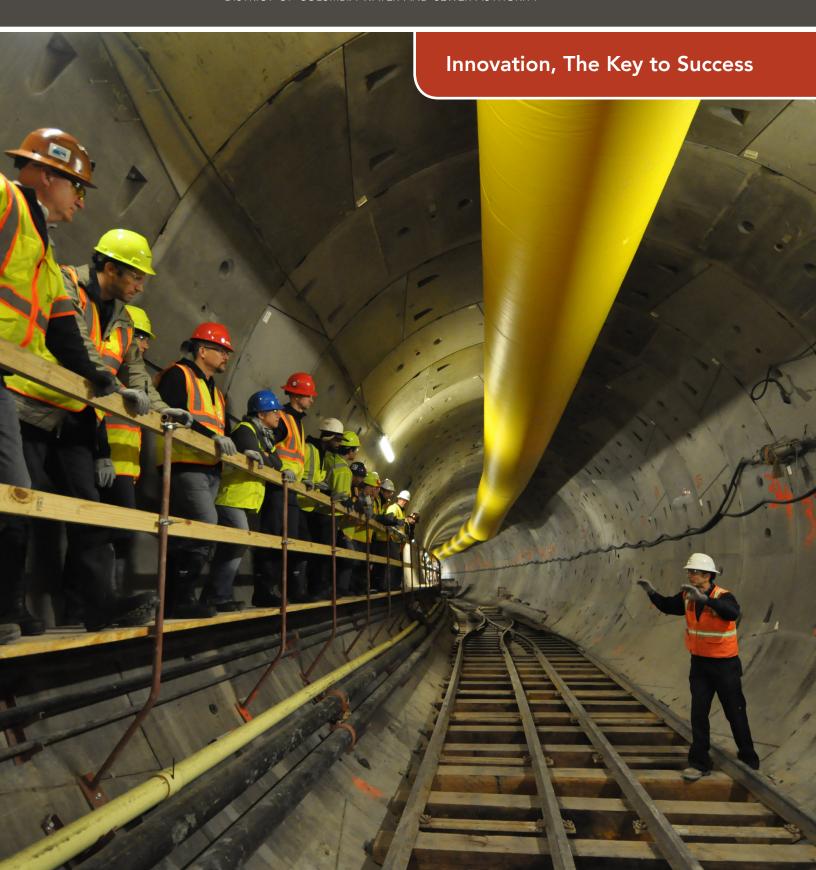


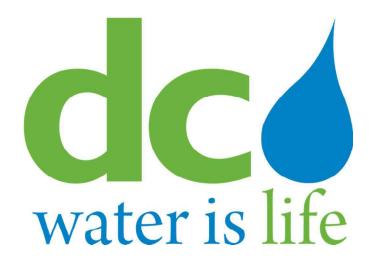
Comprehensive Annual Financial Report

Fiscal Years Ended September 30, 2017 and 2016

George S. Hawkins, CEO and General Manager Matthew T. Brown, Chief Financial Officer

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY





FY 2017

District of Columbia Water and Sewer Authority

Comprehensive Annual Financial Report

Fiscal Years Ended September 30, 2017 and 2016

Prepared by: Department of Finance, Accounting and Budget

Matthew T. Brown, Chief Financial Officer

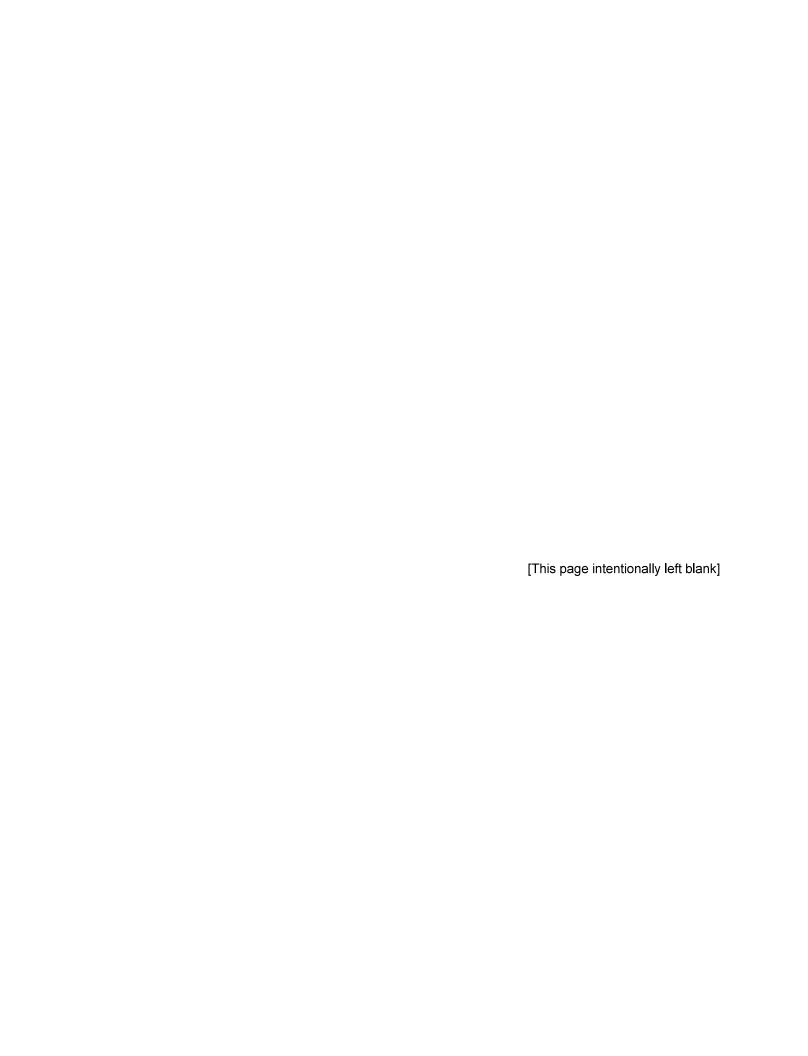
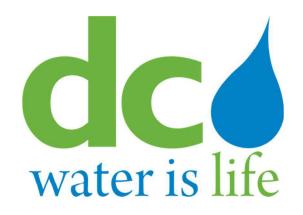


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Introductory Section (Unaudited)

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DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY | 5000 OVERLOOK AVENUE, SW | WASHINGTON, DC 20032

January 31, 2018

Board of Directors
District of Columbia Water and Sewer Authority
5000 Overlook Avenue, S.W.
Washington, D.C. 20032

Dear Members of the Board:

I am pleased to present the District of Columbia Water and Sewer Authority's ("DC Water" or the "Authority") Comprehensive Annual Financial Report ("CAFR") for the fiscal year ended September 30, 2017. The Authority's financial statements were prepared in accordance with U.S. generally accepted accounting principles ("GAAP"), as promulgated by the Governmental Accounting Standards Board ("GASB") and audited by a firm of independent certified public accountants retained by DC Water. In accordance with the Authority's enabling legislation, DC Water is required to perform an annual audit of its financial statements and submit it to the District of Columbia's Mayor, Chief Financial Officer, and District Council.

Responsibility for the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with DC Water's management. To the best of my knowledge and belief, the information contained in this report is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the Authority. All disclosures necessary for the reader to gain an understanding of DC Water's financial activity have been included.

DC Water's management is responsible for establishing and maintaining an internal control structure designed to ensure that its assets are adequately safeguarded against loss, theft, or misuse and to maintain accurate and reliable financial records for the preparation of financial statements and the representations made by management. The internal control structure is designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that: 1) the cost of internal controls should not exceed the benefits derived from the controls; and 2) the evaluation of costs and benefits requires management's exercise of judgment. To the best of my knowledge and belief, DC Water's internal accounting controls adequately safeguard its assets and provide reasonable assurance of the proper recording of financial transactions in accordance with GAAP.

KPMG LLP, Certified Public Accountants, has been retained by DC Water to serve as its independent auditors and has issued an unmodified ("clean") opinion on DC Water's financial statements for the

years ended September 30, 2017 and 2016. The independent auditors' report is located at the front of the financial section of this report.

GAAP requires that management provide a narrative introduction, overview and analysis to accompany the basic financial statements in the form of Management's Discussion and Analysis ("MD&A"). This letter of transmittal is designed to supplement the MD&A and should be read in conjunction with it. DC Water's MD&A is located immediately following the independent auditors' report.

Overview of DC Water

DC Water provides retail drinking water distribution and wastewater conveyance and treatment services to approximately 681,000 residential, commercial and governmental customers in the District of Columbia, and wholesale wastewater conveyance and treatment services to approximately 1.6 million users in Montgomery and Prince George's Counties in Maryland, and Fairfax and Loudoun Counties in Northern Virginia.

DC Water is governed by a Board of Directors consisting of eleven principal and eleven alternate members who represent the District of Columbia, Montgomery and Prince George's Counties in Maryland, and Fairfax County in Virginia. The Mayor of the District of Columbia appoints, and the District Council confirms, all District Board members, including the Chairperson. In addition, the Mayor appoints the five principals and five alternate members who represent the surrounding jurisdictions based on submissions from those jurisdictions. DC Water may only take action on policy matters after it receives a favorable vote of no less than six members of the Board of Directors. All Board members participate in decisions directly affecting the general management of the joint-use facilities. Only the District of Columbia Board members participate in matters that affect District ratepayers.

In the early history of the District, there were separate sewer, water and sanitation departments. Over the years, DC Water underwent several name and organizational changes, while remaining committed to its core mission. Between 1935 and 1938, DC Water operated as the District of Columbia Department of Sanitary Engineering. It was during this time that the first sewage treatment plant at Blue Plains was constructed. In the early 1970s, DC Water was known as the District of Columbia Department of Environmental Services. Later, in 1985, DC Water became a part of the District of Columbia Department of Public Works.

In 1996, the regional participants in DC Water's service area, including the District of Columbia, Montgomery and Prince George's Counties in Maryland, Fairfax and Loudoun Counties in Virginia, and the United States Congress agreed to create an independent, multi-jurisdictional water and wastewater authority from its predecessor agency. In April 1996, the Council of the District of Columbia passed the "Water and Sewer Authority Establishment and Department of Public Works Reorganization Act of 1996 (as amended)" (the "Act"), a statute that established DC Water as an operationally, financially, and legally independent authority on October 1, 1996.

In accordance with the Act, the District authorized DC Water to use all of the property and assets related to its water distribution and wastewater treatment and conveyance services and transferred to DC Water any liabilities that were directly attributable to those assets. The District has retained full legal title to these assets. The assets will remain under the control of DC Water for as long as any revenue bonds remain outstanding.

The Act also requires DC Water to establish rates, fees and other charges for all services provided by DC Water. These rates, fees and charges, in addition to certain wholesale wastewater treatment contracts, are projected to generate revenues adequate to pay all of the costs of operating DC Water. DC Water's rate setting powers are not subject to the oversight of, or regulation by, the District or any other agency or authority.

DC Water's service area below is approximately 725 square miles and covers the District of Columbia, most of Montgomery and Prince George's Counties, and portions of Fairfax and Loudoun Counties.



Accounting and Budget Processes

Basis of Accounting

The financial statements of the Authority have been prepared in conformity with U.S. generally accepted accounting principles ("GAAP") as applicable to governmental entities. The Governmental Accounting Standards Board ("GASB") is the accepted primary standard-setting body for establishing governmental accounting and financial reporting standards. DC Water prepares its financial statements using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recognized when earned, and expenses are recognized when incurred, regardless of the timing of the related cash flows.

Financing Policies

The primary objective of DC Water's financing policies is to ensure that its financial practices result in high quality investment-grade bond ratings to achieve the lowest cost of capital necessary to finance DC Water's capital improvement program. Under its Master Indenture of Trust, DC Water is legally obligated to maintain 1.2 times debt service coverage on its senior lien debt and establish an operating reserve fund equal to 60 days of operations and maintenance costs (O&M). By policy, the Board has established more conservative financial targets and is committed to maintaining 1.4 times debt service coverage on its senior lien debt and an operating cash reserve requirement equivalent to the greater of 120 days of O&M or \$125.5 million. In addition, DC Water has established policies for utilizing any operating surplus for funding pay-as-you-go capital expenditures (Pay-Go) or contributing to the Rate Stabilization Fund (RSF).

Budgetary Control

Budgetary control begins with the preparation of annual operating and capital budgets, which are developed on an expenditure basis. After a comprehensive review process by the Board's Finance and Budget, Environmental Quality and Sewerage Services, Water Quality and Water Services, and DC Retail Water and Sewer Rates Committees, the budget is approved by the Board of Directors. DC Water's financial management system is designed to prevent overspending of the budget without appropriate approvals. The Budget Department prepares monthly management reports for each operating unit as well as for the Board of Directors and its various committees. The reports are reviewed and acted upon each month to ensure DC Water complies with its authorized budget.

Annual Budget Process

After approval by the Board, DC Water is required to submit its annual operating and capital budgets to the District for inclusion in the Mayor's annual budget. The Mayor's budget is in turn submitted to the District Council for its review and comment. Importantly, neither the Mayor nor District Council has the authority to modify or revise the annual budgets of DC Water. The District

then includes DC Water's budget as an enterprise fund as part of its own budget submission to the U.S. Congress for approval.

Economic Condition and Outlook

Washington, D.C., is not only known as being the nation's capital, but it is also an international city with a vibrant tourist industry and business climate. The U.S. Census Bureau estimated that there were 681,170 residents in Washington, D.C. in 2016, an increase of 1.3% from the same period of the prior year. The Washington Metropolitan Region has a population of more than 6.1 million individuals and is the sixth largest metropolitan area in the country.

The District's economic base is driven by the federal and local governments as well as diplomatic embassies and international organizations. The federal civilian workforce in the District averaged 236,947 employees, while thousands more are estimated to work elsewhere in the metropolitan area. The District is host to more than 180 foreign embassies and other recognized diplomatic missions. A number of international organizations, such as the International Monetary Fund, World Bank, Inter-American Development Bank and Organization of American States are headquartered in the District. An estimated 22.0 million people visit the Washington Metropolitan Region on an annual basis, not only to do business with the federal government and local firms, but also to visit the national monuments, historic sites, museums and other major cultural attractions.

Income has grown considerably in the District in recent years. The unemployment rate in the District decreased from 8.2% in 2012 to 6.2% in 2017. The District's economy grew consistently faster than the national economy for much of this decade and is expected to continue to grow in 2018. The District's economy is relatively more information and service industry dependent than most states, accounting for the region's insulation from the most recent national housing and credit centric recession.

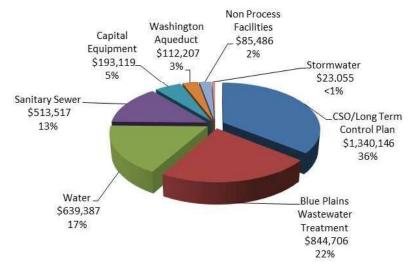
Major Initiatives

Capital Improvement Program

DC Water's ultimate success in achieving its mission of providing world-class water and wastewater services as a leading steward of the environment depends in large part on the implementation of its 10-year \$3.8 billion capital improvement program ("CIP"). Approximately 36.9% of the CIP is either federally mandated or required by a court-ordered consent decree, including the Enhanced Nitrogen Removal Facilities ("ENRF") and the Clean Rivers Project.

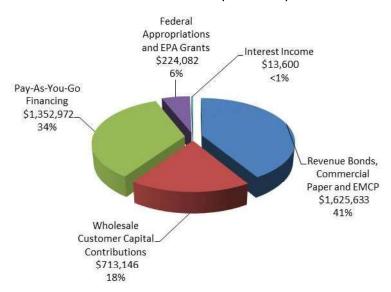
The Board approved Fiscal Year 2017 – 2026 CIP is broken into seven service areas, as shown in the following graph.

Capital Improvement Program FY 2017 – FY 2026 Uses of Funds (\$ in 000's)



DC Water plans to finance its \$3.8 billion capital improvement program from a variety of sources, including the issuance of revenue bonds, grants from the U.S. Environmental Protection Agency ("EPA"), federal appropriations, capital contributions from wholesale customers and Pay-Go. Interim financing through issuance of commercial paper ("CP") or extendible municipal commercial paper ("EMCP") will be periodically converted to long-term financing through the issuance of bonds. As shown on the following chart, approximately 41% of capital financing will come from debt issuances.

Capital Improvement Program FY 2017 – FY 2026 Sources of Funds (\$ in 000's)



Clean Rivers Project

Approximately one-third of the District of Columbia is served by a combined sewer system, in which both sanitary sewage and storm water flow through the same pipes. When either the collection system or the Blue Plains treatment plant reach capacity, typically during periods of heavy rainfall, the system is designed to overflow the excess diluted sewage directly into District waterways. These events are referred to as combined sewer overflows ("CSO"). Combined sewers are not unique to the District and are commonly found in older wastewater collection systems especially in Northeast and Midwest regions of the United States. The Clean Rivers Project is being implemented on a schedule included in a consent decree between the EPA, U.S. Department of Justice ("DOJ"), District of Columbia, and DC Water. The consent decree was entered by the Court on March 23, 2005. The 2005 decree is a "grey" solution that required construction of three tunnel systems in the Anacostia River, Potomac River, and Rock Creek sewersheds.

The benefits of the Clean Rivers Project will be significant when fully implemented. CSOs are projected to be reduced by 93 percent into the Potomac River watershed and by 98 percent on the Anacostia River watershed and 90 percent in the Rock Creek watershed resulting in improved water quality and a significant reduction in debris from the combined sewer system in our local waterways. In addition, the Clean Rivers Project serves as a cornerstone of the District's waterfront redevelopment initiatives including commercial, residential and other development projects on the Anacostia River.

The Clean Rivers Project is a \$2.8 billion capital project that includes a variety of capital improvements throughout the District including three massive, deep tunnel systems which will capture and store CSOs from storm events until they can be conveyed to Blue Plains for treatment.

Green Infrastructure (GI) technologies capture, infiltrate, treat and reuse polluted runoff before it enters the sewer system. These practices include rain gardens, porous pavements, green roofs, infiltration planters, trees and tree boxes, and rainwater harvesting for non-potable uses, such as toilet flushing and landscape irrigation.

On May 20, 2015, DC Water, District of Columbia, EPA and DOJ announced an agreement to modify the 2005 consent decree to allow for large-scale GI installations and other modifications to the Clean Rivers Project impacting the Potomac River and Rock Creek watersheds. The modification was approved and became effective on January 29, 2016. Anacostia River watershed will proceed with the planned tunnel solution. Under the modified agreement, DC Water is expected to eliminate or reduce the previously-planned underground tunnel for Rock Creek and Potomac River watersheds if the pilot GI projects in these watersheds are deemed practicable. Upon determination of their practicability, DC Water will instead build green infrastructure and targeted sewer separation to manage the volume of runoff produced by 1.2" of rain falling on 365 impervious acres of land that currently does not absorb stormwater. This portion of the project will be completed by 2030. If the pilot projects are deemed impracticable, DC Water will revert to grey solutions with the same completion date of 2030.

These measures are intended to achieve compliance with EPA's nutrient limits for nitrogen and phosphorus as required by the current NPDES permit. The amended decree will provide DC Water an additional five years to complete the work required to address CSOs resulting in an extension of the final compliance date from 2025 to 2030.

The GI projects underway for Rock Creek and Potomac River watersheds will be implemented during the next five years and results will be evaluated to determine either implementation of large-scale GI or return to "grey" infrastructure solution. In order to protect DC Water stakeholders, DC Water issued the industry's first Environmental Impact Bond. Similar in nature to "pay for success" bonds, the borrowing is designed to pay bondholders for successful results achieved in the GI projects or pay bondholders less in the event that successful results are not achieved. This historic issuance is expected to introduce the wastewater industry to alternative sources of funding for a national issue regarding EPA required effluent composition reductions to the nation's waterways.

Digester Project

DC Water's Biosolids Management Program ("BMP") is in operation. Expected savings are being realized related to electricity generation, biosolids hauling and land application costs. Efforts continue to develop alternative revenue sources through commercialization of class A biosolids.

Recent Developments

Blue Plains and Anacostia River Tunnels

The first phase of the Clean Rivers Project, completion of the Blue Plains and Anacostia River tunnels, is anticipated in March of 2018, one year in advance of the schedule mandated by the NPDES Permit. It is anticipated that upon completion of this first phase of the Clean Rivers Project, combined sewer overflows into the Anacostia River will be reduced by 81 percent.

Green Infrastructure

DC Water's progress to construct 79 new green facilities in the Rock Creek Watershed continues as planned with expected completion in 2019. Measurement processes have been established to monitor their effectiveness which data is anticipated to support a decision to continue with green infrastructure to achieve CSO reduction for Rock Creek. Establishment of an innovative certification program to train and hire workers in installation and maintenance of green infrastructure has produced tangible socioeconomic benefit.

Water System Replacement Fee

DC Water successfully implemented the Water System Replacement Fee (WSRF) on October 1, 2016 without interruption in customer billing and collection activities. The WSRF is a new fixed fee to fund the one percent per year drinking water system replacement program that will cost approximately \$40 million annually.

Credit Rating Upgrades

In February 2016, Standard and Poor's Investors Service upgraded DC Water's credit rating for senior lien

revenue bonds from AA+ to AAA, the highest rating available by a rating agency and the highest credit rating in DC Water history. Additionally, in April 2016, Moody's Investor Service upgraded DC Water's credit rating

for senior lien revenue bonds from Aa2 to Aa1.

In January 2017, DC Water issued \$300 million in tax-exempt, fixed rate bonds, including \$100 million

designated as Green Bonds, leveraging the AAA credit rating upgrade by S&P and its new GB1 rating,

Moody's highest possible green bond assessment. Combined, these two ratings made DC Water's bonds

highly desirable. Strong credit ratings enable the Authority to issue debt at lower borrowing costs, which in

turn reduces ratepayer costs in the long run.

Government Finance Officers Association Awards

CAFR Award

The Authority's 2016 CAFR received the Government Finance Officers Association's ("GFOA") Certificate

of Achievement for Excellence in Financial Reporting. The CAFR was judged based on its conformity to

GAAP and its compliance with other financial, legal and contractual provisions. The Certificate of

Achievement is the highest form of recognition in governmental accounting and financial reporting, and its

attainment represents a significant accomplishment for any municipality or government agency. To date,

DC Water has received the GFOA's CAFR award for every year of its existence as an independent Authority,

for a total of twenty consecutive awards.

Budget Award

The Authority's 2016 operating and capital budgets received the GFOA's Distinguished Budget Presentation

Award, the highest form of recognition in governmental budgeting. In order to qualify for the Distinguished Budget Presentation Award, DC Water's budget document was judged to be proficient in several categories,

including presentation as a policy document, financial plan, operations guide and a communication device.

The Authority has been the recipient of this prestigious award for the last seventeen years.

ACKNOWLEDGEMENTS

With deep appreciation, I wish to recognize the outstanding leadership and personal commitment of

Controller John Madrid and his dedicated team of professionals for their collective effort in drafting DC

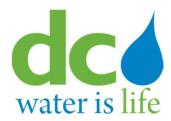
Water's FY 2017 Comprehensive Annual Financial Report.

Respectfully submitted,

Matthew T. Brown

Chief Financial Officer

11



BOARD OF DIRECTORS

PRINCIPAL MEMBERS

TOMMY WELLS, CHAIR, DISTRICT OF COLUMBIA

ELLEN O. BOARDMAN, DISTRICT OF COLUMBIA

RACHNA BUTANI, DISTRICT OF COLUMBIA

DAVID FRANCO, DISTRICT OF COLUMBIA

EMILE THOMPSON, DISTRICT OF COLUMBIA

VACANT, DISTRICT OF COLUMBIA

TIMOTHY L. FIRESTINE, MONTGOMERY COUNTY, MD

ELISABETH FELDT, MONTGOMERY COUNTY, MD

NICHOLAS MAJETT, PRINCE GEORGE'S COUNTY, MD

BRADLEY FROME, PRINCE GEORGE'S COUNTY, MD

JAMES PATTESON, FAIRFAX COUNTY, VA

ALTERNATE MEMBERS

HOWARD GIBBS, DISTRICT OF COLUMBIA

IVAN FRISHBERG, DISTRICT OF COLUMBIA

REV. KENDRICK CURRY, DISTRICT OF COLUMBIA

ANTHONY GIANCOLA, DISTRICT OF COLUMBIA

VACANT, DISTRICT OF COLUMBIA

VACANT, DISTRICT OF COLUMBIA

DAVID W. LAKE, MONTGOMERY COUNTY, MD

BONNIE KIRKLAND, MONTGOMERY COUNTY, MD

SHIRLEY BRANCH, PRINCE GEORGE'S COUNTY, MD

ADAM ORTIZ, PRINCE GEORGE'S COUNTY, MD

SARAH MOTSCH, FAIRFAX COUNTY, VA

PRINCIPAL STAFF MEMBERS

OFFICE OF THE GENERAL MANAGER

GEORGE S. HAWKINS, CEO AND GENERAL MANAGER
HENDERSON J. BROWN, IV, GENERAL COUNSEL*
BIJU GEORGE, CHIEF OPERATING OFFICER

OFFICE OF THE CHIEF FINANCIAL OFFICER

MATTHEW T. BROWN, CHIEF FINANCIAL OFFICER
JOHN MADRID, CONTROLLER
ROBERT HUNT, FINANCE DIRECTOR
LOLA OYEYEMI, BUDGET DIRECTOR
SYED KHALIL, DIRECTOR, RATES AND REVENUE

OPERATIONS AND ADMINISTRATION

AKILE TESFAYE, ASSISTANT GENERAL MANAGER WASTEWATER TREATMENT

LEONARD BENSON, CHIEF ENGINEER, ENGINEERING AND TECHNICAL SERVICES

ROSALIND INGE, ASSISTANT GENERAL MANAGER, SUPPORT SERVICES

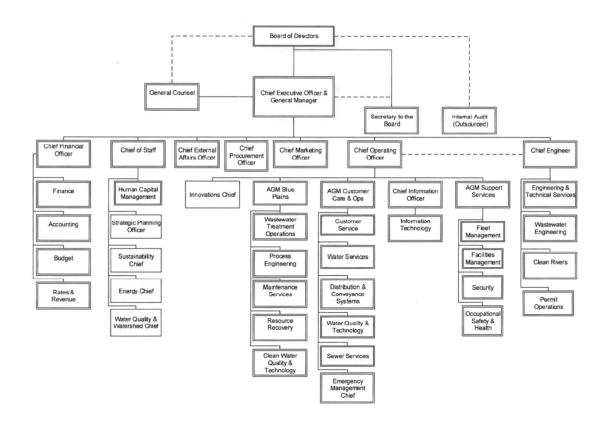
CHARLES W. KIELY, ASSISTANT GENERAL MANAGER CONSUMER SERVICES

THOMAS KUCZYNSKI, CHIEF INFORMATION OFFICER
JOHN LISLE, CHIEF OF EXTERNAL AFFAIRS

^{*} EFFECTIVE DECEMBER 30, 2017, HENDERSON BROWN BECAME THE ACTING CEO AND GENERAL MANAGER, REPLACING GEORGE HAWKINS WHO RETIRED IN DECEMBER 2017.



Governance and Organizational Structure





Government Finance Officers Association

Certificate of
Achievement
for
Excellence in
Financial
Reporting

Presented to

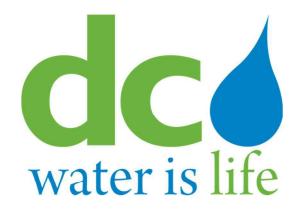
District of Columbia Water and Sewer Authority

For its Comprehensive Annual Financial Report for the Fiscal Year Ended

September 30, 2016

Christopher P. Morrill

Executive Director/CEO



Financial Section

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KPMG LLP Suite 12000 1801 K Street, NW Washington, DC 20006

Independent Auditors' Report

Board of Directors
District of Columbia Water and Sewer Authority

We have audited the accompanying financial statements of the District of Columbia Water and Sewer Authority (the Authority) as of and for the years ended September 30, 2017 and 2016, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements for the years then ended 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 U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the District of Columbia Water and Sewer Authority as of September 30, 2017 and 2016, and the changes in its financial position and its cash flows for the years then ended in accordance with U.S. generally accepted accounting principles.



Other Matters

Required Supplementary Information

U.S. generally accepted accounting principles require that the management's discussion and analysis on pages 19 through 31 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Authority's basic financial statements. The introductory and statistical sections as listed in the table of contents 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.

KPMG LLP

Washington, D.C. December 20, 2017

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

This section of the Authority's annual financial report presents our discussion and analysis of the Authority's financial position and changes in financial position as of and for the fiscal years ended September 30, 2017 and 2016. The Management's Discussion and Analysis ("MD&A") should be read in conjunction with the Authority's basic financial statements and the related notes to the financial statements, which immediately follow this section.

Financial Highlights - Fiscal 2017

- In January 2017, the Authority issued \$100.0 million of 2017 Series A and \$200.0 million of 2017 Series B senior lien revenue bonds with fixed interest rates ranging from 4.0% to 5.0%. The 2017 Series A green bonds mature in 2053 and are being used to fund the Clean Rivers Project. The 2017 Series B bonds mature in 2045 and are being used to fund the Authority's various capital improvements to the system. Gross proceeds from the bond issuance totaled approximately \$334.3 million, including \$34.3 million original issue premium.
- Operating revenues increased by \$47.4 million to \$643.2 million, or 8.0%, primarily due to the retail rate increase of 5.0%, a 9.6% increase in Clean Rivers Impervious Area Charges (CRIAC) and a 10.6% increase in wholesale waste water charges.
- Operating expenses increased by \$19.7 million to \$408.1 million, or 5.1%, primarily due to increases in personnel, depreciation expense and chemicals, supplies and small equipment offset by a decrease in contractual services expense.
- Capital assets, net of depreciation and amortization, increased by \$547.8 million to \$6.5 billion, or 9.1%, as
 a result of capital additions of \$653.4 million offset by depreciation and amortization of \$97.9 million. Capital
 additions incurred in 2017 were in line with the Authority's approved 10-year capital improvement program.
- Current assets increased by \$53.5 million to \$603.0 million, or 9.7%, primarily due to a \$42.2 million increase in restricted cash and investments, and an \$18.4 million increase in receivables from other Jurisdictions and the Federal government, offset by a decrease in unrestricted cash and cash equivalents of \$7.5 million and a decrease in receivables from the District government of \$2.2 million.
- The Authority's net position increased by \$194.6 million to \$1.9 billion, or 11.4%, as a result of current year
 operations and capital contributions.
- Effective October 1, 2016, the Authority raised its retail water and wastewater rates by 5.0% and its CRIAC by 9.6%.

Financial Highlights - Fiscal 2016

• In October 2015, the Authority issued \$100.0 million of 2015 Series A and \$250.0 million of 2015 Series B subordinate lien revenue bonds with fixed interest rates ranging from 2.0% to 5.25%. The 2015 Series A green bonds mature in 2045 and are being used to fund the Clean Rivers Project. The 2015 series B bonds mature in 2044 and \$62.0 million is being used to make principal and interest payments on all or a portion of the Authority's outstanding commercial paper notes and the balance is being used to fund the Authority's capital improvement program. Gross proceeds from the bond issuance totaled approximately \$406.6 million, including \$56.6 million original issue premium.

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

In February 2016, the Authority issued the subordinate lien revenue refunding bonds, 2016 Series A in the amount of \$389.1 million. The proceeds from the bonds were used to refund \$401.9 million of the Authority's outstanding bonds. The interest on the bonds are at fixed rates ranging from 2.0% to 5.0%.

In September 2016, the Authority issued \$25.0 million of 2016 Series B (Environmental Impact Bonds) subordinate lien revenue bonds. The 2016 Series B Bonds are multimodal variable rate bonds, initially issued bearing a 3.43% fixed rate through the mandatory tender date, April 1, 2021. The net issuance proceeds (after payment of \$0.5 million of issuance expenses) of \$24.5 million will be used for construction of Green Infrastructure (GI) for the Rock Creek Project A (RC-A).

The Authority's long-term debt, including current maturities, increased by \$381.1 million to \$2.9 billion, or 14.9%, primarily due to the \$350.0 million and \$25.0 million bond issuances described above.

- Operating revenues increased by \$45.9 million to \$595.8 million, or 8.3%, primarily due to the retail rate increase of 6.5%, a 21.2% increase in Clean Rivers Impervious Area Charges (CRIAC) and the introduction of the new Water System Replacement Fee (WSRF) which resulted in \$39.6 million of new operating revenues in fiscal year 2016, offset by an 18.4% decrease in wholesale waste water charges.
- Operating expenses increased by \$9.7 million to \$388.4 million, or 2.6%, primarily due to increases in personnel, depreciation expense and contractual services expense offset by a decrease in chemicals and supplies, utilities and water purchases.
- Capital assets, net of depreciation and amortization, increased by \$518.0 million to \$6.0 billion, or 9.5%, as a result of capital additions of \$607.5 million offset by depreciation and amortization of \$89.5 million. Capital additions incurred in 2016 were in line with the Authority's approved 10-year capital improvement program.
- Current assets increased by \$37.3 million to \$549.5 million, or 7.3%, primarily due to an increase in cash and investments offset by a decrease in receivables from other jurisdictions.
- The Authority's net position increased by \$173.3 million to \$1.7 billion, or 11.3%, as a result of current year operations and capital contributions.
- Effective October 1, 2015, the Authority raised its retail water and wastewater rates by 6.5% and its CRIAC by 21.2%.

Using This Annual Report

This annual report consists of three sections: Management's Discussion and Analysis; the Financial Statements; and Notes to the Financial Statements that explain in more detail some of the information in the Financial Statements.

Required Financial Statements

The Statements of Net Position include the Authority's assets plus deferred outflows of resources and liabilities plus deferred inflows of resources and provides information about the nature and amounts of investments in resources (assets) and nature and extent of obligations (liabilities) with the difference between them being reported as net position. It also provides the basis for computing the rates of return, evaluating the capital structure of the Authority, and assessing the liquidity and financial flexibility of the Authority.

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

The Statements of Revenues, Expenses, and Changes in Net Position present the changes in net position from one reporting period to another by accounting for revenues and expenses and measuring the financial results of operations. This statement measures the profitability of the Authority's operations over the past year and can be used to determine whether the Authority has successfully recovered all of its costs through its user fees and other charges.

The Statements of Cash Flows provide information about the Authority's cash receipts, cash payments, and net changes in cash and cash equivalents resulting from operating, investing, and capital and non-capital financing activities. It also provides information regarding sources of cash, uses of cash, and changes in cash balances during the reporting period.

Notes to the financial statements include information essential to understand the above statements, such as the Authority's significant accounting policies and information about certain financial statement account balances.

Financial Analysis of the Authority

Net Position

The Authority's total net position at September 30, 2017 was approximately \$1.9 billion, a \$194.6 million, or 11.4%, increase from September 30, 2016. Total assets increased \$594.1 million, or 8.9%, to \$7.3 billion and total liabilities increased \$396.3 million, or 7.9%, to \$5.4 billion.

The Authority's total net position at September 30, 2016 was approximately \$1.7 billion, a \$173.3 million, or 11.3%, increase from September 30, 2015. Total assets increased \$583.2 million, or 9.6%, to \$6.7 billion and total liabilities increased \$437.8 million, or 9.5%, to \$5.0 billion.

Summary of Net Position (\$ in 000's)

		Fiscal Year		2017 vs 2	016	2016 vs 2015		
	2017	2016	2015	Amount	%	Amount	%	
Current assets	\$ 602,959	\$ 549,496	\$ 512,226	53,463	9.7	37,270	7.3	
Restricted assets	61,318	56,992	23,249	4,326	7.6	33,743	145.1	
Capital assets	6,543,100	5,995,347	5,477,327	547,753	9.1	518,020	9.5	
Other noncurrent assets	53,436	64,920	70,696	(11,484)	(17.7)	(5,776)	(8.2)	
Total assets	7,260,813	6,666,755	6,083,498	594,058	8.9	583,257	9.6	
Deferred outflows of resources	69,946	73,157	45,246	(3,211)	(4.4)	27,911	61.7	
Current liabilities	461,771	440,888	471,766	20,883	4.7	(30,878)	(6.5)	
Long-term debt outstanding	3,193,727	2,900,329	2,520,046	293,398	10.1	380,283	15.1	
Long-term liabilities	1,777,421	1,695,406	1,606,990	82,015	4.8	88,416	5.5	
Total liabilities	5,432,919	5,036,623	4,598,802	396,296	7.9	437,821	9.5	
Net investments in capital assets	1,655,867	1,491,925	1,348,056	163,942	11.0	143,869	10.7	
Restricted	33,276	33,135	27,054	141	0.4	6,081	22.5	
Unrestricted	208,697	178,229	154,832	30,468	17.1	23,397	15.1	
Total net position	\$ 1,897,840	\$ 1,703,289	\$1,529,942	194,551	11.4	173,347	11.3	

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

The following is a discussion of the more significant changes in assets, liabilities and net position in 2017.

- Capital assets, net of depreciation and amortization, increased by \$547.8 million to \$6.5 billion, or 9.1%, as
 a result of capital additions of \$653.4 million offset by depreciation and amortization of \$97.9 million.
 Capital additions incurred in 2017 were in line with the Authority's approved 10-year capital improvement
 program which is discussed in more detail on page 13.
- Current assets increased by \$53.5 million to \$603.0 million, or 9.7%, primarily due to a \$42.2 million increase in restricted cash and investments, and an \$18.4 million increase in receivables from other Jurisdictions and the Federal government, offset by a decrease in unrestricted cash and cash equivalents of \$7.5 million and a decrease in receivables from the District government of \$2.2 million.
- Long-term debt, including current maturities, increased by \$294.9 million to \$3.2 billion, or 10.1%, primarily due to the issuance of \$100.0 million of 2017 Series A (Green Bonds) and \$200.0 million of 2017 series B senior lien revenue bonds for a total of \$300.0 million in January 2017.
- Current liabilities increased by \$21.0 million to \$462.0 million, or 4.7%, primarily due to a \$35.7 million increase in accounts payable and accrued expenses and a \$4.9 million increase in accrued interest offset by a \$22.6 million decrease in unearned revenue.
- The Authority's net position increased by \$194.6 million to \$1.9 billion, or 11.4%, as a result of fiscal year 2017 operations and capital contributions.

The following is a discussion of the more significant changes in assets, liabilities and net position in 2016.

- Capital assets, net of depreciation and amortization, increased by \$518.0 million to \$6.0 billion, or 9.5%, as
 a result of capital additions of \$607.5 million offset by depreciation and amortization of \$89.5 million.
 Capital additions incurred in 2016 were in line with the Authority's approved 10-year capital improvement
 program which is discussed in more detail on page 13.
- Current assets increased by \$37.3 million to \$549.5 million, or 7.3%, primarily due to an increase in cash and investments offset by a decrease in receivables from other jurisdictions.
- Long-term debt, including current maturities, increased by \$381.1 million to \$2.9 billion, or 14.9%, primarily due to the issuance of \$100.0 million of 2015 Series A (Green Bonds) and \$250.0 million of 2015 series B subordinate lien revenue bonds for a total of \$350.0 million in October 2015, and the issuance of \$25.0 million of 2016 Series B (Environmental Impact Bonds) subordinate lien revenue bonds in September 2016.
- Current liabilities decreased by \$30.9 million to \$440.9 million, or 6.5%, primarily due to a \$28.6 million decrease in accounts payable and accrued expenses and a \$12.0 million decrease in commercial paper notes offset by an \$8.2 million increase in accrued interest.
- The Authority's net position increased by \$173.3 million to \$1.7 billion, or 11.3%, as a result of fiscal year 2016 operations and capital contributions.

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

Changes in Net Position

The increase in net position at September 30, 2017 was \$194.6 million, or 11.4%, as compared with September 30, 2016. The Authority's total operating revenues increased by 8.0% to \$643.2 million and total operating expenses increased by 5.1% to \$408.1 million.

The increase in net position at September 30, 2016 was \$173.3 million, or 11.3%, as compared with September 30, 2015. The Authority's total operating revenues increased by 8.3% to \$595.8 million and total operating expenses increased by 2.6% to \$388.4 million.

Change in Net Position (\$ in 000's)

	Fiscal Year				2017 vs 2016				2016 vs 2015		
		2017		2016	 2015		mount	nt %		mount	%
Operating revenues Operating expenses Net non-operating revenues (expenses)	\$	643,169 408,131 (64,553)	\$	595,789 388,384 (66,489)	\$ 549,915 378,660 (60,093)	\$	47,380 19,747 1,936	8.0 5.1 (2.9)	\$	45,874 9,724 (6,396)	8.3 2.6 10.6
Change in net position before capital contributions		170,485		140,916	111,162		29,569	21.0		29,754	26.8
Capital contributions		24,066		32,431	 67,965		(8,365)	(25.8)		(35,534)	(52.3)
Change in net position		194,551		173,347	179,127		21,204	12.2		(5,780)	(3.2)
Net position - beginning of year, as restated Net position - end of year	\$	1,703,289 1,897,840	\$	1,529,942 1,703,289	\$ 1,350,815 1,529,942	\$	173,347 194,551	11.3 11.4	\$	179,127 173,347	13.3 11.3

The following provides a discussion as to the primary reasons for the more significant fluctuations in the Authority's revenues and expenses between fiscal years 2017 and 2016, and between fiscal years 2016 and 2015, respectively.

Fiscal Year 2017:

- Operating revenues increased by \$47.4 million to \$643.2 million, or 8.0%, primarily due to retail rate increase of 5.0%, a 9.6% increase in Clean Rivers Impervious Area Charges (CRIAC) and a 10.6% increase in wholesale waste water charges.
- Operating expenses increased by \$19.7 million to \$408.1 million, or 5.1%, primarily due to increases in personnel, depreciation expense and chemicals, supplies and small equipment and offset by a decrease in contractual services expense.

Fiscal Year 2016:

Operating revenues increased by \$45.9 million to \$595.8 million, or 8.3%, primarily due to a 6.5% rate increase on retail water, the 21.2% increase CRIAC and the introduction of the new WSRF, offset by an 18.4% decrease in wholesale waste water charges.

Management's Discussion and Analysis (unaudited)

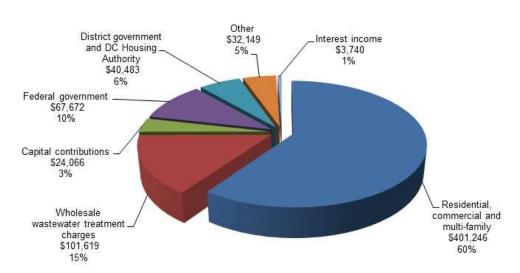
September 30, 2017 and 2016

Operating expenses increased by \$9.7 million to \$388.4 million, or 2.6%, primarily due to increases in
personnel, contractual services expense and depreciation expense offset by a decrease in chemicals and
supplies, utilities and water purchases.

2017 Total Revenues

Total revenues increased \$40.1 million, or 6.4%, to \$670.9 million in fiscal year 2017.

Total Revenues (\$ in 000's)



- Revenues from residential, commercial and multi-family customers increased by \$18.7 million to \$401.2 million, or 4.9%, primarily due to a 5.0% water and wastewater rate increase and a 9.6% increase in the Clean Rivers Impervious Area Charges (CRIAC).
- Revenues from the Federal government increased by \$4.3 million to \$67.7 million, or 6.7%, primarily due to a 5.0% rate increase, 9.6% increase in the CRIAC and increase in consumption offset by lower billing adjustments for several Federal agencies during fiscal year 2017.
- Revenues from the District government and the District of Columbia Housing Authority increased by \$2.3 million to \$40.5 million, or 6.0%, primarily due to a 5.0% rate increase, 9.6% increase in CRIAC offset by a decrease in consumption.
- Revenues from wholesale wastewater treatment increased by \$9.7 million to \$101.6 million, or 10.6%, primarily due to an increase in the Intermunicipal agreement (IMA) shareable operating costs of the Blue Plains Plant and a \$4.6 million increase in IMA capital reimbursement revenues recognized in fiscal year 2017.

Management's Discussion and Analysis (unaudited)

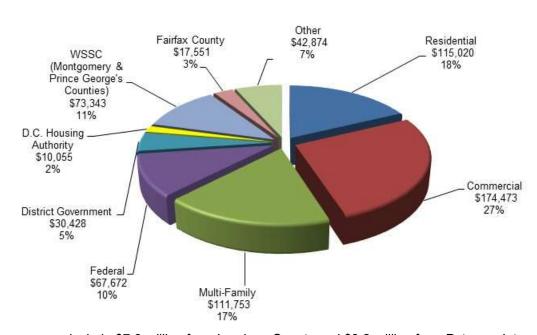
September 30, 2017 and 2016

- Other revenues increased by \$12.4 million to \$32.1 million, or 62.7%, primarily due to an increase in miscellaneous revenues from the Authority's other activities such as special projects billings and insurance reimbursements related to claim and litigation expenses.
- Capital contributions decreased by \$8.4 million, or 25.8%, primarily due to a \$5.5 million reduction in federal grants and a \$2.9 million reduction in capital contributions from the District government.

Diversity and Stability of Operating Revenues

The Authority's operating revenue base is very diverse, including established customers such as the Federal government, the District government, surrounding jurisdictions in Maryland and Virginia, and commercial and residential customers within the District. As shown on the chart below, no one category accounts for more than 27% of total revenues.

Operating Revenues by Source (\$ in 000's)



- (a) Other revenues include \$7.6 million from Loudoun County and \$3.2 million from Potomac Interceptor.
- Revenues from commercial and multi-family customers in the District comprise approximately 44% of the
 Authority's total operating revenues. Commercial revenues are reliable due to the presence of many
 national associations, law firms, consulting firms, colleges and universities and foreign embassies in the
 District. The commercial customer category also includes multi-family dwellings.
- The Authority provides wastewater conveyance and treatment services to Montgomery and Prince George's Counties in Maryland through the Washington Suburban Sanitary Commission ("WSSC") and Fairfax and Loudoun Counties in Northern Virginia. Operating revenues from WSSC and Fairfax County account for 14% of the Authority's revenues and are based on their share of operating costs at Blue Plains.

Management's Discussion and Analysis (unaudited)

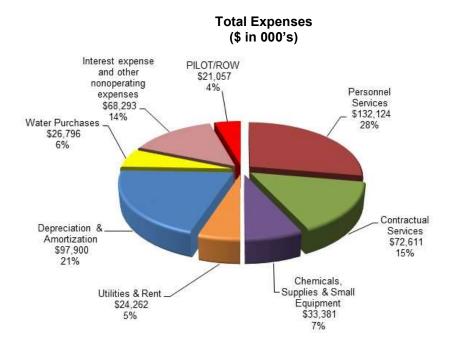
September 30, 2017 and 2016

Loudoun County and Potomac Interceptor customers account for an additional 1.7% of the Authority's revenues and are included in other revenues.

- Residential customers in the District account for 18% of total revenues.
- Revenues from the Federal government comprise 10% of the Authority's total operating revenues and include customers such as the U.S. Congress, the Smithsonian Institution, and a range of federal departments and agencies.
- Revenues from the Government of the District of Columbia and the District of Columbia Housing Authority make up 7% of total operating revenues.

2017 Total Expenses

Total expenses increased by \$18.9 million, or 4.1%, to \$476.4 million in fiscal year 2017.



- Personnel services increased by \$7.9 million to \$132.1 million, or 6.4%, primarily due to increases in wages and benefits.
- Contractual services decreased by \$1.4 million to \$72.6 million, or 2.0%, due to a decrease in litigation
 costs and biosolids hauling costs stemming from newly installed digester operations at the Blue Plains
 facility.
- Chemicals, supplies and small equipment increased by \$3.9 million to \$33.4 million, or 13.1%, primarily
 due to higher unit prices in chemicals such as methanol and increase in parts and supplies.

Management's Discussion and Analysis (unaudited)

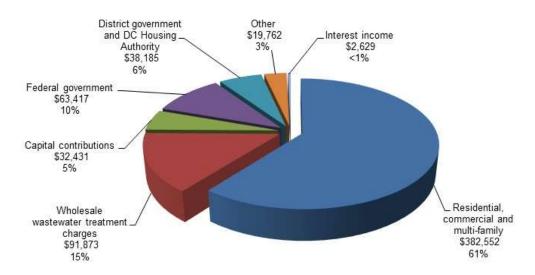
September 30, 2017 and 2016

- Utilities and rent increased by \$0.3 million to \$24.3 million, or 1.4%, primarily due to increase in space rental
 and water usage to generate steam for Combine Heat Power (CHP) offset by onsite electricity generation
 from CHP project, which became operational in the summer of 2015.
- Depreciation and amortization increased by \$8.4 million to \$97.9 million, or 9.4%, primarily due to an increase in capital assets in service.
- Water purchases increased by \$0.5 million to \$26.8 million, or 1.7%, primarily due to a 4.4% increase in the water rate and offset by a 1.5% decrease in water consumption in fiscal year 2017 compared to fiscal 2016.
- Interest expense and other nonoperating expenses decreased by \$0.8 million to \$68.3 million, or 1.2%, primarily due to an increase in interest incurred on long-term debt of \$1.8 million and an increase in losses on the disposal of capital assets of \$7.7 million, offset by an increase in the amount of capitalized interest related to the Authority's capital improvement program which increased from \$62.8 million in fiscal year 2016 to \$77.0 million in fiscal year 2017.

2016 Total Revenues

Total revenues increased \$11.7 million, or 1.9%, to \$630.9 million in fiscal year 2016.





Revenues from residential, commercial and multi-family customers increased by \$46.8 million to \$382.6 million, or 13.9%, primarily due to a 6.5% water and wastewater rate increase 21.2% increase in the Clean Rivers Impervious Area Charges (CRIAC) and introduction of new Water System Replacement Fee (WSRF).

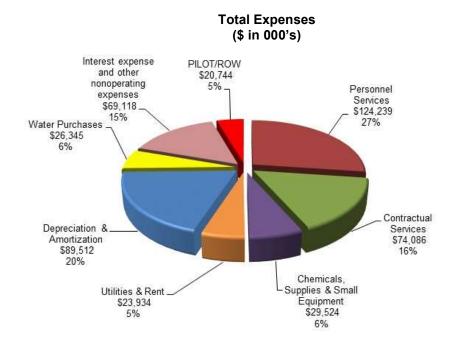
Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

- Revenues from the Federal government increased by \$9.1 million to \$63.4 million, or 16.9%, primarily due
 to a 6.5% rate increase, the introduction of the new WSRF and a 21.2% increase in the CRIAC offset by
 consumption adjustments for several Federal agencies during fiscal year 2016.
- Revenues from the District government and the District of Columbia Housing Authority increased by a \$5.2 million to \$38.2 million, or 15.9%, primarily due to a 6.5% rate increase, new meter-based WSRF and 21.2% increase in CRIAC offset by a decrease in consumption and disputed payment from DC government for CRIAC.
- Revenues from wholesale wastewater treatment decreased by \$20.6 million to \$91.9 million, or 18.4%, primarily due to a decrease in the Intermunicipal agreement (IMA) shareable operating costs of the Blue Plains Plant.
- Other revenues increased by \$5.3 million to \$19.8 million, or 36.7%, primarily due to an increase in miscellaneous revenues from the Authority's other activities such as special projects billings.
- Capital contributions decreased by \$35.5 million, or 52.3%, primarily due to an \$18.5 million reduction in federal grants and an \$18.4 million reduction in capital contributions from the District government for the Northeast Boundary Neighborhood project.

2016 Total Expenses

Total expenses increased by \$17.4 million, or 4.0%, to \$457.5 million in fiscal year 2016.



• Personnel services increased by \$9.0 million to \$124.2 million, or 7.8%, primarily due to increases in wages, benefits and number of employees.

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

- Contractual services increased by \$7.8 million to \$74.1 million, or 11.8%, due to an increase in litigation
 costs offset by a reduction in biosolids hauling costs stemming from newly installed digester operations at
 the Blue Plains facility.
- Chemicals, supplies and small equipment decreased by \$3.4 million to \$29.5 million, or 10.4%, primarily
 due to lower unit prices and changes in the treatment process that utilizes less chemicals and uses thermal
 hydrolysis and the digester system's intense heat and pressure to treat wastewater.
- Utilities and rent decreased by \$6.9 million to \$23.9 million, or 22.4%, primarily due to onsite electricity generation from the Combine Heat Power (CHP) project, which became operational in the summer of 2015.
- Depreciation and amortization increased by \$5.7 million to \$89.5 million, or 6.7%, primarily due to an increase in capital assets in service.
- Water purchases decreased by \$2.8 million to \$26.3 million, or 9.5%, primarily due to fiscal year 2015 billing adjustment and 2.6% decrease in unit cost per million gallons in fiscal year 2016.
- Interest expense and other nonoperating expenses increased by \$7.7 million to \$69.1 million, or 12.6% primarily due to a \$7.8 million increase in interest costs incurred in fiscal year 2016 as a result of the increase in borrowings, offset by a \$10.8 million increase in the amount of capitalized interest related to the Authority's capital improvement program during fiscal year 2016.

Capital Assets and Debt Administration

Capital Assets

As of September 30, 2017, 2016 and 2015, respectively, the Authority had \$6.5 billion, \$6.0 billion and \$5.5 billion of capital assets (net of depreciation). This includes wastewater collection, wastewater treatment, water distribution systems, purchased capacity, capital equipment and construction in progress. The Authority's net capital assets increased by approximately \$547.8 million, or 9.1%, during fiscal year 2017, and increased by approximately \$518.0 million, or 9.5%, during fiscal year 2016, primarily due to continued capital spending in accordance with the Authority's capital improvement program. See note 4 to the financial statements for more information on capital assets.

Capital Assets Net of Accumulated Depreciation (\$ in 000's)

	As of September 30,						
		2017		2016	2015		
Wastewater treatment plant	\$	3,010,074	\$	2,383,176	\$ 2,367,163		
Wastewater collection facilities		856,859		843,095	828,130		
Water distribution system		1,112,458		1,095,216	1,054,046		
Purchased capacity		356,850		349,210	341,974		
Capital equipment		253,437		220,584	203,573		
Construction in progress		2,489,255		2,544,698	2,033,657		
Less accumulated depreciation		(1,535,833)		(1,440,632)	(1,351,216)		
Net capital assets	\$	6,543,100	\$	5,995,347	\$ 5,477,327		

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

The Authority's contractual commitments are primarily associated with the long-term capital improvement program. Outstanding contractual commitments related to the capital improvement program as of September 30, 2017 and 2016 were \$1.1 billion and \$861.0 million, respectively, which will be financed primarily with unspent bond proceeds, proceeds from future bond issuances, capital contributions from IMA participants, Federal capital contributions and PAY-GO capital contributions from the Authority.

Debt Administration

At the end of fiscal year 2017, the Authority had a total of \$3.2 billion in long term debt outstanding, an increase of \$294.9 million, or 10.1%, over fiscal year 2016.

At the end of fiscal year 2016, the Authority had a total of \$2.9 billion in long term debt outstanding, an increase of \$381.1 million, or 14.9%, over fiscal year 2015.

A schedule of long-term debt activity including current year maturities for the year ended September 30, 2017 is shown below:

	Balance					Balance
Description	9/30/2016	Ir	ncreases	De	creases	9/30/2017
Outstanding bonds and notes	\$ 2,733,191	\$	300,000	\$	(29,317)	\$ 3,003,874
Unamortized bond premiums	198,677		34,345		(10,236)	222,786
Unamortized bond discounts	(2,222)		-		129	(2,093)
Total bonds and notes	\$ 2,929,646	\$	334,345	\$	(39,424)	\$ 3,224,567

In January 2017, the Authority issued \$100.0 million of 2017 Series A and \$200.0 million of 2017 Series B senior lien revenue bonds with fixed interest rates ranging from 4.0% to 5.0%. The 2017 Series A green bonds mature in 2053 and are being used to fund the Clean Rivers Project. The 2017 series B bonds mature in 2045 and are being used to fund the Authority's various capital improvements to the system. Net proceeds from the bond issuance totaled approximately \$334.3 million, including \$1.9 million of underwriter's discount and cost of issuance.

The increases (decreases) in outstanding bonds and notes payable were related to new bond issuance and scheduled principal repayments.

A schedule of long-term debt activity including current year maturities for the year ended September 30, 2016 is shown below:

	Balance					Balance
Description	9/30/2015	lr	ncreases	D	ecreases	9/30/2016
Outstanding bonds and notes	\$ 2,446,797	\$	764,110	\$	(477,716)	\$ 2,733,191
Unamortized bond premiums	104,060		111,329		(16,712)	198,677
Unamortized bond discounts	(2,351)		-		129	(2,222)
Total bonds and notes	\$ 2,548,506	\$	875,439	\$	(494,299)	\$ 2,929,646

In October 2015, the Authority issued \$100.0 million of 2015 Series A and \$250.0 million of 2015 Series B subordinate lien revenue bonds with fixed interest rates ranging from 2.0% to 5.25%. The 2015 Series A green bonds mature in 2045 and are being used to fund the Clean Rivers Project. The 2015 series B bonds mature in 2044 and will be used to fund the Authority's capital improvement program. Net proceeds from the bond issuance totaled approximately \$406.6 million including \$2.1 million of underwriter's discount and cost of issuance.

Management's Discussion and Analysis (unaudited)

September 30, 2017 and 2016

In February 2016, the Authority issued the subordinate lien revenue refunding bonds, 2016 Series A in the amount of \$389.1 million. The proceeds from the bonds were used to refund \$401.9 million of the Authority's outstanding bonds. The interest on the bonds are at fixed rates ranging from 2.0% to 5.0%.

In September 2016, the Authority issued \$25.0 million of 2016 Series B (Environmental Impact Bonds) subordinate lien revenue bonds. The 2016 Series B Bonds are multimodal variable rate bonds, initially issued bearing a 3.43% fixed rate through the mandatory tender date, April 1, 2021. The net issuance proceeds (after payment of \$0.5 million of issuance expenses) of \$24.5 million will be used for construction of GI for the RC-A.

The increases (decreases) in outstanding bonds and notes payable were related to new bond issuance, scheduled principal repayments and bonds refunding.

Credit Ratings

Long Term Credit Ratings						
Moody's Investors' Service	Aa1	Stable Outlook				
Standard & Poor's Corporation	AAA	Stable Outlook				
Fitch Ratings	AA	Stable Outlook				
Short Term	Credit Ratings					
Moody's Investors' Service Standard & Poor's Corporation Fitch Ratings	P-1 A-1+ F1+					

Rates

Effective October 1, 2016, the Authority raised its retail water and wastewater rates by 5.0%. The Authority's approved ten-year financial plan includes projected annual rate increases of 5.0% for each of the fiscal years 2018 to 2027 and also includes projected revisions to its metering, right-of-way fee and payment-in-lieu of taxes pass-through, the Clean River Impervious area charge (CRIAC) and the Water System Replacement Fee (WSRF).

Contacting the Authority's Financial Management

This financial report is designed to provide our customers and other stakeholder with a general overview of the Authority's finances. If you have questions about this report or need additional financial information, contact the Office of the Chief Financial Officer at 5000 Overlook Avenue, S.W., Washington D.C. 20032 or call 202-787-2000. A copy of this report is also available on DC Water's web site at www.dcwater.com.

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Statements of Net Position September 30, 2017 and 2016 (In thousands)

Assets and Deferred Outflows of Resources	2017	2016
Current assets:		
Cash and cash equivalents (note 3)	\$ 104,834	\$ 112,283
Investments (note 3)	107,633	106,982
Restricted cash and cash equivalents (note 3)	133,683	96,674
Restricted investments (note 3)	104,035	98,803
Customer receivables, net of allowance for doubtful accounts		
of \$16,857 in 2017 and \$15,042 in 2016 (note 7)	68,506	67,015
Due from other jurisdictions (note 8)	24,508	14,960
Due from Federal government (note 6)	37,222	28,373
Due from District government (note 13)	4,235	6,411
Inventory	12,358	12,309
Prepaid assets	5,945	5,686
Total current assets	602,959	549,496
Noncurrent assets:		
Restricted assets (note 3):		
Cash and cash equivalents	8,364	29,041
Investments	52,954	27,951
Total restricted cash and cash equivalents and investments	61,318	56,992
Capital assets (note 4):		
In-service	5,589,678	4,891,281
Less accumulated depreciation	(1,535,833)	(1,440,632)
Net capital assets in service	4,053,845	3,450,649
Construction-in-progress	2,489,255	2,544,698
Net capital assets	6,543,100	5,995,347
Other noncurrent assets:		
Due from District government (note 13)	41,006	46,864
Due from other jurisdictions (note 8)	12,430	18,056
Total other noncurrent assets	53,436	64,920
Total noncurrent assets	6,657,854	6,117,259
Total assets	7,260,813	6,666,755
Deferred Outflows of Resources	60.046	50.155
Deferred loss on debt refunding	69,946	73,157
Total assets and deferred outflows of resources	7,330,759	6,739,912
Liabilities		
Current liabilities:		
Accounts payable and accrued expenses	195,720	160,025
Unearned revenue	52,267	74,866
Accrued interest	70,583	65,677
Commercial paper notes payable (note 10)	79,200	79,200
Current maturities of long-term debt (note 11)	30,840	29,317
Due to jurisdictions	8,980	7,906
Compensation payable (note 9)	10,560	11,971
Other liabilities (note 12)	13,621	11,926
Total current liabilities	461,771	440,888
Noncurrent liabilities:	2 102 727	2 000 220
Long-term debt, excluding current maturities (note 11) Unearned revenue	3,193,727	2,900,329
	1,750,789	1,667,284
Other liabilities (note 12)	9,444	12,769
Compensated absences payable (note 9) Total noncurrent liabilities	17,188	15,353
Total liabilities	4,971,148 5,432,919	4,595,735 5,036,623
		, ., <u>.</u>
Net Position		
Net investments in capital assets	1,655,867	1,491,925
Restricted for debt service	33,276	33,135
Unrestricted	208,697	178,229
Total net position	\$ 1,897,840	\$ 1,703,289

The notes to the basic financial statements are an integral part of these financial statements.

Statements of Revenues, Expenses and Changes in Net Position Years Ended September 30, 2017 and 2016 (In thousands)

	2017	2016
Operating revenues:		
Water and wastewater user charges:		
Residential, commercial and multi-family customers	\$ 401,246 \$	382,552
Federal government	67,672	63,417
District government and D.C. Housing Authority (note 13)	40,483	38,185
Charges for wholesale wastewater treatment	101,619	91,873
Other	32,149	19,762
Total operating revenues	643,169	595,789
Operating expenses:		
Personnel services	132,124	124,239
Contractual services	72,611	74,086
Chemicals, supplies and small equipment	33,381	29,524
Utilities and rent	24,262	23,934
Depreciation and amortization	97,900	89,512
Water purchases	26,796	26,345
Payment in lieu of taxes and right of way fee (note 13)	21,057	20,744
Total operating expenses	408,131	388,384
Operating income	235,038	207,405
Nonoperating revenues (expenses):		
Interest income	3,740	2,629
Interest expense and other nonoperating expenses	(68,293)	(69,118)
Total nonoperating (expenses)	(64,553)	(66,489)
Change in net position before capital contributions	170,485	140,916
Capital contributions (note 5)	24,066	32,431
Change in net position	194,551	173,347
Net position, beginning of year	1,703,289	1,529,942
Net position, end of year	\$ 1,897,840 \$	1,703,289

The notes to the basic financial statements are an integral part of these financial statements.

Statements of Cash Flows Years Ended September 30, 2017 and 2016 (In thousands)

	2017	2016
Cash flows from operating activities:		
Cash received from customers	\$ 594,592	\$ 565,997
Cash paid to suppliers for goods and services	(158,530)	(176,871)
Cash paid to employees for services	(131,700)	(120,625)
Cash paid to District for PILOT and ROW	(21,057)	(20,744)
Net cash provided by operating activities	283,305	247,757
Cash flows from capital and related financing activities:		
Proceeds from issuance of revenue bonds	334,345	875,439
Proceeds from other jurisdictions	113,488	146,722
Repayments of bond principal and notes payable to Federal government	(29,317)	(477,716)
Acquisition of capital assets	(546,496)	(549,018)
Payments of interest and fiscal charges	(147,285)	(168,182)
Contributions of capital from Federal and District governments	28,267	33,470
Proceeds from issuance of commercial paper	612,800	612,800
Repayments of commercial paper	(612,800)	(624,800)
Net cash used in capital and related financing activities	(246,998)	(151,285)
Cash flows from investing activities:		
Cash received for interest	3,461	2,607
Investment purchases	(443,976)	(488,542)
Investment maturities	413,091	393,812
Net cash used in investing activities	(27,424)	(92,123)
Net increase in cash and cash equivalents	8,883	4,349
Cash and cash equivalents at beginning of year	237,998	233,649
Cash and cash equivalents at end of year	\$ 246,881	\$ 237,998
Operating income Adjustments to reconcile operating income to net cash provided by operating activities:	\$ 235,038	\$ 207,405
Depreciation and amortization Change in operating assets and liabilities:	97,900	89,512
Decrease (increase) in customer and other receivables	933	(143)
Increase in inventory and prepaid assets	(304)	(4,728)
Increase (decrease) in payables and accrued liabilities	229	(15,168)
Decrease in unearned revenue	(50,491)	(29,121)
Net cash provided by operating activities	\$ 283,305	\$ 247,757
Noncash Investing, Capital and Financing Activities:		
Capital asset additions included in accounts payable	\$ 169,885	\$ 135,176
Net (decrease) increase in the fair value of investments	(563)	270

The notes to the basic financial statements are an integral part of these financial statements.

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Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(1) Background, Governance, Operations and Reporting Entity

(a) Background

The District of Columbia Water and Sewer Enterprise Fund (the "Fund") was established in 1979 and was operated by the Water and Sewer Utility Administration, a division of the Government of the District of Columbia (the "District") Department of Public Works. The District of Columbia Water and Sewer Authority ("DC Water" or the "Authority"), an independent authority of the District, was created in April 1996 and began operating on October 1, 1996 under and pursuant to an act of the Council of the District entitled the "Water and Sewer Authority and Department of Public Works Reorganization Act of 1996 (as amended)", and an Act of the United States Congress entitled the "District of Columbia Water and Sewer Authority Act of 1996". The Authority is considered a related organization of the District for purposes of presentation in the District's financial statements.

(b) Governance

The Authority is governed by a Board of Directors consisting of eleven principal and eleven alternate members. The Board is composed of six District of Columbia representatives, two each from Montgomery and Prince George's Counties in Maryland, and one from Fairfax County in Virginia. The Mayor of the District of Columbia appoints, and the DC Council confirms, all six District Board members and alternates, including the Chairman. In addition, the Mayor appoints the five principal and alternate members who represent the surrounding jurisdictions based on executive submissions from those jurisdictions.

(c) Operations

The Authority provides water and wastewater services to District residents, businesses, federal and municipal customers, and certain facilities of the Federal government in Virginia and Maryland. DC Water also operates a regional advanced wastewater treatment plant (Blue Plains or, "the Plant") and an interceptor trunk line that carries wastewater primarily from Loudoun and Fairfax Counties and Dulles Airport to the Blue Plains wastewater treatment facility.

The Authority's wastewater service territory includes over 2.1 million people in Montgomery and Prince George's Counties in Maryland, Fairfax and Loudoun Counties in Virginia, and the District. The Blue Plains Intermunicipal Agreement between the Authority; the District; Fairfax County, Virginia; and the Washington Suburban Sanitary Commission ("WSSC"), which comprises Montgomery and Prince George's Counties in Maryland (collectively referred to as the "Participants"), was executed in September 1985 (the "1985 IMA").

The 1985 IMA was replaced in 2012 and became effective on April 3, 2013 by a new Intermunicipal Agreement (the "2012 IMA"), which was negotiated, approved and executed by each of the original signatories to the 1985 IMA. The IMA provides for the allocation of capital, operating, and maintenance costs among the Participants. Capital costs of the Plant are allocated among the Participants in proportion to their respective wastewater treatment capacity allocation as defined in the 2012 IMA. Operating costs are allocated based on wastewater flows from each participant.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(1) Background, Governance, Operations and Reporting Entity (Continued)

The Loudoun County Sanitation Authority and the Potomac Interceptor Group also purchase wastewater services from the Authority. The Potomac Interceptor Group consists of the Town of Vienna, Virginia; the U.S. Park Service; the U.S. Department of the Navy; and the Metropolitan Washington Airports Authority (Dulles Airport).

The Authority purchases water from the Washington Aqueduct (the "Aqueduct"), which is owned by the Federal government and operated by the U.S. Army Corps of Engineers (USACE) under the direction of the Secretary of the Army. Since 1852, an act of Congress placed the care, management, and superintendence of the Washington Aqueduct under the USACE. Under the Act, USACE was given responsibility for supplying water in the District for use by the Federal government and for the use and benefit of the inhabitants of the District. The USACE operates two water purification plants at the Aqueduct, Dalecarlia and McMillan, for the exclusive benefit of the Authority, Arlington County and Fairfax County Water Authority ("FCWA"). The Aqueduct facilities supply treated water to distribution systems of the Authority, Arlington County, FCWA, the Federal government, and other parts of northern Virginia.

As of January 3, 2014, FCWA assumed ownership and operation of the water distribution system previously owned and operated by the City of Falls Church. The Authority is responsible for managing the treated Water System that serves the District and several other governmental customers outside the District. The Authority currently purchases approximately 73% of the finished water produced by the Aqueduct, and Arlington County and the FCWA purchase the remainder. Under this agreement, which remains in effect until September 30, 2023 and then thereafter until terminated, the Authority is responsible for funding approximately 73% of the Aqueduct's annual operating and capital costs. Additionally, the Authority obtains back-up and peak-day water supply from the Jennings Randolph Reservoir (Bloomington Dam) and Little Seneca Lake. The Jennings Randolph Reservoir was constructed by the Federal government and is operated by the USACE. The Little Seneca Lake was constructed and is operated by the WSSC.

(d) Reporting Entity

A financial reporting entity consists of a primary government and its component units. The criteria used to determine whether organizations are to be included as component units within the Authority's reporting entity are as follows:

- The Authority holds the corporate powers of the organization, and
- The Authority appoints a voting majority of the organization's board, and
- The Authority is able to impose its will on the organization, or
- The organization has the potential to impose a financial burden on, or provide a financial benefit to the Authority, or
- It would be misleading to exclude the organization from the Authority's financial statements.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(1) Background, Governance, Operations and Reporting Entity (Continued)

Based on the application of the above criteria, Blue Drop, LLC, a separate not-for-profit organization created by DC Water in November, 2016 by the Board Resolution #16-90, is considered to be a component unit of the Authority. Blue Drop, LLC which is legally separate from the Authority was established as a pilot program to provide the following:

- Relief from rising rates, fees, and charges to DC Water's customers in the District of Columbia, to other participating jurisdictions and to users of the joint-use sewage facilities,
- Advancing and promoting innovative strategies and technologies in the treatment and delivery of
 potable water, the treatment and collection of wastewater, and related products and services,
- Improving the state of the water and wastewater treatment sectors by sharing knowledge, research, and expertise throughout the country and the world,
- Promoting resource recovery and conservation; and
- Other purposes consistent with and complementary to the principles described in this Resolution.

A component unit should be included in the reporting entity financial statements using the blending method in any of these circumstances:

- The component unit's governing body is substantively the same as the governing body of the primary government and (1) there is a financial benefit or burden relationship between the primary government and the component unit, or (2) management of the primary government has operational responsibility for the component unit.
- The component unit provides entirely, or almost entirely, to the primary government or otherwise exclusively, or almost exclusively, benefits the primary government even though it does not provide services directly to it.
- The component unit's total debt outstanding, including leases, is expected to be repaid entirely, or almost entirely, with resources of the primary government.
- The component unit is organized as a not-for-profit corporation in which the primary government is the sole corporate member, as identified in the component unit's articles of incorporation or bylaws.

Blue Drop, LLC is a blended component unit because it is organized as a not-for-profit corporation in which the Authority is the sole corporate member, as identified in Blue Drop, LLC's articles of incorporation and bylaws. The inclusion of Blue Drop, LLC as a blended component unit did not have a material effect on the fiscal year 2017 financial statements. Separate audited financial statements for Blue Drop, LLC are available from the Blue Drop, LLC Office at 810 First Street NE, First Floor, Washington, DC 20002. Condensed financial statements of Blue Drop, LLC as of and for the year ended September 30, 2017 are also included in Note 16.

Additionally, the Authority is not considered to be a component unit of the District as the District is not able to impose its will on the Authority, and the Authority does not impose a financial burden on or provide a financial benefit to the District.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(2) Summary of Significant Accounting Policies (Continued)

The financial statements of the Authority have been prepared in conformity with accounting principles generally accepted in the United States of America ("GAAP"), as applicable to governmental entities. The Governmental Accounting Standards Board ("GASB") is the accepted primary standard-setting body for establishing governmental accounting and financial reporting standards. The Authority's significant accounting policies are described below.

(a) Measurement Focus and Basis of Accounting

The financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned, and expenses are recorded when a liability is incurred, regardless of the timing of the related cash flows. Grants and similar items are recognized when all eligibility requirements imposed by the grantor have been met.

(b) Cash and Cash Equivalents

The Authority invests all unrestricted cash balances, in excess of the required compensating balances, in interest-bearing accounts. The Authority's cash equivalents at year end consist of unrestricted and restricted investments, such as registered money market mutual funds and U.S. government agency obligations, which have an original maturity of 90 days or less, and are readily convertible to known amounts of cash.

For purposes of the accompanying statements of cash flows, cash and cash equivalents also include the Authority's restricted cash and cash equivalents.

(c) Investments

The Authority's investments at year end consist of unrestricted and restricted U.S. government agency obligations, U.S. Treasury notes, commercial paper, FDIC insured and negotiable certificates of deposit, corporate notes, supranational bonds and municipal bonds which have an original maturity in excess of 90 days. Money market investments and participating interest-earning investment contracts that have a remaining maturity at time of purchase of one year or less are reported at amortized cost. All other Investments are reported at fair value as of September 30, 2017 and 2016, respectively.

(d) Inventory

Inventory is recorded at the lower of weighted average cost or market value and consists primarily of operating and maintenance materials.

(e) Restricted Assets

Restricted assets represent unspent revenue bond proceeds, funds for the current payment of debt service, and unspent Federal capital appropriations. These assets, which cannot be used for routine operations, are classified as restricted assets since their use is limited by the applicable debt covenants and Federal Appropriations Act.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(2) Summary of Significant Accounting Policies (Continued)

(f) Capital Assets

The Authority's capital assets are comprised of the wastewater treatment plant, wastewater collection facilities, the water distribution system, purchased capacity, and capital equipment and fleet. Capital assets are reported at historical costs and include all ancillary costs. The wastewater treatment plant, collections facilities and water distribution system include project construction and development costs, internal engineering and construction management personnel costs, and interest costs incurred during the construction period.

Normal recurring maintenance and repair costs are charged to operations, whereas major repairs, improvements and replacements, which extend the useful lives of the capital assets, are capitalized. Construction-in-progress is transferred to capital assets in-service upon substantial completion or when placed in service, with related depreciation commencing at that time. The Authority's capitalization thresholds are: \$500 for wastewater treatment plant and collection facilities, and water distribution systems improvements; and \$5 for capital equipment and fleet.

Capital assets are depreciated using the straight-line method over the following estimated useful lives:

Asset class	Estimated useful lives				
Wastewater treatment plant	60 years				
Wastewater collection facilities	60 years				
Water distribution systems	60 years				
Purchased capacity	60 years				
Capital equipment and fleet	3 - 20 years				

The Authority recognizes a half-year of depreciation in the year the capital asset is placed in service and a half-year in the year of disposal.

As discussed in Note 1, the Authority is responsible for approximately 73% of the Aqueduct's operating and capital costs. The Authority records its share of operating costs as water purchases and capital costs as purchased capacity, an intangible asset. The Authority's policy is to capitalize capital costs required to be funded under long-term water purchase agreements and to amortize such costs over the shorter of the term of the contractual agreement or estimated useful life of the assets. For purposes of the Aqueduct, the Authority considers the term of the water purchase agreement to be indefinite as USACE is required by law to provide the Authority with a source of water from the Aqueduct and the Authority has no intent to terminate its Agreement to purchase water from USACE. Additionally, capital cost reimbursements made in prior years under the Authority's participation in the Jennings Randolph Reservoir (Bloomington Dam) and Little Seneca Lake projects are also included in purchased capacity.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(2) Summary of Significant Accounting Policies (Continued)

(g) Deferred Outflows of Resources

Deferred outflows of resources are defined as a consumption of net position by the Authority that is applicable to a future reporting period. Deferred outflows of resources increase net position, similar to assets. Deferred loss on bond refunding resulted from the difference between the carrying value of the refunded debt and its reacquisition price. Net losses are deferred and amortized over the life of the refunded or refunding debt, whichever is shorter.

(h) Compensated Absences

Employees earn vacation and sick leave based on a prescribed formula, which allows employees to accumulate an unlimited amount of sick leave, and vacation leave up to the maximum amounts shown in the table below. Vacation leave earned but unused by employees vests and is accrued as a liability. Generally, sick leave does not vest, and accordingly, it is recorded when used. However, as further discussed in Note 14d, the Authority Retirement Health Savings (RHS) Plan allows non-union, non-federal employees to use sick leave that is usually forfeited upon termination, to fund an account that can be used to pay for eligible medical expenses. Eligibility is established upon termination if an employee has five years of service and 100 hours of sick leave.

Accordingly, the Authority has recorded an accrual for earned sick leave only to the extent it is probable that the benefits will result in termination payments. In developing this estimate the Authority has taken into consideration past experience in making termination payments for sick leave, adjusted for the effect of changes in our termination payment policy and other current factors.

	Annual
	Carryover
Length of Service	Limits
Regular Union employees:	
1-3 years	240 hours
4-14 years	240-320 hours
Over 15 years	240-360 hours
Non-union employees:	
1-2 years	240 hours
3-6 years	320 hours
7 years	360 hours

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(2) Summary of Significant Accounting Policies (Continued)

(i) Bond Premiums, Discounts and Issuance Costs

Bond premiums and discounts incurred to issue debt are capitalized and amortized as interest expense over the related bond issue period using the effective interest method. Bond issuance costs are expensed in the period incurred.

(j) Net Position

Net position is categorized into three components as follows:

- Net investments in capital assets This component of net position consists of capital assets, net
 of accumulated depreciation and amortization and is reduced by the outstanding balances of any
 bonds or other borrowings that are attributable to the acquisition, construction, or improvement of
 those assets. Deferred outflows of resources and deferred inflows of resources that are attributable
 to the acquisition, construction, or improvement of those assets or related debt are also included
 in this component.
- Restricted This component of net position consists of restrictions placed on net position as a
 result of external constraints imposed by creditors (such as through debt covenants), grantors,
 contributors, or laws or regulations of other governments or constraints imposed by law through
 constitutional provisions or enabling legislation. When both restricted and unrestricted resources
 are available for use, generally it is the Authority's policy to use restricted resources first and the
 unrestricted resources when they are needed.
- *Unrestricted* This component consists of net position that does not meet the definition of "restricted" or "net investments in capital assets.

(k) Revenues and Expenses

Revenues and expenses are distinguished between operating and non-operating items. Operating revenues generally result from providing services in connection with the Authority's principal ongoing operations.

The principal operating revenues of the Authority are water and wastewater user charges, and charges for wholesale wastewater treatment. Revenues from user charges and sales of services are recognized as the related services are provided.

Operating expenses include the costs associated with the conveyance of water and wastewater, treatment of wastewater, administrative expenses, District payments-in-lieu-of-taxes (PILOT) and right-of-way (ROW) fees, and depreciation and amortization of capital assets. All revenues and expenses not meeting these definitions are reported as non-operating revenues and expenses.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(2) Summary of Significant Accounting Policies (Continued)

(I) Retail Water and Wastewater User Charges

Retail water and wastewater rates are approved by the Authority's Board of Directors. Charges to the District and the Federal government are the same as those charged to retail customers. Charges for services provided but unbilled at the end of the year are recorded as revenue on an estimated basis, which considers historical usage patterns and current rates. Allowances for customer receivables that ultimately may be uncollectible are estimated and charged to expense. Amounts received in advance or in excess of the user charge for a billing period are recorded as unearned revenues until such time as these amounts are either refunded or applied against future user charges.

(m) Charges for Wholesale Wastewater Treatment and Unearned Revenue

The cost of operating and maintaining the wastewater treatment plant and related collection facilities applicable to non-District users is billed to participating jurisdictions based upon their share of flows in accordance with terms of the IMA agreement discussed in Note 1c. The charges for operating and maintenance costs and for overhead costs incurred on capital projects are recorded as charges for wholesale wastewater treatment revenue in the year the costs are incurred. The costs of capital projects required for the joint use facilities are allocated to the participating jurisdictions based on their applicable capacity allocation as set forth in the 2012 IMA. The reimbursements for capital related costs are recorded as unearned revenue and are amortized into user charges for wholesale wastewater treatment revenues over the estimated useful lives of the related assets.

(n) Contingencies

Liabilities from loss contingencies arising from claims, assessments, litigation, fines and penalties, and other sources, are recorded when information available before the financial statements are issued indicates that it is probable that an asset has been impaired or a liability has been incurred at the date of the financial statements and the amount of the loss can be reasonably estimated. When the reasonable estimate of the loss is a range, and when no amount within the range is a better estimate than any other amount, the Authority accrues a loss for the minimum amount in the range.

(o) Use of Estimates

The preparation of financial statements in conformity with U.S generally accepted accounting principles (GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets, deferred outflows of resources, liabilities and deferred inflows of resources and disclosure of contingent assets and liabilities at the date of the basic financial statements. Estimates also affect the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(2) Summary of Significant Accounting Policies (Continued)

(p) Adoption of New Accounting Standards

During the fiscal year ended September 30, 2017, the Authority adopted the following new accounting standards issued by the Governmental Accounting Standards Board (GASB): Statement No. 73, Accounting and Financial Reporting for Pensions and Related Assets That Are Not within the Scope of GASB Statement 68, and Amendments to Certain Provisions of GASB Statements 67 and 68; Statement No. 74, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans; Statement No. 77, Tax Abatement Disclosures; Statement No. 78, Pensions Provided through Certain Multiple-Employer Defined Benefit Pension Plans; Statement No. 80, Blending Requirements for Certain Component Units; and Statement No. 82, Pension Issues

Implementation of GASB Statement Nos. 73, 74, 77, 78 and 82 had no impact on the Authority's fiscal year 2017 financial statements. The Authority's implementation of GASB Statement No. 80 did not have a material impact on the Authority's fiscal year 2017 financial statements because the operations of Blue Drop, LLC, a not-for-profit limited liability company, were not material to the financial statements taken as a whole, but did result in additional required disclosures. See note 1(d).

(g) New Accounting Pronouncements to be Implemented in the Future

The Authority plans to implement the following GASB pronouncements by the required implementation dates:

		Required	
		Implementation Date	Authority
No.	Title	(Period Beginning After)	Fiscal Year
75	Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions	June 15, 2017	2018
81	Irrevocable Split-Interest Agreements	December 15, 2016	2018
83	Certain Asset Retirement Obligations	June 15, 2018	2019
84	Fiduciary Activities	December 15, 2018	2020
85	Omnibus 2017	June 15, 2017	2018
86	Certain Debt Extinguishment Issues	June 15, 2017	2018
87	Leases	December 15, 2019	2021

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments

(a) Authorized Cash Deposits and Investments

The Authority's Investment Policy, which is compliant with the Authority's bond covenants and master indenture, requires that all cash and other deposits maintained in financial institutions be collateralized, including bank deposits and collateralized certificates of deposit. Collateral is required to be secured in accordance with the following policy: a) collateralization on all deposits of the Authority in excess of the amount protected by federal deposit insurance; and b) collateralization with any of the following: (i) U.S. Treasury obligations, (ii) Federal agency obligations, or (iii) a Letter of Credit issued by a Federal Home Loan Bank the amount of which shall be 102% of the deposits held. Collateral shall always be held by an independent third-party custodian in the name of the Authority.

The Authority's Investment Policy permits investments in the following securities:

- (1) *U.S. Treasury Obligations*. U.S Treasury bills, notes, or any other obligation or security issued by or backed by the full faith and credit of the US Treasury. These securities shall be limited to a maximum maturity of five (5) years at the time of purchase.
- (2) Registered Investment Companies (Mutual Funds). Shares in open-end, no-load investment funds provided such funds are registered under the Federal Investment Company Act of 1940, invest exclusively in the securities permitted under this investment policy, provided that the fund is rated "AAAm" or "AAAm-G" or the equivalent.
- (3) Repurchase Agreements. Contracts shall be invested in only if certain conditions are met, including: a) the Repurchase Agreement has a term to maturity of no greater than ninety (90) days; b) the contract is fully secured by deliverable U.S. Treasury and Federal Agency obligations, having a market value at all times of at least one hundred two percent (102%) of the amount of the contract; and c) the counterparty meets certain criteria specified in the Investment Policy.
- (4) Federal Agency Obligations. Bonds, notes, debentures, or other obligations or securities issued by a Federal government agency or instrumentality, except Collateralized Mortgage Obligations, with a rating of at least "AA" or equivalent from two major rating agencies. These obligations shall be limited to a maximum maturity of five (5) years at the time of purchase.
- (5) Bankers' Acceptances. Issued by a domestic bank or a federally chartered domestic office of a foreign bank, which are eligible for purchase by the Federal Reserve System, may be purchased if the following conditions are met: a) the maturity is no greater than one hundred-eighty days (180) days; and b) it is rated not lower than 'A-1' or the equivalent.
- (6) Commercial Paper. Unsecured short-term debt of U.S. corporations may be purchased if certain conditions are met, including: a) the maturity is no greater than two hundred-seventy days (270) days; and b) the issuing corporation, or its guarantor, has a short-term debt rating of no less than "A-1" (or its equivalent) by at least two of the Nationally Recognized Statistical Rating Organizations ("NRSRO").

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

- (7) Collateralized Certificates of Deposit in state chartered banks or federally charted banks. Collateralized Certificates of Deposit shall be collateralized at 102%.
- (8) Corporate Notes. High quality corporate notes that meet the following criteria: 1) a rating of at least 'AA' (or its equivalent) from at least one NRSRO and a rating of at least 'A' (or its equivalent) from a second NRSRO; and 2) the final maturity shall not exceed a period of five (5) years from the time of purchase.
- (9) FDIC insured Certificates of Deposit obtained through Certificate of Deposit placement services including the Certificate of Deposit Account Registry Service (CDARS). In 2012, the Authority began participating in CDARS program. The program allows the Authority to allocate funds into certificates of deposit in increments, which ensure the funds are eligible for full FDIC insurance.
- (10) Federal Agency Mortgage-Backed Securities. Issued by Fannie Mae, Freddie Mac, or the Government National Mortgage Association (GNMA) that meet the following criteria: 1) a rating of at least "AA" (or its equivalent) by two NRSROs; 2) The weighted average life (WAL) shall not exceed a period of five (5) years from the time of purchase.
- (11) Negotiable Certificates of Deposit and Bank Deposit Notes of domestic banks and domestic offices of foreign banks with: a) ratings of at least 'A-1' (or its equivalent) by two NRSROs for maturities of one (1) year or less; b) a rating of at least 'AA' (or its equivalent) from at least one NRSRO and a rating of at least 'A' (or its equivalent) from a second NRSRO for maturities over one (1) year; and c) the final maturity shall not exceed a period of five (5) years from the time of purchase.
- (12) Supranational Bonds. Obligations, participations or other instruments of any Federal agency, instrumentality or United States government-sponsored enterprise, including those issued or fully guaranteed as to the principal and interest by Federal agencies, instrumentalities or United States government sponsored enterprises, provided that: 1) at time of purchase the maturity does not to exceed five (5) years; and 2) have a rating of at least 'A' (or its equivalent) from at least two NRSROs.
- (13) Municipal Obligations. Municipal bonds, notes and other evidences of indebtedness of the District or any state or local government may be purchased that meet certain criteria, including: a) final maturity on the date of investment not to exceed five (5) years; b) rated in either of the two highest rating categories by a NRSRO; and c) the total holdings of any single issue do not represent more than 25% of the total issue.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

Additionally, the Authority's Investment Policy has established the following limits as to the maximum percentage of the investment portfolio that is permitted to be invested in each type of eligible security:

Security		Security	
Collateralized Bank Deposits	100%	Collateralized Certificates of Deposit	30%
U.S. Treasury Obligations	100%	Corporate Notes	30%
Registered Money Market Mutual Funds	100%	FDIC-insured Certificates of Deposit	30%
Repurchase Agreements	100%	Federal Agency Mortgage-Backed Securities	30%
Federal Agency Obligations	80%	Negotiable Certificates of Deposit	30%
Bankers' Acceptances	40%	Supranational Bonds	30%
Commercial Paper	35%	Municipal Obligations	20%

The Authority's Investment Policy also stipulates that no more than 5% of the Authority's portfolio will be invested in the securities of any single issuer with following exceptions:

U.S. Treasury	100%	maximum
Each Mutual Fund	50%	maximum
Each Repurchase Agreement Counterparty	50%	maximum
Each Federal Agency	40%	maximum

For the years ended September 30, 2017 and 2016, the Authority was in full compliance with the Investment Policy.

(b) Cash Deposits

At September 30, 2017 and 2016, the carrying amounts of the Authority's unrestricted and restricted bank deposits were \$104,742 and \$112,215 respectively. These bank deposits were entirely insured or collateralized with securities or letters of credit at 102% of the market value of principal, plus accrued interest held by the Authority's independent agent in the Authority's name.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

(c) Fair Value Measurements

The Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The Authority is required to classify certain assets and liabilities based on the following fair value hierarchy:

Level 1: Quoted price in active markets for identical assets.

Level 2: Inputs other than quoted prices included in level 1 that are observable, either directly or indirectly. Debt securities are priced based on a compilation of primarily observable market information or broker quote in a non-active market.

Level 3: Inputs are significant unobservable inputs.

As noted in the following table, all of the Authority's investments that are reported at fair value have been measured using Level 2 inputs as of September 30, 2017 and 2016, respectively:

Egir Value Maggurament et

	Fair Value Measurement at			
	Reportable Date Using			
		Significa	ant C	Other
		Observat	ole In	puts
		(Lev	æl 2))
Investments by fair value level		2017		2016
U.S. Treasury notes	\$	123,493	\$	37,997
Corporate notes		19,586		25,044
U.S. government agency obligations	tions 19,345			67,184
Negotiable certificates of deposit	8,156			12,012
Supranational Bonds		6,410		3,755
Municipal bonds		5,232		4,743
Total investments at fair value		182,222		150,735
Investments and cash equivalents				
carried at amortized cost		224,539		208,784
Total investments and cash equivalents	\$	406,761	\$	359,519

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

(d) Cash Equivalents and Investments

As of September 30, 2017 and 2016, the Authority held the following cash equivalents and investments:

Cash equivalents and investments	2017	Weighted Average Maturity (Years)	2016	Weighted Average Maturity (Years)
Registered money market mutual	\$142,139	0.083	\$125,783	0.083
U.S. Treasury notes	140,975	0.941	43,009	1.270
Commercial paper	49,657	0.342	62,792	0.257
Corporate notes	19,586	1.750	25,044	1.772
U.S. government agency obligations	19,345	1.871	67,184	1.191
FDIC-insured certificates of deposit	15,261	0.151	15,197	0.326
Negotiable certificates of deposit	8,156	1.551	12,012	0.839
Supranational Bonds	6,410	2.076	3,755	2.584
Municipal bonds	5,232	1.442	4,743	2.324
Total cash equivalents and investments	\$406,761	0.658	\$359,519	0.671

The Authority's exposure to foreign currency risk, interest rate risk, credit risk and custodial risk associated with its cash deposits and investments are described below:

Foreign Currency Risk – Foreign currency risk is the risk that changes in the exchange rates will adversely impact the fair values of an investment. The Authority's investments are not subject to foreign currency risk as the Authority held no investments denominated in foreign currency as of and for the years ended September 30, 2017 and 2016, respectively.

Interest Rate Risk – Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, an investment with a longer maturity will have a greater sensitivity to fair value changes that are related to market interest rates. As a means of limiting its exposure to fair value losses resulting from rising interest rates, the Authority's Investment Policy limits the Authority's investment portfolio to investments with certain maximum maturities.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

The following are the maximum maturities established by the Authority's investment policy:

Security	Maturities	Security	Maturities
U.S. Treasury Obligations	5 years	Corporate Notes	5 years
Registered Money Market Mutual Funds	NA	FDIC-insured Certificates of Deposit	NA
Repurchase Agreements	90 days	Federal Agency Mortgage-Backed Securities	5 years
Federal Agency Obligations	5 years	Negotiable Certificates of Deposit	5 years
Bankers' Acceptances	180 days	Supranational Bonds	5 years
Commercial Paper	270 days	Municipal Obligations	5 years
Collateralized Certificates of Deposit	NA		

Additionally, the Authority monitors the interest rate risk inherent in its portfolio by measuring the weighted average maturity of its portfolio of debt instruments.

As reflected in the table on the previous page, the weighted average maturity of the Authority's investment portfolio was 0.658 years and 0.671 years as of September 30, 2017 and 2016, respectively.

Credit Risk – Generally, credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized rating organization. The Authority manages this risk by establishing minimum credit ratings in its investment policy.

The table below reflects the allocation of the Authority's investments by credit quality rating as of September 30, 2017:

					Credit (Quality F	Rating				
Investment Type	AAA	AA+	AA	AA-	A+	Α	A-1	A-1+	AAAm	Not Rated	Total
U.S. government agency obligations		4.8%									4.8%
Commercial paper							10.9%	1.3%			12.2%
Registered money market mutual									34.9%		34.9%
U.S. Treasury notes		34.6%									34.6%
FDIC-Insured certificates of deposit										3.8%	3.8%
Corporate notes	0.3%	0.6%	0.4%	1.9%	0.9%	0.8%					4.9%
Negotiable certificates of deposit				1.1%	0.9%						2.0%
Supranational Bonds	1.6%										1.6%
Municipal bond	0.1%		0.9%		0.2%						1.2%
	2.0%	40.0%	1.3%	3.0%	2.0%	0.8%	10.9%	1.3%	34.9%	3.8%	100.0%

At September 30, 2017, the Authority's investments with exposure to credit risk met the minimum credit ratings required in the Authority's investment policy.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

Custodial Credit Risk – Deposits is the risk that, in the event of the failure of the depository financial institution, the Authority will not be able to recover the deposits or collateral securities that are in the possession of an outside party. The Authority had no custodial credit risk associated with cash deposits as all other bank deposits were entirely insured or collateralized with securities or letters of credit at 102% of the market value of principal, plus accrued interest and held by the Authority's independent agent in the Authority's name.

Custodial Credit Risk – Investments is the risk that in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of the outside party. The Authority has no custodial credit risk as all Authority investments are held in the Authority's name by an independent custodial agent for the term of the agreement and investments in obligations of the United States or its agencies are held by the Federal Reserve in a custodial account.

Other Required Disclosures – As of and for the years ended September 30, 2017 and 2016, the Authority did not have any:

- Commitments to resell securities under yield maintenance agreements;
- Losses due to defaults by counterparties or recoveries from prior period losses; or
- Investments in any one issuer that represent 5% or more of total investments, excluding
 investments explicitly guaranteed by the U.S. government and its agencies and investments in
 mutual funds, external investment pools and other pooled investments that are excluded from this
 disclosure requirement.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

(d) Cash and Investment Schedule

A schedule of cash, cash equivalents and investments as of September 30, 2017 and 2016 follows:

		2017				2016	
Description	Unrestricted	Restricted	Total	Uı	restricted	Restricted	Total
Cash and cash equivalents							
Demand deposits	\$ 104,742	\$ -	\$104,742	\$	112,215	\$ -	\$112,215
Registered money market mutual	92	142,047	142,139		68	125,715	125,783
Total cash and cash equivalents	104,834	142,047	246,881	_	112,283	125,715	237,998
Investments							
U.S. Treasury notes	33,643	107,332	140,975		16,118	26,891	43,009
Commercial paper	-	49,657	49,657		1,790	61,002	62,792
Corporate notes	19,586	-	19,586		25,044	-	25,044
U.S. government agency obligations	19,345	-	19,345		28,323	38,861	67,184
FDIC-insured certificates of deposit	15,261	-	15,261		15,197	-	15,197
Negotiable certificates of deposit	8,156	-	8,156		12,012	-	12,012
Supranational Bonds	6,410	-	6,410		3,755	-	3,755
Municipal bonds	5,232	-	5,232		4,743	-	4,743
Total Investments	107,633	156,989	264,622		106,982	126,754	233,736
Total cash, cash equivalents & investments	\$ 212,467	\$299,036	\$511,503	\$	219,265	\$252,469	\$471,734

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(3) Cash Deposits and Investments (Continued)

(e) Restricted Cash and Investment Schedule

A schedule of restricted cash, cash equivalents and investments as of September 30, 2017 and 2016 follows:

Restricted cash and cash equivalents (current and noncurrent) 2016 B EIB Construction Funds \$ 24,680 \$ 24,500 Principal payment, 1998 revenue bonds 14,750 13,924 Interest payment, 2015AB revenue bonds 8,760 8,760 8,760 Interest payment, 2014C revenue bonds 8,710 10,500 Interest payment, 2014C revenue bonds 8,710 10,500 Interest payment, 2014A revenue bonds 8,157 8,398 Interest payment, 2010 revenue bonds 7,959 8,079 10,500 Interest payment, 2010 revenue bonds 7,959 8,079 7,553 Interest payment, 2010 revenue bonds 7,959 8,079 7,653 Interest payment, 2017 A&B Senior Lien Interest 7,013 - 7,674 7,534 Interest payment, 2017 A&B Senior Lien Interest 7,013 - 7,574 7,574	Description	2017	:	2016
Principal payment, 1998 revenue bonds 14,750 13,924 Interest payment, 2015AB revenue bonds 8,760 8,760 Interest payment, 2016A revenue bonds 8,734 8,739 Interest payment, 2016A revenue bonds 8,710 10,500 Interest payment, 2010 revenue bonds 8,425 8,431 Interest payment, 2010 revenue bonds 7,959 8,079 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2013 revenue bonds 6,735 6,604 Principal payment, 2018 revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - Pebt service reserve account, 1998 revenue bonds 5,526 211 Interest payment, 2012 revenue bonds 5,526 211 Interest payment, 1998 revenue bonds 3,815 3,498 Extendable municipal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2008 revenue bonds 340 506 Interest payme	Restricted cash and cash equivalents (current and noncurrent)			
Interest payment, 2015AB revenue bonds	2016 B EIB Construction Funds	\$ 24,680	\$	24,500
Interest payment, 2014C revenue bonds 8,734 8,739 Interest payment, 2014A revenue bonds 8,425 8,431 Interest payment, 2014A revenue bonds 8,425 8,431 Interest payment, 2010 revenue bonds 8,157 8,398 Interest payment, 2012A,C revenue bonds 7,959 8,079 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2017 A&B Senior Lien Interest 7,013 - Principal payment, 2008 revenue bonds 6,725 6,604 Revenue bonds 2017B 6,725 - 2,114 Principal payment, 2012 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 361 242 164	Principal payment, 1998 revenue bonds	14,750		13,924
Interest payment, 2014C revenue bonds 8,734 8,739 Interest payment, 2016A revenue bonds 8,710 10,500 Interest payment, 2014A revenue bonds 8,425 8,431 Interest payment, 2010 revenue bonds 8,157 8,398 Interest payment, 2012AC revenue bonds 7,959 8,079 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2017 A&B Senior Lien Interest 7,013 - Principal payment, 2008 revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - 2014 7,015 6,004 7,015	Interest payment, 2015AB revenue bonds	8,760		8,760
Interest payment, 2016A revenue bonds		8,734		8,739
Interest payment, 2014A revenue bonds 8,435 8,431 Interest payment, 2010 revenue bonds 7,959 8,079 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2017 A&B Senior Lien Interest 7,013 - Principal payment, 2008 revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - Debt service reserve account, 1998 revenue bonds 5,140 4,919 Interest payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 3,815 3,498 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,930 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 340 506 Interest payment, 2016 B Evenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, 2009 revenue bonds 71	Interest payment, 2016A revenue bonds	8,710		10,500
Interest payment, 2012AC revenue bonds 7,959 8,079 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2017 Revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - Debt service reserve account, 1998 revenue bonds 5,526 21 Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2016 B EIB 429 - Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Inte	Interest payment, 2014A revenue bonds	8,425		8,431
Interest payment, 2012AC revenue bonds 7,959 8,079 Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2017 A&B Senior Lien Interest 7,013 - Principal payment, 2008 revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - Debt service reserve account, 1998 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38	Interest payment, 2010 revenue bonds	8,157		8,398
Interest payment, 2013 revenue bonds 7,497 7,534 Interest payment, 2017 A&B Senior Lien Interest 7,013 - Principal payment, 2008 revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - Debt service reserve account, 1998 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 2012 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, 2009 revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2014B revenue bonds 31 1,833		7,959		8,079
Interest payment, 2017 A&B Senior Lien Interest		7,497		7,534
Principal payment, 2008 revenue bonds 6,735 6,604 Revenue bonds 2017B 6,725 - Debt service reserve account, 1998 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overfl	Interest payment, 2017 A&B Senior Lien Interest	7,013		_
Revenue bonds 2017B 6,725 - Debt service reserve account, 1998 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014B revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Re	Principal payment, 2008 revenue bonds			6,604
Debt service reserve account, 1998 revenue bonds 5,526 211 Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 340 506 Interest payment, 2009 revenue bonds 116 - Revenue bonds 2017A 117 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2014B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted inves				· -
Principal payment, 2012 revenue bonds 5,140 4,919 Interest payment, 1998 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 1116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2014B 1 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Revenue bonds 2017B 1	Debt service reserve account, 1998 revenue bonds	5,526		211
Interest payment, 1998 revenue bonds 4,307 5,587 Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 - Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Revenue bonds 2017B		5,140		4,919
Principal payment, 2009 revenue bonds 3,815 3,498 Extendable municipal commercial paper 2,330 2,326 Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429				5,587
Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 1 - Revenue bonds 2017A 18,167 - Revenue bonds 2017B 120,724 - Revenue bonds 2015B - 24,970 Revenue bonds 2015B - 78,402 <td></td> <td></td> <td></td> <td></td>				
Revenue bonds 2015A 1,043 233 Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2008 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 1 - Revenue bonds 2017A 18,167 - Revenue bonds 2017B 120,724 - Revenue bonds 2015B - 24,970 Revenue bonds 2015B - 78,402 <td>Extendable municipal commercial paper</td> <td>2,330</td> <td></td> <td>2,326</td>	Extendable municipal commercial paper	2,330		2,326
Interest payment, 2016 B EIB 429 - Interest payment, commercial paper 352 637 Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 18,167 - Revenue bonds 2017A 18,167 - Revenue bonds 2015B 120,724 - Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds		1,043		233
Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 1 - Revenue bonds 2017A 18,167 - - Revenue bonds 2017B 120,724 - - Revenue bonds 2015B - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, 2016 B EIB			_
Interest payment, 2008 revenue bonds 340 506 Interest payment, 2009 revenue bonds 182 236 Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 1 - Revenue bonds 2017A 18,167 - - Revenue bonds 2017B 120,724 - - Revenue bonds 2015B - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, commercial paper	352		637
Revenue bonds 2017A 117 - Interest payment, EMCP Series A 116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 18,167 - Revenue bonds 2017A 18,167 - - 24,970 Revenue bonds 2017B 120,724 - - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, 2008 revenue bonds	340		506
Interest payment, EMCP Series A 1116 - Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 1 - Revenue bonds 2017A 18,167 - - Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, 2009 revenue bonds	182		236
Interest payment, 2014B revenue bonds 71 96 Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) Revenue bonds 2017A 18,167 - Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Revenue bonds 2017A	117		_
Revenue bonds 2014C 63 124 Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) Revenue bonds 2017A 18,167 - Revenue bonds 2017B 120,724 - - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, EMCP Series A	116		_
Interest payment, 2012C revenue bonds 36 38 Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 18,167 - Revenue bonds 2017A 120,724 - - Revenue bonds 2017B 120,724 - - Revenue bonds 2015B - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, 2014B revenue bonds	71		96
Revenue bonds 2015B 31 1,833 Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 18,167 - Revenue bonds 2017A 120,724 - - Revenue bonds 2017B 120,724 - - 24,970 Revenue bonds 2015A - 78,402 - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Revenue bonds 2014C	63		124
Combined sewer overflow (CSO) federal appropriations 2 1 Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 8 18,167 - Revenue bonds 2017A 120,724 - - Revenue bonds 2017B 120,724 - - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, 2012C revenue bonds	36		38
Revenue bonds 2014A 1 1 Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 3 18,167 - Revenue bonds 2017A 120,724 - - Revenue bonds 2017B 120,724 - - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Revenue bonds 2015B	31		1,833
Interest payment, 2007 revenue bonds 1 - Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent) 318,167 - Revenue bonds 2017A 120,724 - Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Combined sewer overflow (CSO) federal appropriations	2		1
Total restricted cash and cash equivalents 142,047 125,715 Restricted investments (current and noncurrent)	Revenue bonds 2014A	1		1
Restricted investments (current and noncurrent) 18,167 - Revenue bonds 2017A 120,724 - Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Interest payment, 2007 revenue bonds	1		_
Revenue bonds 2017A 18,167 - Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Total restricted cash and cash equivalents	142,047		125,715
Revenue bonds 2017A 18,167 - Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	Destrict discontinues to Assess the Assess Assess t			
Revenue bonds 2017B 120,724 - Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754	,	40.467		
Revenue bonds 2015A - 24,970 Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754				-
Revenue bonds 2015B - 78,402 Debt service reserve account, 1998 revenue bonds 18,098 23,382 Total restricted investments 156,989 126,754				-
Debt service reserve account, 1998 revenue bonds Total restricted investments 18,098 23,382 156,989 126,754				
Total restricted investments 156,989 126,754				
Total restricted cash, cash equivalents & investments \$ 299,036 \$252,469	lotal restricted investments	156,989		126,754
	Total restricted cash, cash equivalents & investments	\$ 299,036	\$2	252,469

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(4) Capital Assets

The following tables present the activity in capital assets for the years ended September 30, 2017 and 2016:

	Balance 9/30/2016	Additions	Disposals	Transfers	Balance 9/30/2017
Capital Assets					
Wastewater treatment plant	\$2,383,176	\$ -	\$ -	\$ 626,898	\$3,010,074
Wastewater collection facilities	843,095	-	· -	13,764	856,859
Water distribution system	1,095,216	_	(9,650)	26,892	1,112,458
Purchased capacity	349,210	7,640	-	_	356,850
Capital equipment	220,584	6,985	(766)	26,634	253,437
Total capital assets in service	4,891,281	14,625	(10,416)	694,188	5,589,678
Less accumulated depreciation:		,	(- , - ,		
Wastewater treatment plant	(629,272)	(46,239)	_	_	(675,511)
Wastewater collection facilities	(267,272)	(13,654)	_	_	(280,926)
Water distribution system	(274,429)	(18,577)	1,936	_	(291,070)
Purchased capacity	(88,360)	(5,945)	,		(94,305)
Capital equipment	(181,299)	(13,485)	763	_	(194,021)
Total accumulated depreciation	(1,440,632)	(97,900)	2,699		(1,535,833)
Net capital asssets in service	3,450,649	(83,275)	(7,717)	694,188	4,053,845
Construction-in-progress	2,544,698	638,745	-	(694, 188)	2,489,255
Net capital assets	\$5,995,347	\$555,470	\$ (7,717)	\$ -	\$6,543,100
	Balance				Balance
	Balance 9/30/2015	Additions	Disposals	Transfers	Balance 9/30/2016
Capital Assets	Balance 9/30/2015	Additions	Disposals	Transfers	Balance 9/30/2016
Capital Assets Wastewater treatment plant	9/30/2015	Additions	Disposals		9/30/2016
Capital Assets Wastewater treatment plant Wastewater collection facilities	9/30/2015 \$2,367,163	-	- <u> </u>	\$ 16,013	9/30/2016 \$ 2,383,176
Wastewater treatment plant Wastewater collection facilities	9/30/2015 \$2,367,163 828,130	-	- <u> </u>	\$ 16,013 14,965	9/30/2016 \$2,383,176 843,095
Wastewater treatment plant Wastewater collection facilities Water distribution system	9/30/2015 \$2,367,163	-	- <u> </u>	\$ 16,013	9/30/2016 \$2,383,176 843,095 1,095,216
Wastewater treatment plant Wastewater collection facilities	9/30/2015 \$2,367,163 828,130 1,054,046	\$ - - 7,236	\$ - - - -	\$ 16,013 14,965 41,170	9/30/2016 \$2,383,176 843,095
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573	\$ - -	- <u> </u>	\$ 16,013 14,965	9/30/2016 \$2,383,176 843,095 1,095,216 349,210
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity	9/30/2015 \$2,367,163 828,130 1,054,046 341,974	\$ - - 7,236 (35)	\$ - - - - (96)	\$ 16,013 14,965 41,170 - 17,142	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573	\$ - - 7,236 (35)	\$ - - - (96) (96)	\$ 16,013 14,965 41,170 - 17,142	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation:	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392)	\$ - - 7,236 (35) 7,201	\$ - - - (96) (96)	\$ 16,013 14,965 41,170 - 17,142	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886	\$ - - 7,236 (35) 7,201 (40,880)	\$ - - - (96) (96)	\$ 16,013 14,965 41,170 - 17,142	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272)
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant Wastewater collection facilities	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392) (253,807)	\$ - - 7,236 (35) 7,201 (40,880) (13,465)	\$ - - - (96) (96)	\$ 16,013 14,965 41,170 - 17,142	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272) (267,272)
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant Wastewater collection facilities Water distribution system	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392) (253,807) (256,622)	\$ - 7,236 (35) 7,201 (40,880) (13,465) (17,807)	\$ - - - (96) (96)	\$ 16,013 14,965 41,170 - 17,142	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272) (267,272) (274,429)
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392) (253,807) (256,622) (82,540)	\$ - 7,236 (35) 7,201 (40,880) (13,465) (17,807) (5,820)	\$ - - (96) (96) - - - - 96	\$ 16,013 14,965 41,170 - 17,142 89,290	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272) (267,272) (274,429) (88,360)
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment	9/30/2015 \$ 2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392) (253,807) (256,622) (82,540) (169,855)	\$ - 7,236 (35) 7,201 (40,880) (13,465) (17,807) (5,820) (11,540)	\$ - - (96) (96) - - - - 96	\$ 16,013 14,965 41,170 - 17,142 89,290	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272) (267,272) (274,429) (88,360) (181,299)
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total accumulated depreciation	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392) (253,807) (256,622) (82,540) (169,855) (1,351,216)	\$ - 7,236 (35) 7,201 (40,880) (13,465) (17,807) (5,820) (11,540) (89,512)	\$ - - (96) (96) - - - - 96	\$ 16,013 14,965 41,170 - 17,142 89,290 - - - -	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272) (267,272) (274,429) (88,360) (181,299) (1,440,632)
Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total capital assets in service Less accumulated depreciation: Wastewater treatment plant Wastewater collection facilities Water distribution system Purchased capacity Capital equipment Total accumulated depreciation Net capital asssets in service	9/30/2015 \$2,367,163 828,130 1,054,046 341,974 203,573 4,794,886 (588,392) (253,807) (256,622) (82,540) (169,855) (1,351,216) 3,443,670	\$ - 7,236 (35) 7,201 (40,880) (13,465) (17,807) (5,820) (11,540) (89,512) (82,311)	\$ - - (96) (96) - - - - 96	\$ 16,013 14,965 41,170 - 17,142 89,290 - - - - 89,290	9/30/2016 \$2,383,176 843,095 1,095,216 349,210 220,584 4,891,281 (629,272) (267,272) (274,429) (88,360) (181,299) (1,440,632) 3,450,649

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(4) Capital Assets (Continued)

For the years ended September 30, 2017 and 2016, total interest expense incurred was \$52,750 and \$65,183, and total capitalized interest was \$77,003 and \$62,800, respectively. During fiscal year 2017, the Authority incurred losses on disposals of capital assets in the amount of \$7,717. This amount has been included in interest expense and other non-operating expenses on the statement of revenues, expenses, and changes in net position.

The following tables present the activity in purchased capacity for the years ended September 30, 2017 and 2016:

	Balance 9/30/2016	Additions	Balance 9/30/2017
Purchased capacity			
Washington Aqueduct	\$317,020	\$ 7,640	\$324,660
Jennings Randolph Reservoir	19,863	-	19,863
Little Seneca Lake	12,327		12,327
Total in service	349,210	7,640	356,850
	·		
Less accumulated depreciation:			
Washington Aqueduct	(72,462)	(5,347)	(77,809)
Jennings Randolph Reservoir	(9,430)	(393)	(9,823)
Little Seneca Lake	(6,468)	(205)	(6,673)
Total accumulated depreciation	(88,360)	(5,945)	(94,305)
Purchased capacity, net	\$260,850	\$ 1,695	\$262,545
	Balance 9/30/2015	Additions	Balance 9/30/2016
Purchased capacity			
Washington Aqueduct	\$309,784	\$ 7,236	\$317,020
Jennings Randolph Reservoir	19,863	-	19,863
Little Seneca Lake	12,327		12,327
Total in service	341,974	7,236	349,210
Less accumulated depreciation:			
Washington Aqueduct	(67,239)	(5,223)	(72,462)
Jennings Randolph Reservoir	(0.027)	(393)	(9,430)
	(9,037)	(000)	(0, 100)
Little Seneca Lake	(6,264)	(204)	(6,468)
Little Seneca Lake Total accumulated depreciation		` ,	, ,

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(5) Capital Contributions

Capital contributions consist of the following for the years ended September 30, 2017 and 2016, respectively:

Description	2017	2016
Federal grants and appropriations	\$ 23,956	\$ 29,470
Contributions from District government	110	2,961
Total	\$ 24,066	\$ 32,431

Capital contributions consist principally of Federal grants and appropriations and certain capital costs incurred by the Authority in fiscal year 2017 and 2016 to be reimbursed by the District government pursuant to the Memorandum of Understanding between the Authority and the District discussed in Note 13(c).

(6) Due from Federal Government

The amount due from the Federal government consists of the following at September 30, 2017 and 2016, respectively:

Description	2017	2016
Washington Aqueduct advance	\$ 31,994	\$ 24,150
Federal grants receivable	5,228	4,223
Total	\$ 37,222	\$ 28,373

The Washington Aqueduct advance consists of unexpended capital advances and an operating escrow of \$4,675 required under the Water Sales Agreement. Federal grants receivable represent amounts due from federal grantors related to allowable construction costs incurred but not billed and/or reimbursed as of the fiscal year end.

(7) Customer Receivables

The following is a summary of customer receivables, net as of September 30, 2017 and 2016:

2017	2016
\$ 63,358	\$ 60,616
22,005	21,441
85,363	82,057
(16,857)	(15,042)
\$ 68,506	\$ 67,015
	\$ 63,358 22,005 85,363 (16,857)

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(8) Due from Other Jurisdictions

The amount due from other jurisdictions under the 2012 IMA consists of the following at September 30, 2017 and 2016:

Description	2017	2016
Current:		
Washington Suburban Sanitary Commission	\$ 18,876	\$ 10,872
Fairfax	3,338	2,472
Loudoun County Sanitation Authority	1,491	937
Northern Virginia	96	92
Potomac Interceptor	707	587
Total current	24,508	14,960
Noncurrent:		
Washington Suburban Sanitary Commission	7,475	11,703
Northern Virginia	2,893	2,989
Fairfax	1,434	2,333
Loudoun County Sanitation Authority	628	1,031
Total noncurrent	12,430	18,056
Total due from other jurisdictions	\$ 36,938	\$ 33,016

(9) Compensated Absences

The following table reflects the activity associated with accrued compensated absences for the years ended September 30, 2017 and 2016, respectively:

	2017			2016								
Description	Vacat	on		Sick	Total		Va	acation		Sick		Total
Beginning of year	\$ 8,3	15	\$	9,073	\$ 17,388	_	\$	8,253	\$	7,805	\$	16,058
Increased (incurred)	1,7	69		2,518	4,287			2,112		2,201		4,313
Decreases	(1,2	16)		(860)	(2,076)	_		(2,050)		(933)		(2,983)
End of year	8,8	68		10,731	19,599	_		8,315		9,073		17,388
Less: current portion	1,5	53		858	2,411			1,443		592		2,035
Noncurrent portion	\$ 7,3	15	\$	9,873	\$ 17,188	-	\$	6,872	\$	8,481	\$	15,353

The current portion of compensated absences is included in compensation payable in the accompanying statements of net position.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(10) Short-Term Debt—Commercial paper notes payable and Extendable Municipal Commercial Paper

The Authority's commercial paper notes payable are comprised of the following as of September 30, 2017 and 2016, respectively:

	Balance	Balance
Description	9/30/2016	9/30/2017
Commercial Paper	\$ 29,200	\$ 29,200
Extendable Municipal Commercial Paper	50,000	50,000
	\$ 79,200	\$ 79,200

Polonoo

(a) Commercial Paper

A schedule of Commercial Paper activity for the years ended September 30, 2017 and 2016 is shown below:

	Balance	20	Balance	
Description	9/30/2016	Maturities	Re-Issuance	9/30/2017
Series C, interest from 0.67% to 1.25%, maturties ranged from 7 to 67 days	29,200	(262,800)) 262,800	29,200
maturiles ranged nom 7 to 67 days	29,200	(202,800)	202,000	29,200
	\$ 29,200	\$ (262,800)	\$ 262,800	\$ 29,200
Description	Balance 9/30/2015	20 Maturities	16 Re-Issuance	Balance 9/30/2016
Series C, interest from 0.24% to 0.60%, maturties ranged from 34 to 95 days	\$ 29,200	\$ (262,800)) \$ 262,800	\$ 29,200
Series B, interest from 0.03% to 0.07%, maturities ranged from 17 to 71 days	62,000	(87,000)) 25,000	
	\$ 91,200	\$ (349,800)) \$ 287,800	\$ 29,200

The Authority has established a commercial paper ("CP") program to provide interim financing for the Authority's capital improvement program. Two series of notes have been issued under the commercial paper program: the tax-exempt Series B CP Notes in an aggregate principal amount not to exceed \$100,000, and the taxable Series C CP Notes in an aggregate principal amount not to exceed \$50,000, (collectively, the "Commercial Paper Notes"), each as subordinate debt to the senior debt discussed in Note 11. To provide liquidity and credit support for the Commercial Paper Notes, the Authority obtained irrevocable, direct-pay letters of credit (the "Letters of Credit") issued by Landesbank Hessen-Thüringen Girozentrale, New York Branch (the "Bank") which currently expire on May 15, 2020.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(10) Short-Term Debt—Commercial Paper and Extendable Municipal Commercial Paper (Continued)

In connection with the Bank's issuance of the Letters of Credit, the Authority and the Bank entered into a Reimbursement Agreement for each series of CP Notes, each dated as of May 1, 2015, each as amended (collectively, the "Reimbursement Agreements") that obligates the Authority to pay Bank Obligations and Reimbursement Obligations (both as defined in the Eleventh Supplemental Indenture relating to the Commercial Paper Notes) and Fee Obligations (as defined in each Reimbursement Agreement) to the Bank. The Bank Obligations, the Reimbursement Obligations and Fee Obligations are Subordinate Debt under the Indenture.

(b) Extendable Municipal Commercial Paper

A schedule of Extendable Municipal Commercial Paper activity for the years ended September 30, 2017 and 2016 is shown below:

	Balance	2017	Balance
Description	9/30/2016	Maturities Re-Issuance	9/30/2017
EMCP Series A, interest from 0.57% to 1.00%, maturties ranged from 30 to 89			
days	\$ 50,000	\$ (350,000) \$ 350,000	\$ 50,000
	Balance	2016	Balance
Description	9/30/2015	Maturities Re-Issuance	9/30/2016
EMCP Series A, interest from 0.06% to 0.55%, maturties ranged from 27 to 90 days	\$ -	\$ (275,000) \$ 325,000	\$ 50,000

The Authority has authorized a \$100,000 Extendable Municipal Commercial Paper (EMCP) Program. The program consists of one series - A, in the amount of \$100,000. This program will provide interim financing for a portion of the Authority's Capital Improvement Program. Under this program the notes are issued backed by the liquidity and credit rating of the Authority. Each Series A EMCP Note will mature on its respective "Original Maturity Date", which may range from one to 90 days from the date of issuance, unless its maturity is extended on the "Original Maturity Date" to the "Extended Maturity Date", which will be the date that is 270 days after the date of issuance of the Series A EMCP Note. The notes are payable from and secured by a subordinate lien on the Authority's net revenues, as further described in the Authority's master trust indenture as supplemented. On December 1, 2015, the Authority issued the Series A EMCP Notes in the amount of \$50,000. The proceeds were used to (1) redeem \$47,310 of currently outstanding Commercial Paper (2) pay \$1 of accrued interest on the Commercial Paper as well as the interest associated with the Authority's public utility subordinate lien multimodal revenues bonds, 2012 series B-2 (3) pay \$355 associated cost of issuance of the Series A EMCP Note and (4) the remaining \$2,334 were contributed to the Construction Account.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt

A schedule of long-term debt activity for the year ended September 30, 2017 is shown below:

Description	Balance 9/30/2016	Increases	Decreases	Balance 9/30/2017	Due Within One Year
2017 Public Utility Revenue Bonds:	0,00,20.0			0,00,2011	0
Series A interest at 4.0 % to 5.0%, maturing in 2053	\$ -	\$100,000	\$ -	\$ 100,000	\$ -
Series B interest at 4.0 % to 5.0%, maturing in 2045	-	200,000	-	200,000	-
2016 Public Utility Revenue Bonds:	000 440			000 440	
Series A interest at 2.0 % to 5.0%, maturing in 2040 Series B interest at 3.4%, maturing in 2047	389,110 25,000	-	-	389,110 25,000	-
2015 Public Utility Revenue Bonds:	25,000	-	-	25,000	-
-	100 000			100 000	
Series A interest at 2.0 % to 5.0%, maturing in 2046	100,000	-	-	100,000	-
Series B interest at 5.0 % to 5.25%, maturing in 2045	250,000	-	-	250,000	-
2014 Public Utility Revenue Bonds:	350,000			250,000	
Series A interest at 4.81%, maturing in 2115	350,000	-	-	350,000	-
Series B-1 interest at 1.0 % to 3.25%, maturing in 2051	50,000	-	-	50,000	-
Series B-2 interest at 1.0 % to 3.25%, maturing in 2051	50,000	-	-	50,000	-
Series C interest at 3.0 % to 5.0%, maturing in 2045	377,110	-	-	377,110	-
2013 Public Utility Revenue Bonds:	200 000			200 000	
interest at 4.75% to 5.0%, maturing in 2049	300,000	-	-	300,000	-
2012 Public Utility Revenue Bonds:	400.055		(4.045)	450.740	F 440
Series A interest at 2.0 % to 5.0%, maturing in 2038	163,655	-	(4,915)	158,740	5,140
Series B-2 interest at 2.26%, maturing in 2040	-	-	-	400.045	-
Series C interest at 4.0% to 5.0%, maturing in 2034	163,215	-	-	163,215	-
2010 Series A Public Utility Revenue Bonds:	000 000			000 000	
interest at 4.1% to 5.5%, maturing in 2045	300,000	-	-	300,000	-
2009 Series A Public Utility Revenue Bonds:	44.505		(0.405)	0.040	0.045
interest at 3.0% to 6.0%, maturing in 2019	11,535	-	(3,495)	8,040	3,815
2008 Series A Public Utility Revenue Bonds:			(0.000)	40.000	
interest at 4.0% to 5.0%, maturing in 2019	20,200	-	(6,600)	13,600	6,735
1998 Public Utility Revenue Bonds:			(40.000)	4=0.00=	
interest ranges from 5.5% to 6.0%, maturing in 2029	170,525	-	(13,920)	156,605	14,750
Notes payable to the Federal Government for Jennings					
Randolph Reservoir (Bloomington Dam):			(0.0-1)		100
interest at 3.25%, maturing in 2041	12,841	-	(387)	12,454	400
Subtotal	2,733,191	300,000	(29,317)	3,003,874	30,840
Unamortized bond premiums	198,677	34,345	(10,236)	222,786	-
Unamortized bond discounts	(2,222)	-	129	(2,093)	-
Total bonds and notes	\$2,929,646	\$334,345	\$ (39,424)	\$3,224,567	\$ 30,840

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

A schedule of long-term debt activity for the year ended September 30, 2016 is shown below:

Description	Balance 9/30/2015	Increases	Decreases	Balance 9/30/2016	Due Within One Year
2016 Public Utility Revenue Bonds:	9/30/2013	IIIOIGASCS	Decicases	3/30/2010	One real
Series A interest at 2.0 % to 5.0%, maturing in 2040	\$ -	\$ 389,110	\$ -	\$ 389,110	\$ -
Series B interest at 3.4%, maturing in 2047	-	25,000	-	25,000	-
2015 Public Utility Revenue Bonds:					
Series A interest at 2.0 % to 5.0%, maturing in 2046	-	100,000	-	100,000	-
Series B interest at 5.0 % to 5.25%, maturing in 2045	-	250,000	-	250,000	-
2014 Public Utility Revenue Bonds:					
Series A interest at 4.81%, maturing in 2115	350,000	-	-	350,000	-
Series B-1 interest at 1.0 % to 3.25%, maturing in 2051	50,000	-	-	50,000	-
Series B-2 interest at 1.0 % to 3.25%, maturing in 2051	50,000	-	-	50,000	-
Series C interest at 3.0 % to 5.0%, maturing in 2045	377,700	-	(590)	377,110	-
2013 Public Utility Revenue Bonds:					
interest at 4.75% to 5.0%, maturing in 2049	300,000	-	-	300,000	-
2012 Public Utility Revenue Bonds:					
Series A interest at 2.0 % to 5.0%, maturing in 2038	168,405	-	(4,750)	163,655	4,915
Series B-2 interest at 2.26%, maturing in 2040	47,310	-	(47,310)	-	-
Series C interest at 4.0% to 5.0%, maturing in 2034	163,215	-	-	163,215	-
2010 Series A Public Utility Revenue Bonds:					
interest at 4.1% to 5.5%, maturing in 2045	300,000	-	-	300,000	-
2009 Series A Public Utility Revenue Bonds:					
interest at 3.0% to 6.0%, maturing in 2019	159,520	-	(147,985)	11,535	3,495
2008 Series A Public Utility Revenue Bonds:					
interest at 4.0% to 5.0%, maturing in 2019	168,190	-	(147,990)	20,200	6,600
2007 Series A Public Utility Revenue Bonds:					
interest at 4.75% to 5.50%, maturing in 2041	115,580	-	(115,580)	-	-
1998 Public Utility Revenue Bonds:					
interest ranges from 5.5% to 6.0%, maturing in 2029	183,660	-	(13, 135)	170,525	13,920
Notes payable to the Federal Government for Jennings					
Randolph Reservoir (Bloomington Dam):					
interest at 3.25%, maturing in 2041	13,217	-	(376)	12,841	387
Subtotal	2,446,797	764,110	(477,716)	2,733,191	29,317
Unamortized bond premiums	104,060	111,329	(16,712)	198,677	-
Unamortized bond discounts	(2,351)	-	129	(2,222)	_
Total bonds and notes	\$2,548,506	\$ 875,439	\$ (494,299)	\$2,929,646	\$ 29,317

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

(a) Senior Debt

The 2017 Series A and B, 2014 Series A, 2009 Series A and 1998 Series public utility revenue bonds are considered senior debt under the related Master Indenture of Trust ("Master Indenture"). Payment of the principal and interest on Authority's senior debt is secured by a pledge of Authority's gross revenues (excluding any capital contributions or grants) after provisions for payment of operating expenses.

In January 2017, the Authority issued senior lien revenue bonds with a face value of \$300,000. The bonds were structured in two Series: 2017 Series A (Green Bonds) consisting of \$100,000 with interest rates ranging from 4.0% to 5.0% maturing in 2053; 2017 Series B consisting of \$200,000 with interest rates ranging from 4.0% to 5.0% maturing in 2045. Gross proceeds from the two series of 2017 Bonds totaled \$334,345, including \$34,345 of the original issue premium. Approximately \$107,966 of 2017 series A (Green Bonds) was used to fund a portion of the costs of the Authority's DC Clean Rivers Project; \$224,406 of the 2017 series B was used to fund various capital improvements to the system and \$1,972 was used to pay the underwriter's discount and cost of issuance.

In July 2014, the Authority issued \$350,000 of senior lien public utility revenue bonds 2014 Series A. The 2014 Series A bonds are federally taxable green bonds with a fixed rate of 4.81% and a 100 year final maturity in 2115. The proceeds of the issuance will be used to help finance the construction of the Authority's DC Clean Rivers Project. Net proceeds from the bond issuance totaled approximately \$346,000 including \$4,000 of underwriter's discount and cost of issuance.

In February 2009, the Authority issued senior lien public utility revenue bonds 2009 Series A with a face value of \$300,000, consisting of \$38,355 in Serial Bonds and \$261,645 in Term Bonds. The Serial Bonds have maturity dates and interest rates ranging from 2010-2030 and 3.0% to 5.4%, respectively. The Term Bonds have maturity dates and interest rates ranging from 2024-2039 and 4.8% to 6.0%, respectively. Debt proceeds were used to repay \$14,800 of the taxable Series A Commercial Paper Notes and \$50,000 of the tax exempt Series B Commercial Paper Notes with the remainder used to finance the ongoing capital improvement program. During fiscal years 2015 and 2016, the Authority advance refunded \$128,835 and \$144,810, of the 2009 Series A bonds respectively. Details of the advance refunding are discussed below. The remaining undefeased 2009 Series A bonds outstanding as of September 30, 2016 will mature in fiscal years 2017 through 2019

In April 1998, the Authority issued \$266,120 of senior lien public utility revenue bonds 1998 Series. Gross proceeds from the Series 1998 Series bonds totaled \$285,200, including \$18,800 of the original issue premium. Approximately \$77,200 was used to fund various capital projects; \$181,000 was used to repay the outstanding balances of a revolving line of credit and certain notes payable to the Federal government and to advance-refund approximately \$152,200 of District general obligation bonds. The refunded bonds have been fully extinguished. The remainder of the gross proceeds, approximately \$27,000, was used to fund the debt service reserve fund and to pay the cost of issuance. The payment of principal and interest on the Series 1998 bonds is insured by Financial Security Assurance, Inc.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

(b) Subordinate Debt

Payments of the Authority's subordinate debt are made after payments of senior debt and after certain reserves have been funded (see "Bond Covenants" below).

In September 2016 the Authority issued \$25,000 of tax-exempt public utility subordinate lien revenue bonds, 2016 Series B (Environmental Impact Bonds) (the "2016 Series B Bonds"). The 2016 Series B Bonds are multimodal variable rate bonds, initially issued bearing a 3.43% fixed rate through the mandatory tender date, April 1, 2021. The net proceeds (after payment of \$472 of issuance expenses) of \$24,528 of the 2016 Series B Bonds will be used for construction of green infrastructure (GI) in Rock Creek Project A (RC-A). The GI practices are designed to mimic natural processes to absorb and slow surges of stormwater during periods of heavy rainfall, reducing the incidence and volume of combined sewer overflows (CSOs) that pollute the District's waterways.

The 2016 Series B Bonds are designated as Environmental Impact Bonds and, as such, include provisions for the possibility of an Outcome Payment by the Authority to the Original Purchasers of the 2016 Series B Bonds of \$3,300 in the event of a runoff reduction greater than 41.3%, and for the possibility of a Risk Share Payment by the Original Purchasers to the Authority of \$3,300 in the event of a runoff reduction less than 18.6%. Runoff reduction means the percentage reduction of storm water runoff in RC-A per impervious acre treated to manage the volume of runoff produced by 1.2 inches of rain as compared to the existing conditions runoff in RC-A as defined in the Private Placement Agreement between the Authority and Original Purchasers. The potential obligation of the Authority to pay the Outcome Payment is an unsecured obligation. No provision has been included in these financial statements for the potential obligation related to the Outcome Payment due to the uncertainties surrounding the effectiveness of GI in RC-A, which will be independently assessed prior to the mandatory tender date.

In February 2016, the Authority issued subordinate lien revenue refunding bonds 2016 Series A for \$389,110. The proceeds from these bonds were used to advance refund \$67,295 of the remaining portion of subordinated lien revenue bonds 2007 Series A, \$141,555 of subordinate lien revenue bonds 2008 Series A, \$144,810 of senior lien revenue bonds 2009 Series A and current refund the remaining portion of \$48,285 of subordinated lien revenue bonds 2007 Series A. The proceeds from 2016 Series A were used to purchase securities that were placed in an irrevocable trust with an escrow agent to provide for all future debt service payments on the refunded 2007 Series A, 2008 Series A and 2009 Series A bonds. As a result, the bonds are considered to be defeased and the liability for these bonds has been removed from the financial statements. The interest rates on the refunded bonds ranges from 3.0% to 6.0%. The cash flow required to make principal and interest payments on the refunding bonds is approximately \$78,672 less than the debt service requirements of the refunded bonds. The economic gain (the difference between the present values of the debt service payments on the old and new debt) obtained from the advance refunding is \$56,831.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

In October 2015, the Authority issued subordinate lien revenue bonds with a face value of \$350,000. The bonds were structured in two Series: 2015 Series A (Green Bonds) consisted of \$100,000 with interest rates ranging from 2.0% to 5.0% maturing in 2045; 2015 Series B consisting of \$250,000 with interest rates ranging from 5.0% to 5.25% maturing in 2044. Gross proceeds from the two series of 2015 Bonds totaled \$406,587, including \$56,587 of the original issue premium. Approximately \$115,869 of 2015 series A (Green Bonds) was used to fund a portion of the costs of the Authority's DC Clean Rivers Project; \$226,584 of the 2015 series B was used to fund various capital improvements to the system; \$62,000 of 2015 series B was used to pay principal of and interest on all or a portion of the Authority's outstanding commercial paper notes, Series B (the "Series 2015 B CP Notes), and \$2,134 was used to pay the underwriter's discount and cost of issuance.

In November 2014, the Authority issued subordinate lien revenue refunding bonds 2014 Series C for \$377,700. The proceeds from these bonds were used to advance refund \$103,135 of subordinated lien revenue bonds 2007 Series A, \$93,560 of subordinate lien revenue bonds 2008 Series A, and \$128,835 of senior lien revenue bonds 2009 Series A; and to current refund \$52,690 of subordinate lien multimodal revenue bonds 2012 Subseries B-1.

The proceeds from 2014 Series C were used to purchase securities that were placed in an irrevocable trust with an escrow agent to provide for all future debt service payments on the refunded 2007 Series A, 2008 Series A and 2009 Series A bonds. As a result, the bonds are considered to be defeased and the liability for these bonds has been removed from the financial statements. The interest rates on the refunded bonds ranges from 2.26% to 6.0%. The cash flow required to make principal and interest payments on the refunding bonds is approximately \$50,356 less than the debt service requirements of the refunded bonds. The economic gain (the difference between the present values of the debt service payments on the old and new debt) obtained from the advance refunding is \$35,266.

In July 2014, the Authority issued \$100,000 of tax-exempt 2014 Series B variable rate multimodal subordinate lien revenue bonds, maturing in 2050 to fund the Authority's capital improvement program. Net proceeds from the bond issuance totaled approximately \$99,500 including \$500 of underwriter's discount and cost of issuance. Initially, the 2014 Series B bonds will bear interest in a weekly rate period but may be converted to daily, index, short term, long term or fixed rate. Funds for the purchase of tendered bonds that are not remarketed will be provided initially by TD Bank, N.A. for a period of three years pursuant to a Standby Bond Purchase Agreement dated July 23, 2014.

In July 2013, the Authority issued \$300,000 of subordinate lien public utility revenue bonds with interest rates ranging from 4.75% to 5.0%, maturing in 2048 to fund the Authority's capital improvement program. Gross proceeds from the 2013 Series A bonds totaled \$298,921, including \$1,014 of original issue premium and \$2,093 of underwriter's discount and cost of issuance.

In March 2012, the Authority issued subordinate lien revenue bonds with a face value of \$440,645. The bonds were structured in three Series: 2012 Series A consisted of \$177,430 with interest rates ranging from 2.0% to 5.0% maturing in 2037; 2012 Series B consisting of \$100,000 with interest rate at 2.26% maturing in 2044; and 2012 Series C consisting of \$163,215 with interest rates ranging from 4.0% to 5.0% maturing in 2033. Gross proceeds from the three series of 2012 Bonds totaled \$493,934, including \$53,289 of the original issue premium.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

Approximately \$302,413 was used to fund various capital projects; \$188,688 was used to advance-refund series 2003 Series bonds, and \$2,833 was used to pay the underwriter's discount and cost of issuance. During fiscal years 2016 and 2015, the Authority current refunded \$47,310 and advance refunded \$52,690 of the series 2012 Series B-2 and 2012 Series B-1 bonds respectively. Details of the current and advance refunding are discussed above.

The Authority completed its advance-refunding of the 2003 Series bonds by using \$188,688 of bond proceeds from 2012 Series C to purchase securities that were placed in an irrevocable trust with an escrow agent to provide for all future debt service payments on the bonds. As a result, the bonds are considered to be defeased and the liability for those bonds has been removed from the financial statements. This refunding decreases total debt service payments by approximately \$25,478 resulting in an economic gain (difference between the present values of the debt service payments on the old and new debt) of \$17,843. The refunded bonds have been fully extinguished.

In October 2010, the Authority issued the 2010 Series A public utility subordinate lien revenue bonds, 2010 Series A under the Federal government's Build America Bonds program. Under this program, the Federal government provides the Authority a federal subsidy in the amount of 35% of the interest paid on the bonds which reduces the Authority's effective interest costs to approximately 3.6%. The \$300,000 par amount consisted of \$18,550 in serial bonds maturing in 2033 and gross interest rates ranging from 4.1% to 4.6%, \$30,950 in term bonds maturing in 2028 and a gross interest rate of 5.4%, and \$250,500 in index term bonds maturing in 2044 and a gross interest rate of 5.5%. Approximately \$214,640 was issued to fund costs of certain capital improvements, including \$2,420 for the cost of issuance and underwriter's discount. In addition, approximately \$75,000 was issued to fund the Authority's Digester Project and \$10,360 for capitalized interest. The interest subsidy received by the Authority for the fiscal years ended September 30, 2017 and 2016 amounted to \$5,316 and \$7,969, respectively. In fiscal years 2017 and 2016, the Authority received \$394 and \$597 less than expected due to budget sequester impacts experienced by the Federal government.

In April 2008, the Authority refunded the 2004 and 2007 Series B subordinate public utility revenue bonds for \$295,000 and \$59,000, respectively. Simultaneously, the Authority issued subordinate lien public utility revenue bonds 2008 Series A with a face value of \$290,375 which are due in 2034. The interest rate on these securities is fixed and will have an effective average rate of 4.7% over the life of the bonds. There was \$11,678 of original issue premium and approximately \$5,888 for the cost of issuance, bond insurance and underwriter's discount costs associated with this issuance. The scheduled payments of principal and interest on the 2008 Series A bonds are guaranteed by a municipal bond insurance policy issued by the Assured Guaranty Program. During fiscal years 2015 and 2016, the Authority advance refunded \$93,560 and \$141,555 of the series 2008 Series A bonds respectively. Details of the advance refunding are discussed above. The remaining undefeased 2008 Series A bonds outstanding as of September 30, 2016 will mature in fiscal years 2017 through 2019.

In June 2007, the Authority issued \$218,715 of tax-exempt subordinate lien public utility revenue bonds 2007 Series A and \$59,000 of taxable subordinate lien public utility revenue bonds 2007 Series B. Gross proceeds from the 2007 Series A bonds totaled \$234,923, including \$15,661 of original issue premium. Approximately \$30,000 was used to repay outstanding commercial paper, and \$2,824 was used to pay the underwriter's discount, insurance and the cost of issuance.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

The scheduled payments of principal and interest on 2007 Series A bonds are guaranteed by a municipal bond insurance policy issued by the Financial Guaranty Insurance Company ("FGIC"). Gross proceeds from the 2007 Series B bonds totaled \$59,000. Proceeds from the 2007 Series B bonds were used entirely to fund the Authority's share of capital improvements to the Washington Aqueduct. The scheduled payments of principal and interest on 2007 Series B bonds are guaranteed by a municipal bond insurance policy issued by CIFG Assurance North America, Inc. During fiscal year 2015, the Authority advance refunded \$103,135 of the 2007 Series A bonds. During fiscal year 2016, the Authority advance refunded \$67,295 of the 2007 Series A bonds and current refunded \$48,285 of the remaining portion of 2007 series A bonds. Details of the advance refunding and current refunding are discussed above.

Notes payable to the Federal government for the Jennings Randolph Reservoir are considered subordinate debt under the Master Indenture and contain no pledge of property, sinking fund provisions, or restrictive covenants. The proceeds of the notes were used to make improvements to the Jennings Randolph Reservoir for back-up and peak-day water supply.

(c) Bond Covenants

The Master Indenture sets forth the establishment of accounts, the application of revenues, and certain other covenants to ensure proper operation and maintenance of the water and wastewater system and payment of debt service. Management believes the Authority was in compliance with all bond covenants as of and for the years ended September 30, 2017 and 2016. The primary requirements of the Master Indenture are summarized below:

Rate Covenant — The Authority has covenanted to establish and maintain rates and charges to produce revenues sufficient to pay operating expenses and annual debt service on senior and subordinate debt, to fund certain required reserves, to fund any payment in lieu of taxes, and to produce net revenues sufficient at least equal to the sum of: (1) 120% of annual debt service on senior debt and (2) 100% of annual debt service on subordinate debt. Net revenues are defined generally as all Authority revenues (excluding capital contributions from wholesale customers, Federal grants, or any proceeds derived from the sale of capital assets), less operating and maintenance expenses (excluding any payment in lieu of taxes, depreciation and amortization charges and certain extraordinary, nonrecurring expenses).

Debt Service Reserve Fund — The Authority has established debt service reserve accounts for certain series of bonds, which are only to be used to pay debt service in the event of insufficient funds. The 1998 Series bonds debt service reserve account balance as of September 30, 2017 and 2016 was \$23,624 and \$23,594, respectively, and is required to be maintained at 125% of current and future average annual 1998 Series debt service.

Operating Reserve Fund — The Master Indenture creates an Operating Reserve Fund in which the Authority must maintain a balance equal to at least 60 days of operating and maintenance expenses of the prior year. Moneys in the Operating Reserve Fund shall be used to pay, to the extent necessary, operating expenses of the Authority.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

In addition, to the extent that moneys on deposit in the Bond Fund are insufficient to make the required interest and principal payments, moneys in the Operating Reserve Fund shall be used prior to any withdrawal from the Debt Service Reserve Fund to satisfy any such deficiencies. The Board has adopted a policy of funding operating reserves to a level in excess of that required by the Master Indenture.

(d) Debt Service to Maturity

The future debt-service obligations at September 30, 2017 are as follows:

Fiscal year		Principal		Interest		Total
2018	\$	30,840	\$	137,914	\$	168,754
2019		36,038		136,234		172,272
2020		39,697		134,398		174,095
2021		46,135		132,353		178,488
2022		53,516		129,968		183,484
2023 - 2027		309,260		609,222		918,482
2028- 2032		384,954		526,096		911,050
2033 - 2037		495,252		424,783		920,035
2038 - 2042		552,192		302,823		855,015
2043 - 2047		536,410		165,700		702,110
2048 - 2052		156,580		98,373		254,953
2053 - 2057		13,000		84,570		97,570
2058 - 2062		_		84,245		84,245
2063 - 2067		_		84,245		84,245
2068 - 2072		_		84,245		84,245
2073 - 2077		_		84,245		84,245
2078 - 2082		_		84,245		84,245
2083 - 2087		_		84,245		84,245
2088 - 2092		_		84,245		84,245
2093 - 2097		_		84,245		84,245
2098 - 2102		_		84,245		84,245
2103 - 2107		57,489		80,126		137,615
2108 - 2112		169,760		46,658		216,418
2113 - 2117	_	122,751	_	6,094		128,845
	\$_	3,003,874	\$_	3,773,517	\$.	6,777,391

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(11) Long-Term Debt (Continued)

(e) Outstanding Debt Defeased

The Authority defeased certain revenue bonds in current and prior years by placing cash or the proceeds of new revenue bonds in irrevocable trusts to provide for all future debt service payments on the defeased bonds. Accordingly, the Trust account assets and the liability for the defeased bonds are not reflected in the Authority's financial statements. At September 30, 2017 and 2016, the following outstanding revenue bonds are considered defeased.

	Principal	
Bond issue	Outstanding	
2009 Series A Public Utility Revenue Bonds:		
interest at 3.0% to 6.0%, maturing in 2039	\$	273,645
2008 Series A Public Utility Revenue Bonds:		
interest at 4.0% to 5.0%, maturing in 2034		235,115
2007 Series A Public Utility Revenue Bonds:		
interest at 4.75% to 5.50%, maturing in 2041		170,430
Total Principal Outstanding	\$	679,190

(12) Commitments and Contingencies - Other Liabilities

A schedule of other liabilities as of September 30, 2017 and 2016 is shown below:

Description	2017	2016
Risk management contingency	\$ 11,670	\$ 11,818
Rolling owner controlled insurance program	7,141	6,518
Litigation contingency	669	2,998
Contractual obligations	825	825
Retirement health savings plan	2,760	2,536
Total other liabilities	23,065	24,695
Less: current portion	13,621	11,926
Noncurrent portion	\$ 9,444	\$ 12,769

The current portion of other liabilities represents management's estimate of the amounts that will be paid in next fiscal year.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(12) Commitments and Contingencies – Other Liabilities (Continued)

(a) Risk Management

The Authority is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; injuries to employees; and natural disasters. Effective April 7, 1998, the Authority purchased certain commercial insurance coverage. Prior to that date, the Authority was either self-insured or covered under District self-insurance programs.

For each of the three most recent years, settlement of claims has not exceeded insurance coverage. Additionally, there has not been a significant reduction in insurance coverage from coverage in the prior year.

The Authority has purchased \$1,000,000 property coverage (Property Policy) to protect its owned or leased facilities, buildings and contents. Except for catastrophic on-site protection provided on the Property Policy, the Authority self-insures its fleet of vehicles. The deductible for each claim for buildings and contents is \$1,000 per occurrence. A lower deductible of \$10 per occurrence applies to scheduled watercraft and mobile equipment.

The Authority has purchased liability insurance coverage to protect it from claims alleging damages and injuries caused by automobile accidents, damaged utilities, construction, and other activities. Limits of \$100,000 have been secured in excess of a self-insured retention of \$1,000 for each occurrence. Public Officials' liability insurance has been secured with limits of \$20,000 in excess of a deductible of \$250 per claim.

The Authority self-insures the first \$1,000 per occurrence of workers' compensation claims costs. In order to mitigate the potential self-insured costs of medical expenses, rehabilitation and lost wages, the Authority purchased an Excess Workers' Compensation Policy with unlimited coverage. The Authority contracts with a third-party administrator to support the workers' compensation claims management program.

Liabilities are recognized when it is probable that losses have occurred and the amounts of the losses can be reasonably estimated. Liabilities include an amount for claims that have been incurred but not reported to date and include a provision for allocated and unallocated claim adjustment expenses.

Because actual claims liabilities depend on such complex factors as inflation, changes in governing laws and standards, and court awards, the process used in computing claims liabilities is reevaluated periodically to take into consideration the history, frequency and severity of recent claims and other economic and social factors.

These liabilities are computed using a combination of actual claims experience and statistically estimated amounts. The Authority has not discounted these estimated liabilities to present value.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(12) Commitments and Contingencies – Other Liabilities (Continued)

Changes in the Authority's estimated risk management liabilities related to workers' compensation and general liability claims during the years ended September 30, 2017, 2016 and 2015 were as follows:

Description	2017	2016	2015	
Balance, beginning of year	\$ 11,818	\$ 11,615	\$ 11,645	
Current year claims and changes in estimates	2,169	2,935	2,796	
Claim payments	(2,317)	(2,732)	(2,826)	
Balance, end of year	\$ 11,670	\$ 11,818	\$ 11,615	

(b) Rolling Owner Controlled Insurance Program

The Authority procures insurance for the majority of its construction contractors through the Authority's Rolling Owner Controlled Insurance Program (ROCIP). Construction contractors who do not participate in the ROCIP are required to procure insurance on their own. Coverage for participating construction contractors includes general liability, umbrella and workers' compensation insurance. Both general liability and workers' compensation have a \$500 per occurrence deductible. There is also \$100,000-\$200,000 excess general liability coverage in place. The workers' compensation loss coverage is statutory, and unlimited above the retention. For each of the three most recent years, settlement of claims has not exceeded insurance coverage. Additionally, there has not been a significant reduction in insurance coverage from coverage in the prior year.

Liabilities for the self-insured exposure for workers' compensation claims and general liability claims under the ROCIP are recognized when it is probable that losses have occurred and the amounts of the losses can be reasonably estimated. Liabilities include an amount for claims that have been incurred but not reported to date and include a provision for allocated and unallocated claim adjustment expenses. Because actual claims liabilities depend on such complex factors as inflation, changes in governing laws and standards, and court awards, the process used in computing claims liabilities is reevaluated periodically to take into consideration the history, frequency and severity of recent claims and other economic and social factors.

These liabilities are computed using a combination of actual claims experience and statistically estimated amounts. The Authority has not discounted these estimated liabilities to present value.

Changes in the Authority's estimated ROCIP liabilities related to workers' compensation and general liability claims during the years ended September 30, 2017, 2016 and 2015 were as follows:

Description	2017	2016 201	
Balance, beginning of year	\$ 6,518	\$ 5,702	\$ 5,242
Current year increase (decrease) in ROCIP liability	11,245	12,239	5,163
ROCIP administration and claim payments	(10,622)	(11,423)	(4,703)
Balance, end of year	\$ 7,141	\$ 6,518	\$ 5,702

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(12) Commitments and Contingencies - Other Liabilities (Continued)

(c) Litigation

The Authority is a party in various administrative proceedings, legal actions and claims brought by or against it in the normal course of operations by employees, contractors, and other parties. The following table reflects the changes in the Authority's estimated liabilities for litigation contingencies where the risk of loss is probable during the years ended September 30, 2017 and 2016:

Description	 2017	 2016
Balance, beginning of year	\$ 2,998	\$ 3,024
Current year claims and changes in estimates	1,264	2,050
Claim payments	(3,593)	(2,076)
Balance, end of year	\$ 669	\$ 2,998

Although the ultimate outcome of these legal proceedings are unknown, in the opinion of the Authority's management and legal counsel, the ultimate resolution of these actions and claims will not materially affect the financial position, results of operations, or cash flows of the Authority.

(d) Federal Grants

The Authority's federal capital grants are subject to financial and compliance audits by the federal grantors or their representatives. The Authority's management does not expect that the results of these audits will have a material adverse effect on the accompanying financial statements.

(e) Construction and Other Significant Commitments

The Authority's contractual commitments are primarily associated with the long-term capital improvement program. Outstanding contractual commitments related to the capital improvement program as of September 30, 2017 and 2016 were \$1,134,208 and \$861,685, respectively. Outstanding construction commitments are not recorded in the financial statements until goods and services have been received by the Authority in accordance with the terms of the related contracts.

(f) Lease Commitments

The Authority conducts a portion of its operations from leased facilities. Most of the leases contain renewal options. All of the leases for equipment and facilities are operating leases, and the rental payments under these leases are charged to operations as incurred.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(12) Commitments and Contingencies - Other Liabilities (Continued)

The Authority's rental expense for the years ended September 30, 2017 and 2016 were as follows:

Description	2017			2016	
Facilities leases	\$	2,100	\$	1,396	
Automobile equipment leases		116		65	
Machinery leases	588		216		
Other Rentals	4		-		
Total	\$	2,808	\$	1,677	

Future minimum non-cancelable lease payments on existing operating leases at September 30, 2017, which have an initial term of one year or more, are as follows.

Fiscal Year	Amount
2018	\$1,772
2019	580
2020	212
2021	219
2022	223
2023-2027	576
Total	\$3,582

(13) Related Party and Similar Transactions

(a) Water and Wastewater User Charges

The enabling legislation, described in Note 1, established that the District would pay for water and wastewater services. The Authority recorded revenues of \$30,428 and \$28,890 from the District government and \$10,055 and \$9,295 from the District of Columbia Housing Authority ("DCHA") for fiscal years 2017 and 2016, respectively. Both the District government and DCHA revenues are included in water and wastewater user charges in the accompanying statements of revenues, expenses and changes in net position.

(b) PILOT and ROW Fees

On October 2, 2014, DC Water entered into a Right-of-Way memorandum of understanding (ROW MOU) establishing an annual payment of \$5,100 to the District in fiscal years 2015 through 2024. DC Water will make the payment in four equal quarterly installments of \$1,275 due on the 15th of November, February, May and August of each year.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(13) Related Party and Similar Transactions (Continued)

On December 15, 2014, DC Water entered into a Payment In Lieu of Taxes memorandum of understanding (PILOT MOU) establishing a fiscal year 2015 PILOT payment of \$15,337 to the District for services provided in fiscal year 2015. In fiscal years 2016 through 2024, DC Water will increase the PILOT payment by 2.0% per annum based upon the amount of the prior fiscal year's annual PILOT payment. In addition, the MOU stipulates that the Authority is entitled to offset this payment for services rendered to the District under our fire protection program.

The Authority recorded an expense of \$15,957 and \$15,644 for payments-in-lieu-of-taxes (PILOT) to the District for services such as road repairs, fire protection, police protection, and other services for each of the years ended September 30, 2017 and 2016.

The Authority also recorded an expense of \$5,100 for the District's right-of-way (ROW) fee, respectively charged to all area utilities for infrastructure occupancy in public streets, for each of the years ended September 30, 2017 and 2016. As of September 30, 2017 there was no outstanding balance due to the District related to these fees.

(c) Due from District Government

The amounts due from the District government as of September 30, 2017 and 2016 were \$45,241 and \$53,275, respectively. Such amounts were comprised of the following at September 30, 2017 and 2016, respectively:

Description	2017	2016
Northeast Boundary Neighborhood Protection Project	\$ 46,864	\$ 52,271
Storm Water Fees (13 d)	(2,446)	(1,123)
Other miscellaneous items	823	2,127
Total due from District government	45,241	53,275
Less: current portion	4,235	6,411
Noncurrent portion	\$ 41,006	\$ 46,864
Less: current portion	4,235	6,411

On September 11, 2014, the District and the Authority entered into a Memorandum of Understanding (MOU) whereby the District agreed to fund up to \$58,579 of costs incurred by the Authority on the Northeast Boundary Neighborhood Protection Project. Amounts due from the District as of September 30, 2017 and 2016 under this agreement amounted to \$46,864 and \$52,271, respectively. Amendment No. 1 of the MOU dated September 1, 2015, calls for ten (10) equal installment payments of \$5,858. The parties agreed that each installment payment is due on January 15th of each year until the costs are paid in full.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(13) Related Party and Similar Transactions (Continued)

(d) Storm Water Fee Billings and Collections

The District of Columbia Council created the Storm Water Compliance Amendment Act of 2000 which established the Authority as the Storm Water Administrator and a fund was established. The administration of the fund was transferred to the District Department of the Environment ("DDOE") in 2007. The Authority continues to bill and collect storm water fees as a separate item and transfers the funds to the DDOE guarterly.

During the years ended September 30, 2017 and 2016, the activity associated with the Authority providing this service to the District was as follows:

Description	2017	2016
Due from (to) the District-beginning of year	\$ (1,123)	\$ 3,335
Collections on behalf of the District	(13,431)	(15,567)
Remittances to the District	12,583	11,123
Expenses incurred by the Authority	1,124	934
Expenses reimbursed by the District	(1,599)	(948)
Due from (to) the District-end of year	\$ (2,446)	\$ (1,123)

Billings and collections associated with the District's Storm Water fees are not reflected in the Authority's financial statements as these are not billings and collections of the Authority. However, reimbursable expenses incurred and the related revenues from the District to cover such expenses are reflected in the accompanying statements of revenues, expenses and changes in net position.

The due (to) from the District has been reported in Due from District Government on the statement of net position as of September 30, 2017 and 2016, respectively.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(14) Employee Benefits

(a) Federal Benefit Plans

Certain DC Water employees who were previously employed by the District of Columbia government prior to October 1, 1987, are eligible to continue to participate in certain federal benefit plans administered by the federal government's Office of Personnel Management ("OPM"). The plans provide retirement and disability benefits, annual cost-of- living adjustments, and death benefits to plan participants and beneficiaries. In fiscal years 2017 and 2016, there were 106 and 133 DC Water employees covered by these plans, respectively.

The OPM issues a publically available financial report that includes financial statements and required supplementary information, which may be obtained at www.opm.gov.

Employees and the Authority each contribute 7% of the employees' salaries to OPM. The contribution requirements of the plan members are established by OPM. During fiscal years 2017, 2016 and 2015, the Authority's contributions to the plans were \$649, \$791 and \$924, respectively. These amounts were 100% of the required contributions under the plans for each of the fiscal years presented.

DC Water is only responsible for funding the employer contributions for participating employees while employed by the Authority. DC Water is not responsible for any unfunded liability for this plan. Under current law, this liability will be paid off eventually through the series of 30-year amortizations payments from the general fund of the U.S. Treasury to the Civil Service Retirement and Disability Fund.

(b) Defined Contribution Plans

Defined Contribution Plan - Employees who were hired after September 30, 1987, participate in the U.S. Social Security system and a defined contribution plan administered by the Authority. The District of Columbia Water and Sewer Authority Defined Contribution Plan is a qualified trust under Internal Revenue Code Section 401(a).

The Authority established a retirement plan committee that oversees the 401(a) and 457(b) retirement plans. The committee meets on a semiannual basis to make decisions regarding the plan. Pursuant to the 401(a) plan, employees not reaching the 100% vesting period of three years of service will forfeit amounts related to Basic, Matching, and Discretionary Contributions and may be used to pay for plan expenses or reduce future Authority contributions. There are no amounts of forfeitures reflected in the pension expense reported in fiscal years 2017, 2016, and 2015.

As Plan Administrator, the Authority maintains the plans' records, determines issues related to eligibility as they relate to participation and benefits, interprets the plans, communicates with participants and their beneficiaries and responsible for the plans' operations. Fidelity Investments is the Plan Trustee.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(14) Employee Benefits (Continued)

Defined Contribution Plan - During fiscal years 2017, 2016 and 2015, the Authority's contribution was 7% of base pay up to the social security wage base, plus 5% of base pay in excess of the social security wage base for each eligible employee. Employees do not contribute to the plan.

457(b) Plan - Starting in January 2000, employees who were hired after September 30, 1987, participate in the U.S. Social Security system and a 457(b) Deferred Compensation plan administered by the Authority. The District of Columbia Water and Sewer Defined Contribution Plan is a qualified trust under Internal Revenue Code Section 401.

The Authority makes a matching contribution of 100% of the amount that the employee defers to the 457(b) Deferred Compensation Plan; up to a maximum contribution of 5% of base pay for eligible employees. There is no waiting period before an employee can elect to become a participant of this plan and employees are always 100% vested in their contributions.

The Authority's matching contribution is vested after three years of service. During fiscal years 2017, 2016 and 2015, the Authority's contributions to both defined contribution plans were \$9,286, \$8,357 and \$7,519 respectively. The amount of the Authority's outstanding liability at the end of fiscal years 2017, 2016 and 2015 were \$746, \$638, and \$1,122, respectively.

(c) Post-Employment Insurance Plans

The Authority does not provide post employment health and life insurance benefits to any employees hired after September 30, 1987. The federal government provides healthcare and life insurance benefits to certain retired employees under the Federal Employees' Health Benefits Program and the Federal Employee's Group Life Insurance Program at no cost to the Authority.

(d) Retirement Health Savings Plan

In fiscal year 2007, the Authority implemented a Retirement Health Savings Plan for non-union employees hired after September 30, 1987. The Plan allows eligible employees to receive a benefit for their unused sick leave upon separation of service. Funds are transferred to a third party (Maritain) to pay for post-employment medical expenses at the termination of employment.

(15) Subsequent Events

The Authority has evaluated events subsequent to September 30, 2017 through December 20, 2017, the date the financial statements were available to be issued. During this period, the Authority has determined there have not been any events that have occurred that would require adjustments to the financial statements.

Notes to the Financial Statements

September 30, 2017 and 2016

(In thousands)

(16) Blended Component Unit Condensed Financial Statements

The following are the condensed financial statements of Blue Drop, LLC as of and for the year ended September 30, 2017. As required, all intra-entity activities between Blue Drop and the Authority have been eliminated in the consolidation of Blue Drop, LLC's financial statements with those of the Authority. Such intra-entity activities were comprised of: \$863 of support provided by DC Water to Blue Drop including \$308 in cash transfers, shared services of \$434 for donated employee time, and \$84 for donated office space; \$31 in marketing fees paid by DC Water to Blue Drop; and intra-entity receivables and payables amounting to \$22 and \$15, respectively.

Condensed Statement of Net Position - Blended Component Unit - Blue Drop, LLC as of September 30, 2017:

Current assets	\$	330
Due from DC Water		22
Total assets		352
	•	
Current liabilities		12
Due to DC Water		15
Total liabilities		27
Unrestricted net position	\$	325

Condensed Statement of Revenues, Expenses, and Changes in Net Position - Blended Component Unit - Blue Drop, LLC for the year ended September 30, 2017:

DC Water support Sales of Bloom, Net of cost of sales Consulting revenue Marketing fees, DC Water Total revenues	\$	863 (59) 128 31 963
Total Teverides	-	
Personnel services		495
Contractual services		42
Supplies		16
Utilities and rent		85
Total operating expenses		638
Change in Net Position		325
Net Position, Beginning of Year		-
Net Position, End of Year	\$	325

Notes to the Financial Statements

September 30, 2017 and 2016

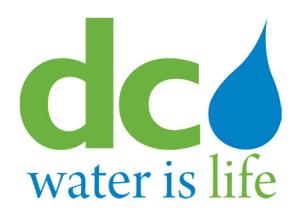
(In thousands)

(16) Blended Component Unit Condensed Financial Statements (Continued)

Condensed Statement of Cash Flows - Blended Component Unit - Blue Drop, LLC For the year ended September 30, 2017

Net cash provided by operating activites	\$ 302
Increase in cash	302
Cash, Beginning of Year	-
Cash, End of Year	\$ 302

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Statistical Section (Unaudited)

Statistical Section (Unaudited)

This section contains statistical tables that reflect financial trends information, revenue capacity information, debt capacity information, demographic and economic information, and operating information. These tables differ from the basic financial statements because they usually cover more than two fiscal years and may present non-accounting data.

The statistical section is divided into five sections as follows:

- 1. Financial Trends
- 2. Revenue Capacity
- 3. Debt Capacity
- 4. Demographic and Economic Information
- 5. Operating Information

1. Financial Trends
These schedules contain trend information to better understand how the Authority's financial performance and well-being have changed over time.

EXHIBIT 1 CHANGE IN NET POSITION LAST TEN FISCAL YEARS (\$000)

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Operating revenues										
Residential, commercial and multi-family customers	\$ 401,246	\$ 382,552	\$ 335,711	\$ 295,209	\$ 275,337	\$ 256,846	\$ 241,475	\$ 209,796	\$ 191,543	\$ 183,553
Federal government	67,672	63,417	54,274	39,001	45,187	48,381	43,033	37,845	35,195	35,888
District government and DC Housing Authority	40,483	38,185	32,948	28,852	21,677	24,713	25,123	21,947	16,804	16,193
Charges for w holesale w astew ater treatment	101,619	91,873	112,522	96,845	87,178	94,549	90,414	87,505	85,519	82,854
Other	32,149	19,762	14,460	13,917	9,700	16,077	8,210	6,655	3,337	3,846
Total Operating Revenues	643,169	595,789	549,915	473,824	439,079	440,566	408,255	363,748	332,398	322,334
Operating expenses										
Personnel services	132,124	124,239	115,233	108,467	103,908	97,784	93,240	88,210	82,248	75,838
Contractual services	72,611	74,086	66,241	68,172	68,417	64,939	71,055	69,497	64,513	58,730
Chemicals, supplies and small equipment	33,381	29,524	32,935	31,748	28,987	28,815	28,188	29,003	29,074	28,816
Utilities and rent	24,262	23,934	30,848	29,939	26,098	26,786	29,429	29,929	32,813	37,843
Depreciation and amortization	97,900	89,512	83,857	77,833	77,330	74,342	70,209	64,425	59,291	54,418
Water purchases	26,796	26,345	29,109	28,407	27,223	28,389	27,170	27,587	25,371	25,746
Payment in lieu of taxes and right of way fee	21,057	20,744	20,437	11,458	21,982	21,982	21,982	20,474	19,183	17,525
Total operating expenses	408,131	388,384	378,660	356,024	353,945	343,037	341,273	329,125	312,493	298,916
Operating income	235,038	207,405	171,255	117,800	85,134	97,529	66,982	34,623	19,905	23,418
Non-operating revenue (expenses)										
Interest income	3,740	2,629	1,316	977	1,144	749	2,036	1,343	1,704	11,444
Interest expense and other nonoperating expenses	(68,293)	(69,118)	(61,409)	(69,288)	(63,905)	(74,001)	(73,335)	(57,479)	(53,197)	(44,338)
Total non-operating (expenses)	(64,553)	(66,489)	(60,093)	(68,311)	(62,761)	(73,252)	(71,299)	(56,136)	(51,493)	(32,894)
Change in net position before capital contributions	170,485	140,916	111,162	49,489	22,373	24,277	(4,317)	(21,513)	(31,588)	(9,476)
Capital contributions	24,066	32,431	67,965	94,690	58,310	58,957	47,374	30,403	27,752	42,208
Change in net position	194,551	173,347	179,127	144,179	80,683	83,234	43,057	8,890	(3,836)	32,732
Net position, beginning of year	1,703,289	1,529,942	1,350,815	1,206,636	1,125,953	1,042,719	999,662	990,772	994,608	961,876
Net position, end of year	\$1,897,840	\$ 1,703,289	\$1,529,942	\$1,350,815	\$1,206,636	\$1,125,953	\$1,042,719	\$ 999,662	\$ 990,772	\$ 994,608
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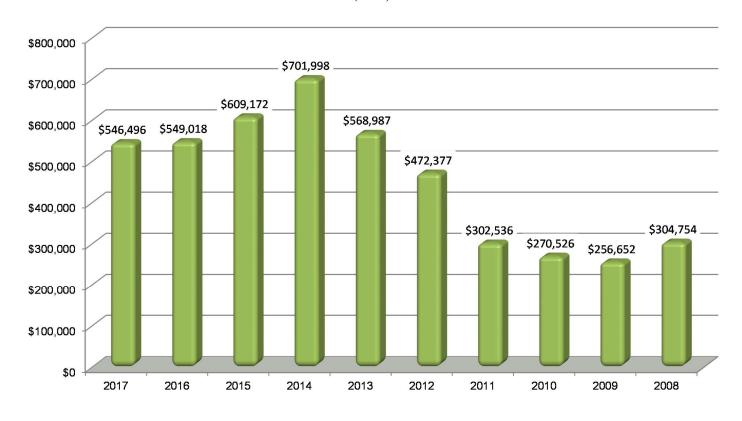
Source: FY 2008 - 2017 Statements of Revenues, Expenses and Changes in Net Position.

EXHIBIT 2 SUMMARY OF NET POSITION LAST TEN FISCAL YEARS (\$000)

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Net investments in capital assets	\$1,655,867	\$1,491,925	\$1,348,056	\$1,130,952	\$1,042,620	\$ 956,397	\$ 874,356	\$ 818,001	\$ 765,709	\$ 726,747
Restricted	33,276	33,135	27,054	28,863	29,010	27,297	26,825	17,257	10,244	8,297
Unrestricted	208,697	178,229	154,832	191,000	135,006	142,259	141,538	164,404	214,819	259,564
Total net postion	\$1,897,840	\$1,703,289	\$1,529,942	\$1,350,815	\$1,206,636	\$1,125,953	\$1,042,719	\$ 999,662	\$ 990,772	\$ 994,608

Source: FY 2008 - 2017 Statements of Net Position.

EXHIBIT 3
CAPITAL DISBURSEMENTS
LAST TEN FISCAL YEARS
(\$000)



Note: These disbursements include DC Water's share of Washington Aqueduct's capital disbursements.

Source: FY 2008 – 2017 Statements of Cash Flows.

2. Revenue Capacity These schedules contain information regarding the Authority's most significant revenue sources.

EXHIBIT 4 OPERATING REVENUES AND RATE INCREASES LAST TEN FISCAL YEARS (\$000)

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Operating Revenues										
Retail Customers										
Residential, Commercial and Multifamily	\$ 401,246	\$382,552	\$335,711	\$295,209	\$275,337	\$256,846	\$241,475	\$209,796	\$191,543	\$183,553
Federal Government	67,672	63,417	54,274	39,001	45,187	48,381	43,033	37,845	35,195	35,888
DC Government	30,429	28,890	24,453	21,205	14,714	18,213	17,827	15,628	10,116	9,391
DC Housing Authority	10,054	9,295	8,495	7,647	6,963	6,500	7,296	6,319	6,688	6,802
Other Revenues	32,149	19,762	14,460	13,917	9,700	16,077	8,210	6,655	3,337	3,846
Total Retail Customers	541,550	503,916	437,393	376,979	351,901	346,017	317,841	276,243	246,879	239,480
Wholesale Customers	101,619	91,873	112,522	96,845	87,178	94,549	90,414	87,505	85,519	82,854
Total Operating Revenues	\$ 643,169	\$595,789	\$549,915	\$473,824	\$439,079	\$440,566	\$408,255	\$363,748	\$332,398	\$322,334
Retail Rate Increases	5.00%	6.50%	7.50%	5.50%	5.50%	4.50%	12.50%	9.00%	7.50%	5.50%

Source: FY 2008 - 2017 Statements of Revenues, Expenses and Changes in Net Position

EXHIBIT 5 NUMBER AND TYPE OF CUSTOMER ACCOUNTS LAST TEN FISCAL YEARS

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Retail Accounts										
Residential	105,762	106,120	105,735	104,965	104,477	103,887	103,857	103,315	103,665	103,674
Commercial (A)	18,807	18,828	18,947	19,433	19,343	19,242	19,165	19,049	19,060	18,528
Governmental										
Federal	560	558	550	542	542	538	549	546	540	533
District of Columbia	650	641	638	641	630	605	607	603	606	590
DC Housing Authority	1,457	1,462	1,446	1,452	1,460	1,435	1,431	1,431	1,220	1,218
Total Retail Accounts	127,236	127,609	127,316	127,033	126,452	125,707	125,609	124,944	125,091	124,543
DC Water	39	39	39	37	36	36	35	35	30	30
Washington Aqueduct	2	2	2	2	2	2	2	1	2	2
Wholesale	7	7	7	7	7	7	7	7	7	7
Total Number of Accounts	127,284	127,657	127,364	127,079	126,497	125,752	125,653	124,987	125,130	124,582

⁽A) Included in commercial are multi-family and exempt accounts

Source: D.C. Water Department of Customer Service

EXHIBIT 6 TEN LARGEST COMMERCIAL CUSTOMERS LAST TEN FISCAL YEARS

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Howard University	\$ 3,957,007	\$ 3,823,023	\$ 3,237,999	\$ 2,662,949	\$ 2,699,376	\$ 2,596,564	\$ 1,862,880	\$ 1,735,598	\$ 1,640,815	\$ 1,706,124
George Washington University	2,477,970	2,338,974	2,763,055	2,609,611	2,161,183	2,530,632	2,122,176	1,618,618	1,777,659	2,020,849
William C Smith & Co	2,226,722	2,455,990	2,076,534	2,277,833	1,782,719	1,787,150	1,709,334	1,505,145	-	-
Washington Hospital Center	1,624,588	1,991,344	1,830,586	1,671,855	1,693,655	933,027	1,270,788	1,113,672	823,743	514,275
Georgetown University	1,438,247	1,324,563	1,413,714	2,605,884	1,865,068	1,842,860	2,238,766	2,100,705	2,135,768	2,055,644
Metropolitan Washington Airports Authority	1,068,877	1,008,250	923,394	807,803	716,929	661,509	-	-	-	-
Amtrak	983,224	1,019,570	1,028,989	984,336	1,004,177	937,430	903,475	761,235	963,925	795,825
Georgetown University Hospital	808,884	920,681	720,247	955,353	1,053,659	1,643,380	1,371,035	-	-	-
Medstar-Georgetown Medical Center	807,540	-	-	-	-	-	-	-	-	-
American University	750,235	1,001,742	1,078,412	1,125,050	1,253,038	869,211	-	694,565	1,524,262	773,109
Horning Brothers	-	1,335,613	-	1,347,287	1,258,995	1,163,586	1,122,879	993,115	-	-
Shoreham Hotel	-	-	1,035,982	-	-	-	-	-	656,182	458,828
The Barac Company	-	-	-	-	-	-	927,022	776,134	-	-
Soldiers Home	-	-	-	-	-	-	897,121	804,533	818,641	948,708
Marriott Wardman Park Hotel	-	-	-	-	-	-	-	-	1,037,663	681,480
JW Marriott Hotel	-	-	-	-	-	-	-	-	556,985	-
Children's Hospital	-	-	-	-	-	-	-	-	-	841,774
Washington Hilton Hotel	-	-	-	-	-	-	-	-	-	792,227
Total	\$ 16,143,294	\$17,219,750	\$16,108,912	\$17,047,961	\$ 15,488,799	\$14,965,349	\$14,425,476	\$12,103,320	\$11,935,643	\$11,588,843
% of Total Operating Revenues	2.51%	2.89%	2.93%	3.60%	3.53%	3.40%	3.53%	3.33%	3.59%	3.60%

Source: DC Water Department of Customer Service

EXHIBIT 7 TEN LARGEST GOVERNMENT CUSTOMERS LAST TEN FISCAL YEARS

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
D.C. Housing Authority	\$ 7,492,820	\$ 6,999,037	\$ 6,922,176	\$ 6,308,902	\$ 5,879,383	\$ 5,669,475	\$ 6,277,722	\$ 5,750,927	\$ 6,266,786	\$ 6,339,434
U.S. General Services Administration	7,092,342	11,670,623	6,425,889	7,598,077	7,184,034	7,443,691	6,877,787	6,575,977	6,773,195	8,199,985
National Park Service	4,621,035	3,656,234	2,233,857	1,363,657	2,577,096	2,481,144	2,217,698	2,384,771	2,844,549	2,257,749
U.S. Congress	4,597,331	3,223,507	6,524,863	4,019,627	4,926,790	5,225,952	4,214,640	3,559,903	4,028,564	4,096,695
Smithsonian Institution	3,635,763	2,768,661	3,219,324	2,810,786	3,038,455	2,681,705	3,997,326	2,564,033	3,605,478	4,325,576
Bolling Air Force Base	3,115,393	2,602,439	2,509,536	1,928,617	2,265,348	2,925,847	-	-	2,279,861	-
D.C. Board of Education	2,497,561	2,228,498	2,166,846	2,391,393	2,092,748	2,213,636	2,142,907	2,534,044	2,292,454	3,062,431
Federal Naval Research Lab	1,853,214	1,975,742	1,802,150	1,542,370	1,833,491	1,788,497	-	-	-	-
Department of the Navy	1,662,225	1,708,908	-	-	1,521,264	1,886,750	3,832,568	2,851,611	3,504,547	3,011,883
D.C. Recreation and Parks	1,604,350	1,695,630	1,702,488	1,216,398	-	-	-	-	-	-
Department Defense VA	-	-	4,020,624	3,275,936	3,275,936	3,527,613	2,873,310	2,759,264	2,136,653	2,425,139
D.C. Department of Human Services	-	-	-	-	-	-	3,272,747	2,047,213	-	1,914,251
Department of Defense DC	-	-	-	-	-	-	2,151,529	1,608,642	2,248,076	3,292,402
Total	\$38,172,034	\$38,529,279	\$37,527,753	\$ 32,455,763	\$34,594,545	\$35,844,310	\$37,858,234	\$ 32,636,385	\$ 35,980,163	\$ 38,925,545
% of Total Operating Revenues	5.93%	6.47%	6.82%	6.85%	7.88%	8.14%	9.27%	8.97%	10.82%	12.08%

Source: DC Water Department of Customer Service

EXHIBIT 8 RETAIL WATER AND SEWER RATES LAST TEN FISCAL YEARS

			(c)				(g)	
		(b)	DISTRICT	(d)	(e)	(f)	IMPERVIOUS	
	(a)	WATER SYSTEM	PUBLIC SPACE	WATER	SEWER	COMBINED	SURFACE	AVERAGE
FISCAL	METERING	REPLACEMENT	OCCUPANCY	CONSUMPTION	CONSUMPTION	CONSUMPTION	AREA	MONTHLY
YEAR	FEE	FEE	FEE AND PILOT	RATE	RATE	RATE	CHARGE ²	BILL ¹
2008	2.010	-	0.47	2.14	3.23	5.37	-	38.22
2009	2.010	-	0.52	2.30	3.31	5.61	1.240	41.26
2010	2.010	-	0.57	2.51	3.61	6.12	2.20	45.69
2011	3.860	-	0.63	3.10	3.79	6.89	3.45	53.93
2012	3.860	-	0.64	3.24	3.96	7.20	6.64	59.11
2013	3.860	-	0.66	3.42	4.18	7.60	9.57	64.64
2014	3.860	-	0.70	3.61	4.41	8.02	11.85	69.77
2015	3.860	-	0.63	3.88	4.74	8.62	16.75	77.96
2016	3.860	6.30	0.64	3.36	5.44	8.80	20.30	88.99
2017	3.860	6.30	0.65	3.52 ³	5.71	9.23	22.24	93.66

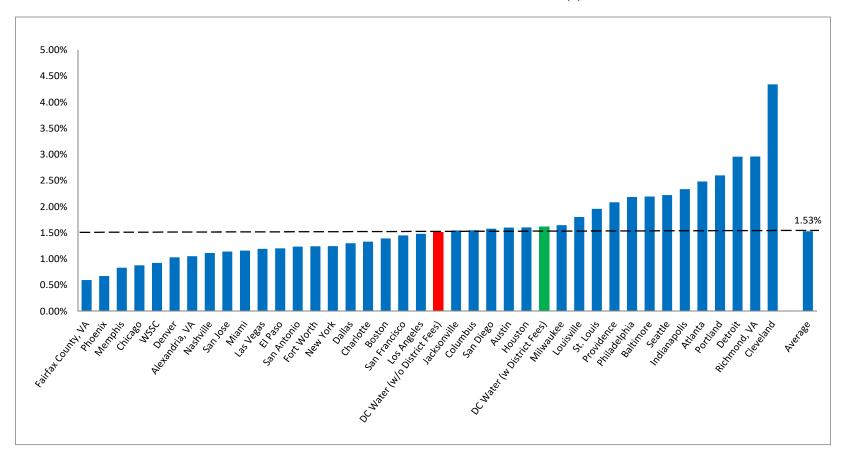
¹ Average residential customer consumption is 6.2 Ccf per month. The average monthly bill is calculated as follows (a)+(b)+(g)+(((c)+(f)) x 6.2 Ccf)

Source: D.C. Water Department of Finance & Budget

² Per Equivalent Residential Unit (ERU).

³ Weighted average water rate for residential customers.

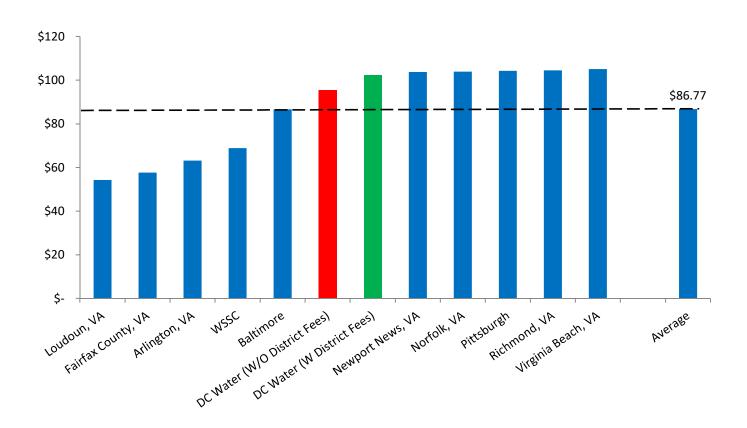
EXHIBIT 9
RESIDENTIAL WATER AND WASTEWATER BILL COMPARISONS
AS A PERCENTAGE OF MEDIAN HOUSEHOLD INCOME (1)



(1) This analysis is based on a single family residential monthly bill as a percentage of median household income for large national utilities based on rates in effect fall 2017.

Source: DC Water Department of Finance & Budget

EXHIBIT 10
RESIDENTIAL WATER AND WASTEWATER BILL COMPARISONS
TO LOCAL AND REGIONAL UTILITIES (1)



(1) This analysis represents single family residential average monthly bill based on rates in effect fall 2017.

Source: DC Water Department of Finance & Budget

3. Debt Capacity
These schedules present information showing the Authority's current levels of outstanding debt and the Authority's ability to issue additional debt in the future.

EXHIBIT 11 OUTSTANDING DEBT AND DEBT RATIOS LAST TEN FISCAL YEARS (\$000, EXCEPT PER CAPITA)

	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Senior Debt:										
2017 Series A Public Utility Revenue Bonds	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2017 Series B Public Utility Revenue Bonds	200,000	-	-	-	-	-	-	-	-	-
2014 Public Utility Revenue Bonds	350,000	350,000	350,000	350,000	-	-	-	-	-	-
2009 Series A Public Utility Revenue Bonds	8,040	11,535	159,520	291,145	293,720	296,205	298,225	300,000	300,000	-
1998 Public Utility Revenue Bonds	156,605	170,525	183,660	196,050	207,735	218,815	229,315	239,270	248,705	257,645
Total Senior Debt	814,645	532,060	693,180	837,195	501,455	515,020	527,540	539,270	548,705	257,645
Subordinate Debt:										
2016 Series A Public Utility Revenue Bonds	389,110	389,110	-	-	-	-	-	-	-	-
2016 Series B Public Utility Revenue Bonds	25,000	25,000	-	-	-	-	-	-	-	-
2015 Series A Public Utility Revenue Bonds	100,000	100,000	-	-	-	-	-	-	-	-
2015 Series B Public Utility Revenue Bonds	250,000	250,000	-	-	-	-	-	-	-	-
2014 Series B-1 Public Utility Revenue Bonds	50,000	50,000	50,000	50,000	-	-	-	-	-	-
2014 Series B-2 Public Utility Revenue Bonds	50,000	50,000	50,000	50,000	-	-	-	-	-	-
2014 Series C Public Utility Revenue Bonds	377,110	377,110	377,700	-	-	-	-	-	-	-
2013 Series A Public Utility Revenue Bonds	300,000	300,000	300,000	300,000	300,000	-	-	-	-	-
2012 Series A Public Utility Revenue Bonds	158,740	163,655	168,405	172,990	177,430	177,430	-	-	-	-
2012 Series B-1 Public Utility Revenue Bonds	-	-	-	52,690	52,690	52,690	-	-	-	-
2012 Series B-2 Public Utility Revenue Bonds	-	-	47,310	47,310	47,310	47,310	-	-	-	-
2012 Series C Public Utility Revenue Bonds	163,215	163,215	163,215	163,215	163,215	163,215	-	-	-	-
2010 Series A Public Utility Revenue Bonds	300,000	300,000	300,000	300,000	300,000	300,000	300,000	-	-	-
2008 Series A Public Utility Revenue Bonds	13,600	20,200	168,190	268,095	274,210	279,955	285,540	290,000	290,375	290,375
2007 Series A Public Utility Revenue Bonds	-	-	115,580	218,715	218,715	218,715	218,715	218,715	218,715	218,715
2003 Public Utility Revenue Bonds	-	-	-	-	-	-	176,220	176,220	176,220	176,220
Notes Payable to the Federal										
Government for Bloomington Dam	12,454	12,841	13,217	13,580	13,932	14,273	14,603	14,922	15,232	15,532
DC General Obligation Bonds	-	-	-	-	-	-	245	1,490	5,180	9,905
Notes Payable to WSSC for Little Seneca	-	-	-	-	-	63	104	142	179	216
Total Subordinate Debt	2,189,229	2,201,131	1,753,617	1,636,595	1,547,502	1,253,651	995,427	701,489	705,901	710,963
Total Senior and Subordinate debt	3,003,874	2,733,191	2,446,797	2,473,790	2,048,957	1,768,671	1,522,967	1,240,759	1,254,606	968,608
Unamortized bond premiums	222,786	198,677	104,060	76,098	79,313	79,674	28,255	29,929	31,102	31,255
Unamortized bond discounts	(2,093)	(2,222)	(2,351)	(2,480)	(2,608)	(2,784)	(2,879)	(2,968)	(3,053)	(3,134)
Total Debt	\$3,224,567	\$2,929,646	\$2,548,506	\$2,547,408	\$2,125,662	\$ 1,845,561	\$ 1,548,343	\$1,267,720	\$1,282,655	\$ 996,729
									<u></u>	
Debt - per capita	N/A	\$ 4,301					\$ 2,505	,		\$ 1,718
Debt - percentage of personal income	N/A	5.65%	5.17%	5.54%	4.37%	3.90%	3.40%	2.94%	3.18%	2.43%

N/A: population and personal income not available

See exhibits 13 and 14 for per capita personal income and population data.

Total debt doesn't include outstanding debt associated with DC Water's short-term debt (commercial paper) program.

Source: D.C. Water Department of Finance & Budget

EXHIBIT 12 CALCULATION OF DEBT SERVICE COVERAGE FY 2017 (\$000)

Prepared in accordance with the Authority's Master Trust Indenture, which corresponds closely to the cash basis of accounting.

Calculation of Debt Service Coverage:

3	
Cash Receipts (Revenues)	
Retail	\$ 474,462
Wholesale	81,136
Other Non-Operating	61,419
Transfer from (Contributions to) Rate Stabilization Fund	(10,000)
Total Cash Receipts (A)	607,017
Cash Disbursements (Operating Expenses) (B)	292,812
Cash Receipts Less Cash Disbursements (C=A-B)	\$ 314,205
Debt Service:	
Senior Debt Service (D)	\$ 51,945
Subordinate Debt Service (E)	109,263
Total Outstanding and Projected Debt Service (F=D+E)	\$ 161,208
Calculation of Net Cash Receipts Available for Senior Debt Service:	
Cash Receipts Less Cash Disbursements (C)	\$ 314,205
Prior Year Federal Billing Reconciliation	(19,201)
(Refund to)/Payment from Wholesale Customers	(10,906)
Net Cash Receipts Available for Senior Debt Service (G)	\$ 284,098
Senior Debt Service Coverage (G/D)	5.47
Calculation of Subordinate Debt Service Coverage:	
Net Cash Receipts Available for Senior Debt Service (G)	\$ 284,098
Less Senior Debt Service (D)	(51,945)
Net Cash Receipts Available for Subordinate Debt Service (G-D)	\$ 232,153
Subordinate Debt Service Coverage ((G-D)/E)	2.12
Combined Debt Service Coverage (G/F)	1.76

Source: D.C. Water Department of Finance & Budget

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4. Demographic and Economic Information
These schedules offer demographic and economic data to help explain the environment within which the Authority's financial activities take place.

EXHIBIT 13 POPULATION OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS

_	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
District of Columbia	N/A	681,170	672,228	658,893	646,449	632,323	617,996	604,912	592,228	580,236
Montgomery County, MD	N/A	1,043,863	1,040,116	1,030,447	1,016,677	1,004,709	989,794	975,439	959,013	942,748
Prince George's County, MD	N/A	908,049	909,535	904,430	890,081	881,138	871,233	865,219	856,161	850,167
Fairfax County, VA	N/A	1,176,830	1,180,139	1,175,622	1,168,405	1,155,292	1,135,992	1,121,054	1,099,347	1,077,509
Loudoun County, VA	N/A	385,945	375,629	363,050	349,679	336,898	325,405	315,305	303,661	292,570

N/A: Not Available

Source: U.S. Department of Commerce, Bureau of Economic Analysis

EXHIBIT 14 PERSONAL INCOME OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS (\$000)

_	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
District of Columbia	N/A	\$51,842,801	\$49,275,917	\$46,015,860	\$ 48,696,519	\$ 47,280,666	\$ 45,597,835	\$ 43,082,099	\$ 40,326,374	\$ 41,014,705
Montgomery County, MD	N/A	84,518,332	79,946,266	75,720,017	73,958,785	73,551,167	69,050,166	65,904,393	62,962,957	65,845,731
Prince George's County, MD	N/A	41,922,938	40,806,805	40,215,913	38,595,921	38,481,250	35,036,640	33,888,631	33,156,357	33,026,742
Fairfax County, VA	N/A	89,412,959	88,419,380	88,180,013	83,835,355	82,727,342	78,392,046	75,161,493	71,954,372	75,302,775
Loudoun County, VA	N/A	27,486,217	26,254,562	24,463,869	20,886,046	20,107,077	18,626,729	16,971,112	15,340,608	15,147,096

N/A: Not Available

Source: U.S. Department of Commerce, Bureau of Economic Analysis

EXHIBIT 15 PER CAPITA PERSONAL INCOME OF SERVICE AREA JURISDICTIONS LAST TEN CALENDAR YEARS

_	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
District of Columbia	N/A	\$ 76,108	\$ 73,302	\$ 69,838	\$ 75,329	\$ 74,773	\$ 73,783	\$ 71,220	\$ 69,093	\$ 70,686
Montgomery County, MD	N/A	80,967	76,863	73,483	72,746	73,206	69,762	67,564	65,654	69,844
Prince George's County, MD	N/A	46,168	44,866	44,465	43,362	43,672	40,215	39,168	38,727	38,847
Fairfax County, VA	N/A	75,978	74,923	75,007	71,752	71,607	69,008	67,045	65,452	69,886
Loudoun County, VA	N/A	71,218	69,895	67,384	59,729	59,683	57,242	53,824	50,519	51,773

N/A: Not Available

Source: U.S. Department of Commerce, Bureau of Economic Analysis

EXHIBIT 16 UNEMPLOYMENT RATES LAST TEN CALENDAR YEARS

_	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
District of Columbia	6.2%	6.5%	6.9%	7.0%	7.3%	8.2%	10.2%	10.1%	9.7%	6.6%
Montgomery County, MD	3.4%	3.2%	4.0%	4.1%	4.5%	4.7%	5.2%	5.8%	5.6%	3.2%
Prince George's County, MD	4.3%	4.1%	5.1%	5.5%	6.2%	6.5%	7.0%	7.7%	7.3%	4.4%
Fairfax County, VA	3.4%	3.3%	3.3%	3.6%	3.7%	3.6%	4.3%	4.9%	4.9%	2.9%
Loudoun County, VA	3.4%	3.3%	3.3%	3.6%	3.9%	3.7%	4.2%	4.8%	4.8%	2.8%

Source: U.S. Department of Labor, Bureau of Labor Statistics

EXHIBIT 17 EMPLOYMENT BY SECTOR

	DISTRICT OF	MONTGOMERY	PRINCE GEORGE'S	FAIRFAX	LOUDOUN
	COLUMBIA	COUNTY	COUNTY	COUNTY	COUNTY
Agriculture, Forestry, Mining, etc.	0.06%	0.33%	0.09%	0.22%	0.76%
Construction	2.06%	5.56%	8.76%	4.45%	8.16%
Manufacturing	0.22%	1.93%	1.89%	0.81%	3.37%
Transportation & Public Utilities	1.56%	2.44%	5.32%	2.50%	6.19%
Wholesale & Retail Trade	3.64%	9.37%	13.32%	8.06%	11.87%
Finance, Insurance & Real Estate	6.12%	11.74%	6.47%	9.66%	8.23%
Services	58.09%	54.80%	42.95%	60.93%	50.29%
Government (Federal, State & Local)	26.64%	12.75%	19.57%	12.26%	10.59%
Military	1.58%	1.09%	1.63%	1.11%	0.54%
TOTAL	100.00%	100.00%	100.00%	100.00%	100.00%

Source: U.S. Department of Commerce, Bureau of Economic Analysis Latest available data is for 2016

5. Operating Information These schedules contain information about the Authority's operations and resources to help he reader understand how the Authority's financial information relates to the activities it perform.

EXHIBIT 18 WATER DELIVERED (PUMPED) AND BILLED (SOLD) LAST TEN FISCAL YEARS

	TREATED		
FISCAL	WATER	WATER	SOLD/PUMPED
YEAR	DELIVERED (MG)	BILLED (MG)	RATIO
2008	40,755	30,603	75.09%
2009	39,998	29,344	73.36%
2010	38,589	29,004	75.16%
2011	37,556	29,040	77.32%
2012	36,930	27,988	75.79%
2013	34,714	26,316	75.81%
2014	34,708	25,374	73.11%
2015	38,146	26,748	70.12%
2016	36,363	26,325	72.40%
2017	35,827	25,845	72.14%

Source: DC Water Department of Customer Service

EXHIBIT 19 WATER DEMAND LAST TEN FISCAL YEARS

MAXIMUM **ANNUAL** MONTH TOTAL ANNUAL **DELIVERIES TO FISCAL AVERAGE DAY AVERAGE** MAXIMUM DAY WATER SOLD **AVERAGE DAY** (MGD) YEAR SYSTEM (MG) (MG) (MGD) (MG) (MGD) 2008 40,755 111.7 130.1 150.5 30,603 83.8 123.2 2009 39,998 109.6 150.4 29,344 80.4 2010 38,589 105.7 130.5 146.9 29,004 79.5 2011 102.9 121.6 143.7 29,040 79.6 37,556 2012 36,930 100.9 125.3 142.9 27,988 76.7 2013 34,714 95.1 111.3 129.7 26,316 71.9 106.6 2014 34,708 95.1 123.7 25,374 72.1 2015 38,146 104.5 117.7 148.4 26,748 73.3 72.1 2016 36,363 99.4 113.8 127.7 26,325 2017 35,827 98.2 107.4 122.7 25,845 70.8

Source: DC Water Department of Water Services and Washington Aqueduct

EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS LAST TEN FISCAL YEARS

_	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Utilities and supplies per day at Blue Plains										
Electric power (kwh) - Total Used	632,220	615,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	745,000
Electric power (kwh) - Generated On Site	138,347	-	-	-	-	-	-	-	-	-
Sodium hypochlorite (gallons)	12,880	10,051	10,051	6,850	6,850	6,850	6,850	6,850	6,850	6,850
Sodium bisulfite (pounds)	9,085	7,880	7,880	5,600	5,600	5,600	5,600	5,600	5,600	5,600
Water (gallons)	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000	525,000
Lime (tons, pounds), dry	-	-	39,000	72,050	72,050	72,050	72,050	72,050	72,050	72,050
Lime (gallons), slurry	3,095	-	-	-	-	-	-	-	-	-
Sodium hydroxide (pounds)	2,854	14,766	14,766	26,100	26,100	26,100	26,100	26,100	26,100	26,100
Methanol (gallons)	20,705	19,428	19,428	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Ferric chloride (10% Iron) (gallons)	16,054	19,060	19,060	12,900	12,900	12,900	12,900	12,900	12,900	12,900
Wastewater treatment capacity										
Average day (mgd)	384	370	370	370	370	370	370	370	370	370
Peak 4 hour flow, through complete process (mgd)	511	511	511	740	740	740	740	740	740	740
Excess storm flow, primary treatment only (mgd)	336	336	336	336	336	336	336	336	336	336
Peak flow (mgd)	847	847	847	1,076	1,076	1,076	1,076	1,076	1,076	1,076
DC Water employees	1,134	1,121	1,164	1,079	1,080	1,051	1,032	1,004	1,000	961

Source: D.C. Water Department of Wastewater Treatment Operations

(CONTINUED ON NEXT PAGE)

EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS (CONTINUED)

Wastewater Plant Permit Limitations September 30, 2012 through September 30, 2017

Parameter	Monthly	Weekly
Biochemical Oxygen Demand (carbonaceous)	5.0 mg/L (15,429 lbs./day)	7.5 mg/l (23.143 lbs./day)
Total Suspended Solids (TSS)	7.0 mg/l (21,600 lbs./day)	10.5 mg/l (32,400 lbs./day)
Ammonia Nitrogen Summer $(5/1 - 10/31)$ Winter 1 $(1/1 - 2/14)$ Winter 2 $(2/15 - 4/30)$	4.2 mg/l (12,960 lbs./day) 11.1 mg/l (34,253 lbs./day) 12.8 mg/l (39,500 lbs./day)	6.1 mg/l (18,823 lbs./day) 14.8 mg/l (45,670 lbs./day) 17.0 mg/l (52,460 lbs./day)
Total Phosphorus (annual average)	0.18 mg/l (555 lbs./day)	0.35 mg/l (1080 lbs./day)
Dissolved Oxygen Minimum daily average Not less than	5.0 mg/l 4.0 mg/l	
pH Minimum Maximum	6.0 units 8.5 units	
Total Chlorine	Non detectable	
E.coli	123 cu/100ml Geometric (30 day)	
Chesapeake Bay Voluntary Agreement Total Nitrogen (Annual Average)	8,467,200 lbs./yr	
U.S. Environmental Protection Agency Total Nitrogen (Annual Average)	4,337,580 lbs./yr	
Wastewater Plant Processes Primary Treatment		
Influent Pumping Capacity	1,300 MGD	
Number of bar screens	13	
Number of aerated grit chambers	16	
Total volume of aerated grit chambers	2.3 MG	
Number of primary clarifiers	36	
Average detention time (clarifiers)	2.5 hours	
Average hydraulic loading (clarifiers)	1,008 gallons/square foot/day	
Maximum hydraulic loading (clarifiers)	2,929 gallons/square foot/day	

EXHIBIT 20 MISCELLANEOUS STATISTICS ABOUT AUTHORITY OPERATIONS (CONTINUED)

		I	
Secondary Treatment		Effluent dissolved oxygen	3.8 - 7.2 mg/L
Number of reactors	6	(Post – Aeration)	
Total reactor volume	27.7 MG	Dual Purpose sedimentation tanks	
Number of clarifiers	24		4 Secondary Treatments
Average reactor detention time	1.6 hours		4 Nitrification Treatments
Average clarifier hydraulic loading	763 gal/sq ft./day	Total Dual Purpose Surface Area	197,160 sq. ft.
Number of centrifugal blowers	6		
Total blower capacity	280,000 cu ft. /min	Filtration & Disinfection	
Average MLSS	2,200 mg/L	Number of filters	40
Average SRT	1.6 days	Total filter area	83,200 sq. ft.
Average SVI	80-100 ml/g	Average filtration rate	3.4 gal/ minute/ sq. ft.
Effluent dissolved oxygen	2-3 mg/L	Average filter run time	55 hours
Effluent alkalinity	140 mg/L as CaCO3	Depth of anthracite media	24 inches
Nitrification / Denitrification		Depth of sand media	12 inches
Number of Nitrification reactors	12	Depth of Gravel Support Layer	12 inches
Total reactor volume	55.2 MG	Number of chlorine contact tanks	4
Number of Denitrification reactors	8	Average contact time	42 minutes
Total reactor volume	36.7 MG		
Number of clarifiers	28		
Average reactor detention time	3.3 hours		
Average clarifier hydraulic loading	755 gallons/square ft./day		
Average MLSS	2000 mg/L		
Average pH	7.0 units		
Average SRT	21 days		
Average SVI	80-110 ml/g		
Effluent alkalinity	110 mg/L as CaCO3		

EXHIBIT 21 SCHEDULE OF INSURANCE AS OF SEPTEMBER 30, 2017

TYPE OF COVERAGE	COMPANY	POLICY PERIOD	COVERAGE LIMITS
Blanket Property and Boiler & Machinery	Alliant Public Entity Property Insurance Program (PEPIP)	July 1, 2017- July 1, 2018	\$1,000,000,000 Blanket Buildings and Contents – (Specified Locations) and Mobile Equipment
			\$100,000,000 Boiler and Machinery
			\$25,000,000 Miscellaneous Locations
			\$100,000,000 Earth Movement
			\$100,000,000 Excess Flood (over NFIP),
			except \$25,000,000 Locations within 100 Year Flood Zone (e.g. Blue Plains)
			Terrorism: \$650,000,000 per occurrence, \$1,250,000,000 annual aggregate (\$250,000,000 of occurrence and aggregate limit dedicated solely to DC Water)
			\$25,000,000 Transit Per Shipment
			Deductibles: \$1,000,000 Any Loss, except \$10,000 Equipment
Fidelity & Crime Insurance	Travelers Insurance	July 1, 2017– July 1, 2018	\$10,000,000 - Employee Dishonesty, Forgery, Funds Transfer, Fraud, Money & Securities Deductible: \$200,000 Per Occurrence
Commercial General Liability	Self-Funded		\$1,000,000 each occurrence
Commercial Automobile	Self-Funded		\$1,000,000 any one accident
			100% Physical Damage - self-funded
Worker's Compensation	Self-Funded		\$1,000,000 each accident
			Statutory WC Benefits
			Employer's Liability - \$1,000,000 Each Accident; \$1,000,000 Disease/ Employee
Excess Worker's Compensation Insurance	Safety National	July 1, 2017- July 1, 2018	Unlimited - WC Benefits; \$3,000,000 - Employer's Liability (Included - Terrorism)
			Retentions: \$1,000,000/accident; \$1,000,000 Disease/ Employee.
Excess General Liability, Automobile Liability, and Employers Liability Insurance	AEGIS	July 1, 2017- July 1, 2018	\$35,000,000 in excess of \$1,000,000
Excess Liability	EIM	July 1, 2017- July 1, 2018	\$65,000,000 in excess of \$35,000,000
Public Official Liability	RSUI Indemnity / Hiscox	July 1, 2017- July 1,	\$20,000,000 Each Loss / Aggregate
	Insurance Company	2018	Retentions: \$250,000 per wrongful act
Fiduciary Liability	Travelers Insurance	July 1, 2017- July 1, 2018	\$5,000,000 Each Loss / Aggregate
		2010	Deductible: \$0 per claim
Cyber	Beazley	July 1, 2017- July 1, 2018	\$5,000,000 Each Loss/Aggregate Deductible: \$100,000
Professional Liability	Lloyds of London	July 1, 2017- July 1, 2018	\$2,000,000 Each Loss Deductible: \$10,000
National Flood	NFIP	July 1, 2017- July 1, 2018	\$500,000 building/contents Deductible: \$50,000 per building/contents

EXHIBIT 22 SUMMARY OF MAJOR PERMITS AND ADMINISTRATIVE ORDERS AS OF SEPTEMBER 30, 2017

Wastewater	Description		Current Status	
National Pollutant Discharge Elimination System Permit # DC0021199	Authorizes discharge of treated wastewater from Blue Plains Advanced Wastewater Treatment Plant (Plant) into the Potomac River and from the combined sewer system into Rock Creek, the Anacostia River, and the Potomac River. Prescribes operating conditions for the Plant and sewer system.	September 30, 2015 ₍₁₎	In Compliance	
National Pollutant Discharge Elimination System	Permit issued to Government of District of Columbia which prescribes certain actions that DC Water has agreed to perform including:	October 7, 2016 ₍₁₎	In Compliance	
Municipal Separate Strom Sewer (MS4)	Responding to sanitary sewer overflows (SSO)			
Permit # DC0000221	Reporting SSOs that overflow to MS4 system to public health agencies Cleaning catch basins and removing trash from waterbodies Maintaining storm sewer system infrastructure Collecting stormwater fees for the government of the District of Columbia			
1995 Consent Decree	Requires certain actions including:	N/A	In Compliance All items completed;	
Civil Action No.: 90-1643-JGP and	Review procurement practices & maintenance procedures		awaiting action to terminate decree	
84-2842-JGP	Undertake Operational Capability Review Conduct a pilot project for biological nitrogen reduction		terrimate decree	
1996 Stipulated Agreement & Order	Requires certain actions including:	N/A	In Compliance All items completed;	
Civil Action No.: 96-669-TFH	Rehabilitate and maintain certain facilities and capital equipment in good operating condition Maintain certain records and data for status reports and prepare monthly reports on status of compliance Maintain user fees in separate accounts and make timely payment of invoices		awaiting action to terminate agreement and order	
2003 Consent Decree	Requires certain actions including:	N/A	In Compliance	
Civil Action No.: 1:00CV00183TFH	 Replacement/repair of control structures Cleaning/inspection of catch basins 			
Civil Action No.: 02-2511 (TFH)	Rehabilitation of pumping stations Rehabilitation of Blue Plains grit chambers and influent screens Inspection of certain sewers and siphons Public education/outreach activities Payment of civil penalty of \$250,000 Conduct/support of supplemental environmental projects			
2005 Modified Consent Decree for CSS LTCP	Requires implementing projects for various components of the combined sewer system (CSS)	N/A	In Compliance	
Consolidate Civil Action No;	long term control plan (LTCP). On January 14, 2016, the Court entered the First Amendment to			
1:00CV00183TFH	the Consent Decree to incorporate DC Water's Total Nitrogen Wet Weather Plan and modify the requirement for the Potomac and Rock Creek watersheds to include Green/Gray Infrastructure in Potomac watershed, and Gray Infrastructure in the Rock Creek watershed. The Consent Decree does not have an expiration date.			
DC Department of Energy and the Environment	Permit to construct the enhanced nitrogen removal facility	2/20/2015(2)	In Compliance	
DC Department of Energy and the Environment	Permit to construct biosolids project – main process train/combined heat & power/final dewatering facility	3/15/2015(2)	In Compliance	

 $_{(1)}$ Administratively extended in accordance with the terms of the permit. $_{(2)}$ Extended monthly pending issuance of revised Air permit.

EXHIBIT 23 BUDGETARY COMPARISON SCHEDULE FOR FISCAL YEAR 2017

	Approved Budget	Actual Expenditures	Variance
Expenditures			
Personnel services	\$ 144,761	\$ 149,294	\$ (4,532)
Contractual services	82,760	72,930	9,830
Water purchases	29,278	26,796	2,482
Chemicals and supplies	34,709	31,373	3,336
Utilities and rent	28,670	24,260	4,410
Small equipment	1,230	1,178	52
Interest and fiscal charges (debt service)	169,346	165,836	3,510
Payment in lieu of tax & right of way fee	21,057	21,057	(0)
Cash financed capital improvements	24,014	-	24,014
Total budgetary basis expenditures	\$ 535,825	\$ 492,724	\$ 43,102

Reconciliation between total budgetary basis expenditures and total expenses reported in statements of revenues, expenses and changes in net position

Capitalized personnel expenditures		(17,231)
Depreciation expense		97,900
Long-term debt - principal payments		(29,317)
Long-term debt - capitalized interest		(77,003)
Build America Bonds subsidy		5,316
Inventory issuances		814
Blue Drop		(241)
Non-budgeted expenses		3,462
Total expenses reported in statements of revenues, expenses and changes in net position	\$	476,424

(CONTINUED ON NEXT PAGE)

EXHIBIT 23 BUDGETARY COMPARISON SCHEDULE FOR FISCAL YEAR 2017 (CONTINUED)

BUDGETARY ACCOUNTING AND CONTROL

Budget Law

The Authority prepares its operating and capital budgets under the provisions of its enabling legislation. In accordance with those provisions, the following process is used to adopt the annual budget.

- Development of the 10-year financial plan
- Development of individual departmental operating budgets, based on the financial framework in the 10-year financial plan
- Review and development of the Authority wide proposed budget by the General Manager
- Presentation of proposed budget to the Board of Directors
- Review and development of proposed budget by the Board of Directors
- Adoption of proposed budget by the Board of Directors
- Submission of proposed budget to the District of Columbia for inclusion in its budget
- District of Columbia budget submission to U.S. Congress
- Approval of proposed budget by U.S. Congress and President

Budgetary Accounting

The Authority is a single enterprise fund and maintains accounting records using the accrual basis of accounting, in accordance with U.S. generally accepted accounting principles (GAAP). Under this basis of accounting, revenues are recognized when earned, and expenses are recognized when goods and services are received. The Authority's expenditure budget is prepared on a comparable basis to GAAP, with the exception of debt service, which is budgeted in full when due, including principal and interest. Depreciation is not budgeted; depreciation is recorded as an expense for financial statement purposes. Certain other items are also not budgeted such as bad debt expense or (recovery) and loss (gain) on disposals of fixed assets or inventory.

Budgetary Requirements

After the U.S. Congress approves the budget, the operating and capital budgets are loaded into the Authority's financial management system, which prevents overspending without appropriate approvals. The Department of Finance, Accounting and Budget prepares monthly management reports for each operating unit, management staff, the Board of Directors, and its various committees. The reports are consistently reviewed each month to ensure the Authority complies with its authorized budget levels.