)-(e) (f)		NOO as of Valuation Date (g)
01/01/2016	12/31/2016	\$ 1,442,113	S	(332,355)	s	365,185	S	1,474,943	S	1,431,787	S	43,156	S	(4,388,243)
01/01/2015	12/31/2015	\$ 2,001,009	S	(336,766)	S	343,900	5	2,008,143	S	1,949,329	5	58,814	S	(4,431,399)
01/01/2014	12/31/2014	\$ 1,989,582	S	(337,194)	5	332,033	S	1,984,421	5	1,978,720	S	5,701	S	(4,490,213)
01/01/2013	12/31/2013	\$ 3,641,437	S	(541,042)	S	515,086	5	3,615,481	5	897,502	S	2,717,979	S	(4,495,914)
01/01/2012	12/31/2012	\$ 3,700,336	\$	(450,553)	S	415,691	S	3,665,474	S	4,871,996	S	(1,206,522)	5	(7,213,893)
12/31/2010	12/31/2011	\$ 3,573,518	5	(366,876)	S	328,737	S	3,535,379	S	4,651,072	S	(1.115,693)	\$	(6,007,371)
12/31/2009	12/31/2010	\$ 3,633,377	\$	(245,795)	5	214,313	S	3,601,895	S	5,216,314	S	(1,614,419)	5	(4,891,679)
12/31/2008	12/31/2009	\$ 4,318,418	\$	72,976	S	(62,027)	5	4,329,367	\$	8,579,643	\$	(4,250,276)	\$	(3,277,260)

SCHEDULE OF EMPLOYER CONTRIBUTIONS

Fiscal Year End		Annual Required ontribution	Percentage Contributed
12/31/16	\$	1,442,113	99.28%
12/31/15	S	2,001,009	97.42%
12/31/14	S	1,989,582	99.45%
12/31/13	\$	3,641,437	24.65%
12/31/12	\$	3,700,336	131.66%
12/31/11	\$	3,573,518	130.15%
12/31/10	\$	3,633,377	143.57%
12/31/09	\$	4,318,418	198.68%
12/31/08	\$	2,749,554	64.60%

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF LONG-TERM DEBT For the year ended December 31, 2016

_			Series 2009-/	Bonds		-			Series 20	009-B		
Maturity Date	Rate	_	Principal	Interest	_	Total	Rate		Principal	Interest	_	Total
2017	5.000	S	2,275,000	302,125	5	2,577,125	5.000	5	6,310,000	838,250	S	7,148,250
2018	5.000		2,390,000	185,500		2,575,500	5,000		6,635,000	514,625		7,149,625
2019	5.000		2,515,000	62,875		2,577.875	5,000		6,975,000	174,375		7,149,375
2020	-		00000	2.00		-	- "		3.00			100
2021			16-17	-1								
2022	Sec. 1					-	-					-
2023	9		-			-	11.00		~			
2024									2			-
2025			~									200
2026	4			-								-
2027						0						-
2028							10		× .			
2029			8	-			-					-
2030	11.6			-			+		-			-
2031	200					-						-
2032									-			
2033	100								-			-
2034	8								teri .			-
2035												-
2036	2			6								
2037			100						100	100		
2038	0					-						2
2039	14		2.0	-					6			=
2040			9.			-			2			-
2041	-					100			0			0-0
2042	W.		w.						-			-
2043			2							11		
2044	5		-			-			-	-		-
2045	0			Acres de la constante de la co		-						-
Total			7,180,000	550,500		7,730,500			19,920,000	1,527,250		21,447,250
Bond												
(discount) premium			-						428,049			
Promote		-						-				
		3	7,180,000					3	20,348,049			

Advance-		Series 2010-A	Ronds			Series 2010-1	3 Bonds	
Maturity Date	Rate	Principal	Interest	Total	Rate	Principal	Interest	Total
2017		5	4,239,713	\$ 4,239,713	2,926	\$ 1,300,000	22,510	\$ 1,322,510
2018		3	4,239,713	4,239,713	- 15/454	1967.234.20	3.00-10	9 19000000
2019			4,239,713	4,239,713				3
2020	5.000	6,890,000	4.067,463	10,957,463	-			7
2021	5.000	7,240,000	3.714,213	10,954,213				
2022	5.000	7,615,000	3,342,838	10,957,838				
2023	5.000	8,000,000	2,952,463	10,952,463				
2024	5.000	8,410,000	2,542,213	10,952,213	- 2	-		
2025	4.000	8,835,000	2.125,388	10,960,388	2			
2026	5.000	9,270,000	1,687,063	10,957,063				
2027	5.000	9,745,000	1.211,688	10,956,688	-			
2028	5.000	10,245,000	711,938	10,956,938			100	
2029	4.250	10,725,000	227,906	10,952,906				
2030								
2031		~						
2032	9	~		-	-		100	
2033			200		3.			
2034			~					
2035			100					
2036					-			
2037			100		100			
2038							100	
2039							15	
2040								
2041								
2042 2043			-		- 5			
2044								
2045								
Total		86,975,000	35,362,312	122.277,312		1,300,000	72,510	1 322 510
Bond		201-1010	34104	2000.1965		71-0-10-0	raja.	1,000
(discount)								
premium		1,388.719						
		\$ 90,363,719				1,300,000		

Rute Principal Interest Total Rate Principal Interest	Series 2012-A Bonds							
4.802	Total							
4,000 3,950,000 79,000 	\$ 2.272,550 4,022,775 4,022,600 4,022,000 4,022,000 4,022,750 4,025,100 4,021,100 4,028,883 4,022,100 4,025,188 4,025,188 4,024,944 4,023,753 4,023,753 4,023,222 4,023,800							
14.515,000 1.676.207 16.191,207 50.680,000 19,995,933	4,029,000							
[4,515,000	-							
14,515,000 1.676,207 16,191,207 50,680,000 19,995,933								
[4,515,000] [1,676,207] [16,191,207] 50,680,000 [19,995,933]								
14,515,000 1,676,207 16,191,207 50,680,000 19,995,933								
[4,515,000] 1.676.207 [6,191,207] 50,680,000 [9,995,933]								
[4,515,000] 1,676,207 [6,191,207] 50,680,000 [19,995,933]								
19,515,000 1.676,207 16,191,207 50,680,000 19,995,933								
	200							
	70,675,933							
894,575								
\$ 14,515,000								
<u> </u>								

-		Series 2011 Subor	dinate Bonds			Series 2012 Subor	dinate Bonds	
Maturity Date	Rare	Principal	Interest	Total	Rate	Principal	Interes	Total
2017	3.100	\$ 90,000	49,600	\$ 139,600	2,900	\$ 55,000	32,553	\$ 87,553
2018	3.100	90,000	46,810	136,810	2,900	60,000	30,886	90,886
2019	3.100	95,000	43,943	138,943	2,900	60,000	29,146	89.146
2020	3.100	95,000	40.998	135,998	2.900	65,000	27,333	92,333
2021	3.100	000,001	37.975	137,975	2.900	65,000	25,448	90,448
2022	3.100	100,000	34.875	134,875	2.900	65,000	23,563	88,563
2023	3.100	105,000	31,698	136,698	2.900	70,000	21,605	91,605
2024	3.100	110,000	28,365	138,365	2,900	70,000	19,575	89,575
2025	3.100	110,000	24,955	134,955	2.900	70,000	17,545	87,545
2026	3.100	115,000	21,468	136,468	2,900	75,000	15,443	90,443
2027	3.100	120,000	17,825	137,825	2.900	75,000	13,268	88.268
2028	3.100	125,000	14,028	139,028	2.900	80,000	11,020	91,020
2029	3.100	125,000	10,153	135,153	2.900	80,000	8,700	88.700
2030	3.100	130,000	6,200	136,200	2.900	85,000	6,308	91,308
2031	3.100	135,000	2,093	137,093	2.900	85,000	3,842	88,842
2032	20.200	722,000	2002	1231032	2.900	90,000	1,305	91,305
2033					2,700	30,000	4,000	Lativas
2034							2	
2035								
2036								
2037							0	
2038				_			2	
2039			7			~ ~		
2040						0		
2041								
2042							3	
2043	00						4	
2044			-	-		-		
2045				4				
Total		1,645,000	410,986	2,055,986		1,150,000	287,540	1.437.540
Bond								
(discount)								
premium		_				-		
		\$ 1,645,000				\$ 1,150,000		

Galactic Control		Series 201	3-A Bonds			Series 2013-	B Bonds	
Maturity Date	Rate	Principal	Interes	Total	Have	Principal	Interest	1 mar
2017	2,000	\$ 95,000	861,175	\$ 956,175	5,000	\$ -	3,539,250	\$ 3,539,250
2018	2,000	75,000	859,475	934,475	5.000		3,539,250	3,539,250
2019	3.000	100,000	857,225	957,225	5.000		3,539,250	3,539,250
2020	3,000	100,000	854,225	954,225	5.000		3,539,250	3,539,250
2021	3,000	105,000	851,150	956,150	5.000		3,539,250	3,539,250
2022	3.000	110,000	847,925	957,925	5.000		3,539,250	3,539,250
2023	3,000	110,000	844,625	954,625	5.000		3,539,250	3,539,250
2024	3.000	115,000	841,250	956,250	5.000		3,539,250	3,539,250
2025	3.000	120,000	837,725	957,725	5.000		3,539,250	3,539,250
2026	3.000	120,000	834,125	954,125	5.000		3,539,250	3,539,250
2027	3.000	125,000	830,450	955,450	5.000		3,539,250	3,539,250
2028	3.250	130,000	826,462	956,462	5.000		3,539,250	3,539,250
2029	3.250	135,000	821,987	956,987	5.000		3,539,250	3,539,250
2030	3.250	140,000	817,175	957,175	5.000	3,580,000	3,449,750	7,029,750
2031	3.250	145,000	812,187	957,187	5.000	3,765,000	3,266,125	7,031,125
2032	3.250	150,000	807,025	957,025	5.000	3,955,000	3.073,125	7,028,125
2033	3.500	155,000	801,687	956,687	5.000	4,160,000	2,870,250	7,030,250
2034	3.500	160,000	795,975	955,975	5.000	4,370,000	2.657,000	7,027,000
2035	3.500	165,000	789,881	954,881	5.000	4,595,000	2,432,875	7,027,875
2036	3.500	170,000	783,600	953,600	5.000	4,830,000	2,197,250	7,027,250
2037	3.500	180,000	777,037	957,037	5.000	5,080,000	1.949,500	7,029,500
2038	3.750	5,155,000	677.006	5,832,006	5,000	5,340,000	1.689,000	7,029,000
2039	3,750	125,000	578,006	703,006	5.000	5,615,000	1,415,125	7,030,125
2040	3.750	130,000	573,225	703,225	5.000	5,905,000	1,127,125	7,032,125
2041	3.750	135,000	568,256	703,256	5.000	6,205,000	824,375	7,029,375
2042	3.823	4,430,000	481,050	4,911,050	5.000	6,525,000	506,125	7,031,125
2043	3.786	10,470,000	198,187	10,668,187	5,000	6,860,000	171,500	7,031,500
2044	5.540	(2011/24523)	3924907	206531341	(50,50)	(SASSACE)	27 14020	(4)+34-21
2045								
l'otal		23,150,000	20,428,096	43,578,096		70,785,000	73,039,375	144,424,375
Bond								
(discount)								
premium		(714,954)				1,866,645		
		\$ 22,415,666				\$ 78,651,645		

Date 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750	Principal \$ 240,000 245,000 255,000 260,000 265,000 275,000 280,000	137,088 130,419 123,544 116,462 109,244 101,819	* 377,088 375,419 378,544 376,462 374,244	2.450 2.450 2.450 2.450 2.450	Principal \$ 25,00 25,00 25,00	0 13,8 0 13,2	42 38. 30 38.
2018 2019 2020 2021 2022 2023 2024 2025 2026	2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750	245,000 255,000 260,000 265,000 275,000 280,000	130,419 123,544 116,462 109,244 101,819	375,419 378,544 376,462 374,244	2,450 2,450	25,00 25,00	0 13,8 0 13,2	42 38. 30 38.
2018 2019 2020 2021 2022 2023 2024 2025 2026	2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750 2.750	245,000 255,000 260,000 265,000 275,000 280,000	130,419 123,544 116,462 109,244 101,819	375,419 378,544 376,462 374,244	2,450 2,450	25,00 25,00	0 13,8 0 13,2	42 38. 30 38.
2019 2020 2021 2022 2023 2024 2025 2026	2,750 2,750 2,750 2,750 2,750 2,750 2,750 2,750	255,000 260,000 265,000 275,000 280,000	123,544 116,462 109,244 101,819	378,544 376,462 374,244	2,450	25,00	0 13,2	30 38.
2020 2021 2022 2023 2024 2025 2026	2,750 2,750 2,750 2,750 2,750 2,750 2,750	260,000 265,000 275,000 280,000	116,462 109,244 101,819	376,462 374,244				
2021 2022 2023 2024 2025 2026	2.750 2.750 2.750 2.750 2.750	265,000 275,000 280,000	109,244	374.244	2.720		0 12,6	18 37.0
2022 2023 2024 2025 2026	2.750 2.750 2.750 2.750	275,000 280,000	101,819		2,450	25,00		
2023 2024 2025 2026	2.750 2.750 2.750	280,000	101,019	376,819	2,450	30,00		
2024 2025 2026	2.750 2.750		94,188	374,188	2,450	30,00		
2025 2026	2.750		86,350	376,350	2.450	30,00		
2026		290,000	78,237	378,237	2.450	30,00		
	7 750	300,000	69,919	374,919	2,450	30,00		
	2.750	305,000	61,394	376,394	2,450	30,00		
	2.750	315,000						
2028	2.750	325,000	52,594	377,594	2,450 2,450	30,00		
2029	2.750	330,000	43,588	373,588		35,00		
2030	2.750	340,000	34,375	374,375	2,450	35,00		
2031	2.750	350,000	24,888	374,888		35,00		
2032	2.750	360,000	15,125	375,125		35,00		
2033	2.750	370,000	5,087	375,087		35,00		
2034						40,00		
2035						40,00	9	80 40,
2036								
2037							5 1	
2038								
2040		2						
2041							3.	
2042								
2042								
2043			,					
2045		,						
		5 102 000	1.001.701	7.350.331		200.00	0 100.0	70 746
Total		5,105,000	1,284,321	6,399,321		590,00	0 156,0	57 746,
Bond								
(discount)								
premium						_	-	
		\$ 5,105,000				3 590,00	0	

7/1 × 2		Series 2015-1	Bonds					Series 2015-	A Bonds		
Manurity Date	Rate	Principal	Interest	_	Total	kate		Principal	Interest	_	Total
2017	3.000	\$ 465,000	4.866,400	5	5.331.400	3.000	S	685,000	3,532,600	5	4,217,60
2018	3.000	480,000	4,852,225		5,332,225	3.000		300,000	3,517,825		3,817,83
2019	3.000	495,000	4,837,600		5,332,600	3.000		285,000	3,509,050		3,794,0
2020	3.000	505,000	4,822,600		5,327,600	3.000		735,000	3,493,750		4,228,7
2021	4.000	3,320,000	4.748,625		5,068,625	4.000		830,000	3,466,125		4,296,1
2022	5.000	3,470,000	4,595,475		8,065,475	5.000		860,000	3,428,025		4,288,0
2023	5.000	3,650,000	4,417,475		8,067,475	5,000		910,000	3,383,775		4,293,7
2024	5.000	3,840,000	4,230,225		8,070,225	5.000		955,000	3,337,150		4,292,1
2025	5,000	4,030,000	4,033,475		8,063,475	5.000		985,000	3.288,650		4,273.6
2026	5.000	4,240,000	3,826,725		8,066,725	5.000		1.040,000	3,238,025		4,278,0
2027	3.000	700,000	3,710.225		4,410,225	3.000		995.000	3.197,100		4,192,
2028	3.000	720,000	3,688,925		4,408,925	3.000		1,035,000	3,166,650		4,201,6
2029	3.125	740,000	3,666,563		4,406,563	3.125		1,080,000	3,134,250		4,214,3
2030	5.000	6,180,000	3,500,500		9,680,500	3,250		1,950,000	3,085,688		5,035,6
2031	5.000	5,660,000	3,204,500		8,864,500	5.000		1,965,000	3.004,875		4,969,
2032	5.000	2,060,000	3,011,500		5,071,500	5.000		2,205,000	2,900,625		5,105,0
2033	5.000	2,165,000	2,905,875		5,070.875	5.000		2,410,000	2,785,250		5.195.
2034	5.000	2,275,000	2,794,875		5,069,875	5,000		2,935,000	2,651.625		5,586,6
2035	5.000	6,680,000	2,571,000		9,251,000	5.000		2,930,000	2,505,000		5,435.0
2036	5.000	7,020,000	2,228,500		9,248,500	4.599		3,115,000	2,360,125		5,475,
2037	5.000	7,385,000	1,868,375		9,253,375	4.600		3,255,000	2,213,563		5.468.5
2038	5,000	2,765,000	1,614,625		4,379,625	4,590		3,400,000	2,060,594		5,460,5
2039	5,000	8,160,000	1,341,500		9,501,500	4.593		3,550,000	1.901.031		5,451,0
2040	5,000	8,575,000	923,125		9,498,125	4.721		5,385,000	1,692,375		7.077.
2041	5.000	9,015,000	483.375		9,498,375	5.000		5,650,000	1,424,000		7.074.0
2042	5.000	5,160,000	129,000		5,289,000	5,000		5,940,000	1,134,250		7.074.3
2043	2.000	3,100,000	122,000		3,207,000	5.000		6,245,000	829,625		7.074.6
2044						5.000		6,565,000	509,375		7,074,3
2045						5.000		6,905,000	172,625		7.077.0
Total		99,755,000	82,873,288	-	182,628,288	2.000		75,100,000	74,923,601	_	150,023.6
was a											
Bond											
discount) premium		13.548,028						8,020,856			
edu sousi,		Y 3 7 7 7					TY)				
		\$ 113.303,028					2_	83,120,656			

		Series 2016-A	Bonds		Series 2016-B Bonds							
Maturity Date	Rate	Principal	Interest	Total	Rate	Principal	Interest	Total				
2017		\$ -	5,201,086	\$ 5.201,086		\$	9,866,429	\$ 9.866,429				
2018			7.012,700	7,012,700			13,303,050	13,303,050				
2019		3-1-1	7,012,700	7,012,700		20	13,303,050	13,303,050				
2020	5.000	2,365,000	6,953,575	9,318,575			13,303,050	13,303,050				
2021	5.000	=	6,894,450	6,894,450		1.00	13,303,050	13,303,050				
2022	5,000	3,025,000	6,818,825	9,843,825			13,303,050	13,303,050				
2023	5.000	3,185,000	6,663,575	9,848,575	5.000	1,870,000	13,256,300	15,126,300				
2024	5.000	3,350,000	6,500,200	9,850,200	5.000	6,090,000	13,057,300	19,147,300				
2025	5.000	3,520,000	6,328,450	9,848,450	5.000	6,405,000	12,744,925	19,149,925				
2026	5.000	3,700,000	6,147,950	9,847,950	5.000	2,535,000	12,521,425	15,056,425				
2027	5.000	7,595,000	5,865.575	13,460,575	5.000	2,660,000	12,391,550	15,051,550				
2028	5.000	7,990,000	5,475,950	13,465,950	5.000	2,795,000	12,255,175	15,050,175				
2029	5.000	8,395,000	5,066,325	13,461,325	5.000	2,935,000	12,111,925	15,046,925				
2030	5.000	4,560,000	4,742,450	9,302,450	5.000	12,940,000	11,715,050	24,655,050				
2031	5.000	4,790,000	4,508,700	9,298,700	5,000	13,605,000	11,051,425	24,656,425				
2032	5.000	9,765,000	4,144,825	13,909.825	5,000	14,310,000	10,353,550	24,663,550				
2033	5.000	10,270,000	3,643,950	13,913.950	5.000	15,045,000	9,619,675	24,664,675				
2034	4.000	10,735,000	3,172,500	13,907,500	5.000	16,595,000	8,911,650	25,506,650				
2035	4.000	11,175,000	2,734,300	13,909,300	5.000	16,460,000	8,188,300	24,648,300				
2036	4.000	11,635,000	2,278,100	13,913,100	5.000	17,235,000	7,413,475	24,648,475				
2037	4.000	12,110,000	1,803,200	13,913,200	5.000	18,055,000	6,598,000	24,653,000				
2038	4.000	12,605,000	1,308,900	13,913,900	5.000	18,945,000	5,712,375	24,657,375				
2039	4.000	13,125,000	794,300	13,919,300	5.000	19,885,000	4,782,625	24,667,625				
2040	4.000	6,515,000	401,500	6,916,500	5,000	20,865,000	3,806,550	24,671,550				
2041	4.000	6,780,000	135,600	6,915,600	5.000	21,895,000	2,782,025	24,677,025				
2042	1.000	21,001000	122,000	20,121000	5,000	22,970,000	1.706,725	24,676,725				
2043					5.000	24,105,000	578,050	24,683,050				
2044		-			-5.55	3.0000	5,000	a december				
2045		-										
Total		157,190,000	111,609,686	268,799,686		278.200,000	257,939,754	536,139,754				
Bond												
(discount)												
premium		28,605,236				55,071,289						
		\$ 185,795,236				\$ 333,271,289						

-		Serie	s 2016-C Bonds				_	Aggregate De	bt Service	_	
Maturity Date	Rate	Principal	Interest	_	Total	Raze		Principal	Interest		Total
2017	3.000	\$ 2,700.0	00 435,845	5	3,135,845	-	5	17.215,000	36,473,192	\$	53,688,19
2018	3.000	5,305,0		-	5,849,218			20,495,000	41,161,532		61,656,5
2019	3.000	5,395,0			5,864,137			21,275,000	40,400,363		61.675.3
2026	3.000	5,470,0			5,849,530			21,805,000	39,576,979		61,381,9
2021	4,000	5,575,0			5,850,212			23.090,000	38,676,123		61,766.1
2022	5,000	5,695,0			5,852,380			23,765,000	37,706,417		61,471,4
2023	5,000	3,970.0			4,017,481			24,830,000	36,635,843		61,465,8
2024	2,000	445 1414	472111		- Mariana			26,020,000	35,456,900		61,476,5
2025								27,245,000	34,208,888		61,453,8
2026								24,360,000	33,000,733		57,360,
2027								25,395,000	31.836.206		57,231,
2028								26,615,000	30,631,074		57,246,0
2029								27,835,000	29,407,083		57,242,0
2030								33,315,000	28,012,830		61,327,8
2031						- 2		34,040,000	26,401,920		60,441
2032								36,575,000	24,690,978		61,265,5
2033								38,400,000	22,868,392		61,268,3
2034								41,060,000	21.064,585		62,124,5
2035								42,045,000	19,222,336		61,267,3
2036								44,005,000	17,261,050		61,266,0
2037								46,065,000	15,209,675		61.274,6
2038								48,210,000	13,062,500		61,272.5
2039								50,460,000	10,812,587		61,272,5
2040								47,375,000	8,523,900		55,898.9
2041								49,680,000	6,217,631		55,897,6
2042								45,025,000	3,957,150		48,982,1
2043								47,680,000	1,777,362		49,457,3
2044								6,565.000	509,375		7,074,3
2045								6,905,000	172,625		7,077,6
Total		34,110.0	2 308.803	-	36,418.803		-	927,350,000		-	
		34.110.0	2,108,003		30,418.003			927,330,000	684,936,229		1,612,286,2
Bond discount)											
premium			<				5	117,088,443			
		5 34,110,0	00				\$	1.044,438,443			

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF CHANGES IN UTILITY PLANT ASSETS For the year ended December 31, 2016

	Asset Account											
Account Reference			Balance as of December 31, 2015		Plant Additions		Plant Retirements		alance as of ecember 31, 2016			
	Utility plant in service: Land and land rights:											
103110	Reservoirs	5	3,280,021	\$		S		S	3,280,021			
103115	Other sources of supply		1,188,285			49	b.	480	1,188,285			
103110	Power and pumping		6,455,092						6,455,092			
103125	Purification		2,284,564						2,284,564			
103130	Transmission		65,724				(161,335)		(95,611			
103135	Distribution reservoirs and standpipes		734,720		-		1101,0007		734,720			
103140	Distribution		5,616,919		10,000		-		5,626,919			
103145	General land		1,114,253				_		1,114,253			
103150	Office		3,807,488		187.907				3,995,395			
103155	Stores, shop and garage		744,648		-		-		744,641			
103160	Miscellaneous		11,827,011	_		_	(2,692)	_	11,824,319			
	Total land and land rights		37,118,725		197,907		(164,027)		37,152,605			
	Structures and improvements:											
103210	Collecting and impounding reservoirs		13,602,208		933,983				14,536,19			
103215	Lake, river and other intakes		26,597,437		703,979		(6,324,096)		20,977,320			
103220	Infiltration galleries and tunnels		182,665		13				182,663			
103225	Other water sources		1,981,662		J. Harris		-		1,981,663			
103230	Power and pumping		13,623,473		1,391,946				15,015,419			
103235	Purification building		34,976,860		1,524,406		(1,090,572)		35,410,694			
103240	Distribution reservoirs and standpipes		60,919,350		8,327,923		(149,536)		69,097,737			
103245	Office		22,208,546		1,074,419		3		23,282,965			
103250	Stores, shop and garage		4,618,036		60,750		-		4,678.786			
103255	Miscellaneous	_	18,828,936	-	2,135,283	-	(5.923,277)	-	15,040,942			
	Total structures and improvements		197,539,173	1	6,152,689	(13,487,481)		200,204,381			

			Accumulated	d Deprec	lation				
	alance as of ecember 31, 2015	Depreciation		Retirements			alance as of ecember 31, 2016		et Balance as of ecember 31, 2016
S	-	5	-	S	-	S	-	S	3,280,021
	-		-		-				1,188,285
	1.00						-		6,455,092
	-				-				2,284,564
	-		50		4		× .		(95,611)
	-		-		-				734,720
	-		-		-		~		5,626,919
	-						-		1,114,253
	-		-		-		100		3,995,395
	-		-		-		-		744,648
_		_		_	- 2	_	-	-	11,824,319
	(-2)		11-2		-		-		37,152,605
	8,182,475		494,394				8,676,869		5,859,322
	4,088,107		184,877		-		4,272,984		16,704,336
	133,779		753		74		134,532		48,133
	494,129		57,530				551,659		1,430,003
	6,925,657		391,522		-		7,317,179		7,698,240
	15,655,237		1,204,858		-		16,860,095		18,550,599
	22,286,127		1,497,147				23,783,274		45,314,463
	10,863,179		668,704		7		11,531,883		11,751,082
	2,404,048		149,940		2		2,553,988		2,124,798
_	8,240,084	-	554.388	-		-	8,794,472	-	6.246,470
	79,272,822		5,204,113		-		84,476,935		115,727,446

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF CHANGES IN UTILITY PLANT ASSETS (CONT'D) For the year ended December 31, 2016

		_			Asset	Accou	ut		
Account Reference		Decem	ce as of ber 31,		Plant Additions	_6	Plant letirements		Balance as of December 31, 2016
	Equipment:								Test 100
103310	Boiler		177,196	\$		2		5	177,196
103315	Other power production equipment		447,833		1.5				447,833
103320	Steam pumping		423,108				vo 100 2000		423,108
103323	Electric pumping	30,	510,697		7,752,027		(1,346,726)		36,915,998
103325	Oil engine pumping equipment		24,648		To Min		Secretary Secretary		24,648
103327	Other power pumping		330,492		46,440		(1.925,368)		451,564
103330	Purification system		576,111		194,651		(e)		25,770,762
103332	Chemical treating plant - sewer		021,896		621,851		(7,133,481)		32,510,266
103333	Clean water basins	19,	132,298						19,132,298
103335	Filter plant	127,	343,910		25,522,479		(19,001,827)		133,864,562
103340	Softening plant		6,813				2		6,813
103345	Transmission mains and accessories	130.	008,647		19,136,561				149,145,208
103350	Distribution mains and accessories	294.	982,791		23,884,626		(16,639,981)		302,227,436
103355	Services	80.	064,374		10,756,513		(16,225,915)		74,594,972
103360	Meters	49,	722,950		5,143,825		(5,466,279)		49,400,496
103365	Hydrants	26,	390,426		2,284,873		(1,574,397)		27,100,902
103370	Office furniture and equipment	31.	069,892		21,081,036		(1,176,201)		50,974,727
103375	Transportation	12.	175,233		1,777,642		(521,686)		13,431,189
103380	Stores		33,920		3,276		-		37,196
103383	Shop		198,268		1,890		-		200,158
103385	Laboratory	2,	559,849		180,688		(7.029)		2,733,508
103387	Tool and work	11.	714,950		2,404,815				14,119,765
103390	Communication	13.	623,652		1,306,881		(1,427,451)		13,503,082
103393	Miscellaneous	8.	592,619		1,089,391		(2,016,864)		7,665,146
103395	Other tangible property		22,025		-		-		22,025
	Utility plant not in service		-	_		1	:	_	
	Total equipment	906,	154,598	_	123,189,465	-2	(74,463,205)	_	954,880,858
	Total utility plant in service	1,140,	812,496	()	139,540,061		(87,953,378)	1	1,192,399,179
	Construction in progress	41,	447,875	-	18,737,171	_	(20,478,371)	-	39,706,675
	Total utility plant	S 1,182	260,371	5	158,277.232	5	(108,431,749)	\$ 1	1,232,105,854

Balance as of December 31, 2015		Depreciation		Retirements		Balance as of December 31, 2016		Net Balance as of December 31, 2016	
s	177,196	5	3	S		5	177,196	5	12
	148,998		22,492		0		171,490		276,343
	423,108		- F. C. L. L. L.		~		423,108		A 31 7 40
	16,320,797		1.100,898		9		17,421,695		19,494,303
	21,237		146				21,383		3,265
	438,764		(172,050)				266,714		184,850
	9,285,365		547,636				9,833,001		15,937,761
	14,578,281		555,227		8		15,133,508		17,376,758
	4,047,391		440,094		-		4,487,485		14,644,813
	17,607,604		2,408,785		-		20,016,389		113,848,173
	4,018		80		~		4,098		2,715
- 2	22,776,143		1,458,291				24,234,434		124,910,774
	94,589,950		3,928,863		\times		98,518,813		203,708,623
	15,986,872		1,126,728		8		17,113,600		57,481,372
	17,495,599		1,633,243		(18,885)		19,109,957		30,290,539
	8,782,132		474,288				9,256,420		17,844,482
	16,872,810		2,417,613		(263,248)		19,027,175		31,947,552
	8,978,806		552,251		(417,907)		9,113,150		4,318,039
	32,468		537		*		33,005		4,191
	198,268		139		-		198,407		1,751
	2,177,634		72,074		4.00		2,249,708		483,800
	8,656,380		702,555		(6,047)		9,352,888		4,766,877
	10,325,122		429,236		8		10,754,358		2,748,724
	5,495,917		123,184		~ 1		5,619,101		2,046,045
	22,025		-		9		22,025		100
_	-	_	-	-	-	-	-	-	
2	75,442,885	_	17,822,310	-	(706,087)	_	292,559,108		662,321,750
35	54,715,707		23,026,423		(706,087)		377,036,043		815,201,801
			-	_		_	-		39,706,675
4 3	54,715,707	\$	23,026,423		(706.087)	S	377,036,043	5	855,069,811

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULES OF OPERATING EXPENSES For the years ended December 31, 2016 and 2015

	2016	2015
Operations:		
Sources of supply other	\$ 1,734,041	\$ 1,635,689
Power and pumping	9,686,333	9,684,218
Purification	11,601,421	10,244,618
Transmission and distribution	12,537,087	9,728,408
Customer's accounting and collection	6,417,631	7,166,586
Administrative and general	30,184,673	38,813,773
Payroll taxes	2,615,809	2,500,327
License fees - Birmingham	1,961,511	1,876,715
License fees - other	2,254,811	2,169,071
Total operations	78,993,317	83,819,405
Maintenance:		
Source of supply	434,833	489,335
Power and pumping	1,869,422	2,316,420
Purification	870,380	906,990
Transmission and distribution	9,702,540	8,508,477
Administrative and general	3,645,931	2,794,955
Total maintenance	16.523,106	15,016,177
Depreciation expense	23,026,421	24,370,094
Total operating expenses	\$118,542,844	\$123,205,676

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM STATEMENTS OF NONOPERATING REVENUES (EXPENSES) For the years ended December 31, 2016 and 2015

	2016	2015
Other income:		
Investment interest income	\$ 3,104,538	\$ 2,710,021
Other interest income	12,082	10,195
Land and timber sales	12,812	3
Commissions and other	468,787	151,827
Gain (loss) on disposal of property	(287,427)	(615,271)
Total other income	3,310,792	2,256,772
Interest expense:		
Interest on long-term debt and long-term obligations due To the City of Birmingham, including amortization of accounting loss on	An Anishina	Acres de Arres
advance refunding and original issue discount	(47,245,265)	(46,992,602)
Interest paid on customers' guarantee deposits	(3.679)	(3,321)
Total interest expense	(47,248,944)	(46,995,923)
Total nonoperating revenues (expenses)	<u>\$ (43,938,152)</u>	\$ (44,739,151)

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF AMOUNTS ON DEPOSIT WITH TRUSTEE BY FUND December 31, 2016

Fund Type	Fair Market Value	Accrued Interest	Carrying Value
Construction funds	\$ 26,587,820	\$	\$ 26,587,820
Revenue funds	109,427,000	453,011	109,880,011
Debt service funds	35,082,321	49,575	35,131,896
Debt service reserve funds	33,833,401	307,291	34,140,692
Development, renewal and replacement funds	1,206,696	28	1,206,724
	\$ 206,137,238	\$ 809,905	\$ 206,947,143

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF MAJOR INDUSTRIAL/GOVERNMENTAL CUSTOMERS (UNAUDITED)

Customer	Revenues	% Total of Operating Revenue
University of Alabama at Birmingham	\$ 9,516,485	5.50%
Birmingham Housing Authority	4,965,437	2.87%
US Steel	2,877,750	1.66%
City of Birmingham	1,998,755	1.16%
Brookwood Hospital Medical Center	1,740,109	1.01%
Samford University	1,549,207	0.90%
Barber's Pure Milk Company	1,426,163	0.82%
Coca Cola Bottling Co.	1,424,660	0.82%
Graysville Water Co.	1,405,434	0.81%
Buffalo Rock Co.	1,311,427	0.76%
	\$ 28,215,427	16.31%

THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM SCHEDULE OF INSURANCE POLICIES (UNAUDITED)

Coverage Period November 1, 2015 to November 1, 2016

Type of Coverage	Policy No.	Deductible	Policy Limits	
Property:				
Primary property (TIV - \$5,532,686,791):	B0621F43121013	\$250,000	\$50,000,000	
Dams and structures		250,000	50,000,000	
Flood and earthquake		250,000	50,000,000	
Equipment breakdown coverage		250,000	50,000,000	
Contractors' equipment		10,000	5,374257	
Accounts receivable		500	5,000,000	
Contingent business income (named)		24 Hours	10,000,000	
Contingent business income (unnamed)		211000	5,000,000	
Auto physical damage (No over the road coverage)		5,000	5,000,000	
Excess property (Excludes		5,000	5,000,000	
Flood/Earthquake)	NHT394336	50M	(TIV) 482,686,791	
Primary Liability:	PEP G24891574 006			
General liability	344 /45 /83 444 / 459	100,000	10,000,000	
Public Officials liability		100,000	10,000,000	
Employment practice liability		100,000	10,000,000	
Employee benefit liability		100,000	10,000,000	
Automobile liability		50,000	10,000,000	
Uninsured/Underinsured motorist		50,000	250,000	
		50,000	10,000,000	
Hired and non-owned liability		30,000	10,000,000	
Excess Liability	1822402	\$10,000,000	\$10,000,000	
Pollution	PEC002469902	250,000	5,000,000	
Fiduciary	106202793	\$25,000	\$3,000,000	
Commercial Crime	106202793			
Employee theft		20,000	1,000,000	
Forgery or Alteration		20,000	1,000,000	
Inside premises - theft of money/securities		5,000	350,000	
Inside premises - robbery/burglary		5,000	350,000	
Outside premises		5,000	350,000	
Computer fraud		20,000	1,000,000	
Funds transfer fraud		20,000	1,000,000	
Money orders and counterfeit money		5,000	350,000	
Cyber	ASD15B000782	50,000	5,000,000	
Excess Cyber	B0621PWAT02714	5,000,000	5,000,000	
Specific Excess Worker Compensation				
and Workers Comp Liability	SP 4053941	500,000	Statutory \$2,000,000	



INDEPENDENT AUDITOR'S 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 of The Water Works Board of the City of Birmingham Birmingham, Alabama

We have audited, 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, the accompanying financial statements of the business-type activities of the Water Works Board of the City of Birmingham ("the Board"), as of and for the year ended December 31, 2016, and the related notes to the financial statements, which collectively comprise the Board's basic financial statements, and have issued our report thereon dated June 30, 2017. Our report includes a reference to other auditors who audited the financial statements of the Retirement Plan for Employees of the Water Works Board of the City of Birmingham and the Other Post Employment Benefit Plan of the Water Works Board of the City of Birmingham ("the Plans") as described in our report on the Board's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of the Plans were not audited in accordance with Government Auditing Standards.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the 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 Board's internal control. Accordingly, we do not express an opinion on the effectiveness of the 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 to those charged with governance.



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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 may not have been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Board'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 results of that testing, and not to provide an opinion on the effectiveness of 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.

June 30, 2017

Banks, Findy, White & Co.