

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

Board of Directors

Meeting of the Governance Committee

January 13, 2021

9:00 a.m.

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Phone Conference ID: 899 173 50#

AGENDA

1. Call to Order	Lavinia Baxter, Vice Chairperson
2. Roll Call	Linda Manley, Board Secretary
3. FY20 Certified Business Utilization Report	Korey Gray, Compliance Officer
4. Blue Drop FY21 Q1 Update	Thomas Kuczynski, President Blue Drop Vice President, Information Technology
4. Financial Resilience	Ivan Boykin, Director, Finance
5. Executive Session *	
6. Adjournment	Lavinia Baxter, Vice Chairperson

^{*} The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(2); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4)(A); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8); personnel matters under D.C. Official Code § 2-575(b)(10); proprietary matters under D.C. Official Code § 2-575(b)(11); train and develop members of a public body and staff under D.C. Official Codes § 2-575(b)(12); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the



FY 2020 Certified Business Utilization Report

Tommy Wells, Chairman

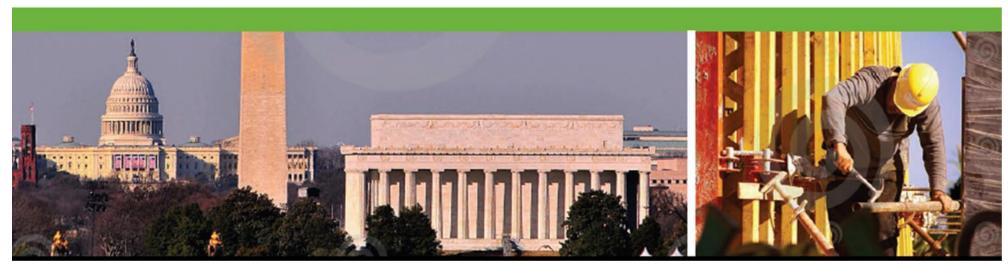




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Acronyms and Definitions

- > CBE Certified Business Enterprise The unique certification for District based local and local small business enterprises from the Department of Small and local Business Development
- > Certified Firms: For the purposes of this report, certified firms collectively refers to LBEs, LSBEs, DBEs and WBEs.
- **CFR:** Code of Federal Regulations.
- > DBE Disadvantaged Business enterprise: An entity owned or controlled by a socially and economically disadvantaged individual.
- **EPA** Environmental Protection Administration.
- **Exempt Awards** Non Competitive purchases and awards as identified in Section 5332 of the DC Water Procurement Regulations.
- Fair Share Objective A goal based on the capacity and availability of qualified, certified DBEs and WBEs in the relevant geographic market for the grant recipient in the procurement categories of construction, equipment, services, and supplies compared to the number of all qualified entities in the same market for the same procurement categories.
- **LBE** –Local Business Enterprise A local business enterprise as certified by the District of Columbia or a user jurisdiction.
- > LSBE Local Small Business Enterprise A local small business enterprise as certified by the District of Columbia or a user jurisdiction.
- Small Business Enterprise for the purpose of the DC Water LBE and LSBE Program a small business enterprise as certified by the District of Columbia or user jurisdiction.
- > Socially Disadvantaged Individual any individual who is a citizen (or lawfully admitted permanent resident) of the United States and who has been subjected to racial or ethnic prejudice or cultural bias within American society because of his or her identity as a member of groups and without regard to his or her individual qualities.
- User Jurisdiction DC Water's user jurisdiction consisting of the District of Columbia, Fairfax County, Loudoun County, Montgomery County, Prince George's County.
- > WBE Women Owned Business Enterprise: for the purpose of the federal mandated program and fair share objectives, a business which is certified as such by a state, federal agency, or a business which is at least 51% owned by a woman or women, who also controls and operates it.



OUR PROGRAMS

Since the implementation of the Business Development Plan in 2009, DC Water has administered its Local Small Business Enterprise preference program (LSBE Program) for discretionary projects and a separate Fair Share Objective, which established utilization goals for certified Disadvantaged and Women Business Enterprises on federally supported projects.

1. LSBE Program

- A geographic preference program (up to 10 points or 10%)
- > Generally applies to Goods and Service procurements.

II. Fair Share Objectives

- Establishes utilization goals for Disadvantaged Business Enterprises (DBE) and Women Business Enterprises (WBE).
 - o Established by DC Water (every 3 years) and accepted by the EPA
 - o DC Water has the highest goals in EPA's Region 3: DC, DE, MD, PA, VA, & WV

Services	DBE Goals	WBE Goals
Professional (A/E Agreements)	28%	4%
Construction	32%	6%

o Institution of Six (6) Affirmative Steps to ensure DBE/WBEs have equitable access to the available procurements.

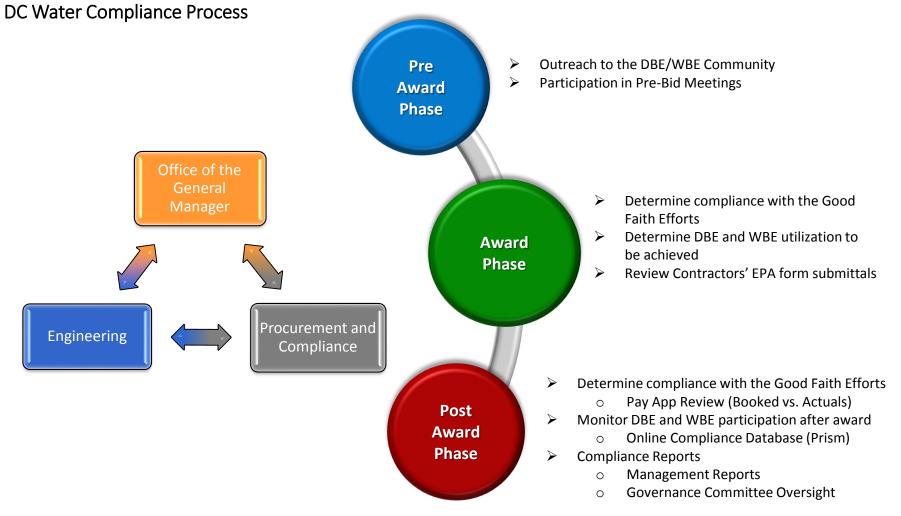
DC Water's policy is to meet or exceed its goals in dollars paid to certified firms as well as to the number of certified firms participating on DC Water Projects.



OUR PROGRAMS

III. Certified Business Enterprise Utilization. In addition to its two primary programs, DC water also established utilization goals for District based Certified Business Enterprises (CBEs) for its green infrastructure installation, maintenance, and operation projects. By virtue of the Green Infrastructure Memorandum of Agreement with the District of Columbia, all GI Projects carry a 50% CBE goal.







Performance Results

The following summary of certified firm participation for FY20 comes from contract commitments expressed in the fact sheets, subcontractor approval requests and/or contractor invoices. Change orders and amendments are captured in subsequent years when the changes are made to the contracts.

Contract award commitments provide an indication of the amount that will be paid to certified firms. However, actual payment data is the best measure of DC Water's success in being inclusive. To that end, DC Water also closely monitors project schedules and invoices to ensure that certified firms are paid for the work they perform.



Performance Results

In FY20, certified firms received 35.6 percent - or approximately 64.97 Million – of the total \$182.2 Million total awards. The table below (Table 1) summarizes the FY20 certified firm participation by award type, and Figure 2 illustrates the participation of local small, disadvantaged, and women business enterprises overall.

Table 1: FY20 Participation Summary

Total Value of Awards in FY 2020 - \$182.42M

- I. Goods and Service Awards

 Total Awards \$27.22M

 Total LSBE Participation \$6.51M
- II. Architect and Engineering Awards
 Total Awards \$53M
 Total DBE Awards \$15.09M
 Total WBE Awards \$2.37M
- III. Construction Awards

 Total Awards \$102.2M

 Total DBE Awards \$33.5M

 Total WBE Awards \$7.5M





Performance Results

Goods and Services Awards (Local Small Business Enterprise Participation)



FY 20 Procurement Results – Discretionary Awards Goods and Services

- > Program applies to discretionary awards.
- Large Goods and Services or Construction (non-federal)
- > Preference Points are used to encourage participation (up to 10 percent or 10 points)

FY 20 Activity

- > FY 20 Awards: 25
 - o Value of FY 20 Actions: \$27,219,198.97
- > Actions with LSBE Firms: 12
 - o Value of LSBE Participation: \$6,509,405.74 (23.91%)



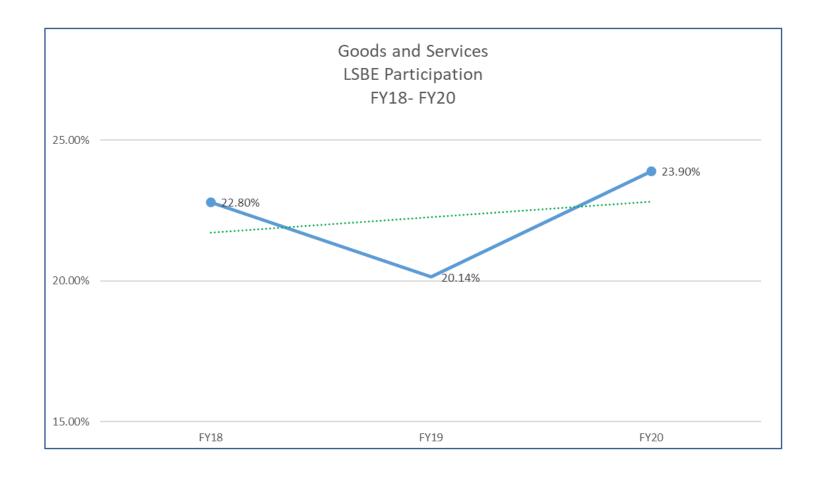
FY 20 Procurement Results – Discretionary Awards Goods and Services

Total Number "Eligible" Goods and Service Awards: 25

o Total Value: \$27.219 Million

Award Type	# of Awards	Total Value	# of LSBE's	LSBE Awards
Administration	8	\$ 2,209,723.00	1	\$ 267,750.00
Facilities	1	\$ 50,000.00	1	\$ 50,000.00
Fleet Services/Supplies	1	\$ 1,426,785.00	1	\$ 1,426,785.00
IT Services/Supplies	6	\$ 15,948,146.44	1	\$ 49,924.00
Office Supplies	1	\$ 75,000.00	1	\$ 75,000.00
Operations	7	\$ 5,758,915.79	4	\$ 2,889,318.00
Staffing	1	\$ 1,750,628.74	1	\$ 1,750,628.74
Total	25	\$ 27,219,198.97	10	\$ 6,509,405.74







Performance Results

Architect and Engineering Awards (Disadvantaged and Women Business Enterprise Participation)



Performance Results

In FY 20, these projects contained the EPA Fair share Objective language.

➤ Projects carried a 28% DBE and 4%WBE goal

FY 20 Activity

> FY 20 Awards: 4

o Value of FY 20 Actions: \$53M

➤ DBE Participation: \$15.09M (28.5%) Goal Achieved

➤ WBE Participation: 2.37M (4.5%) Goal Achieved



FY 2020 Procurement Results

A/E Awards (4) Total Value: \$53,000,000.00

DBE Utilization

- Avg Expected DBE Participation: 28.5%
- Range: 29% Highest Goal/ 28% Lowest Goal

Actual DBE Participation

	DCW DBE	%
Award	\$ 15,090,000	28.5%

Total # of DBE firms: 10

Number of Projects Meeting (Expected to Meet) the DBE Goal: 4

WBE Utilization

- ➤ Avg Expected WBE Participation: 4.5%
- ➤ Range: 5% Highest Goal/ 4% Lowest Goal

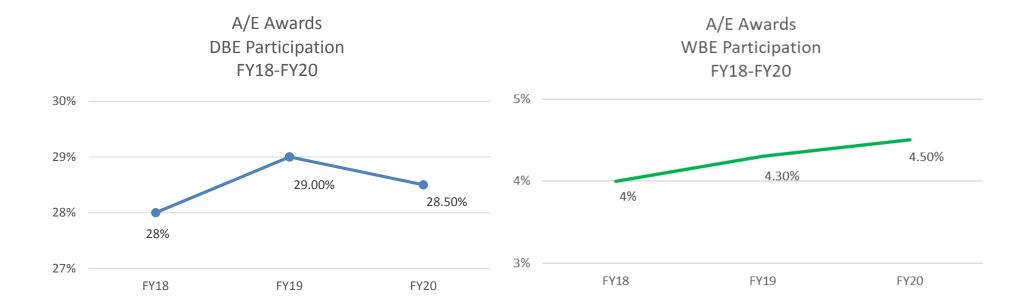
Actual WBE Participation

	DCW WBE	%
Award	\$ 2,370,000	4.5%

Total # of WBE firms: 8

Number of Projects Meeting (Expected to Meet) the WBE Goal: 4







Performance Results

Construction Awards
(Disadvantaged and Women Business Enterprise Participation)



Performance Results

In FY 20, these projects contained the EPA Fair share Objective language.

➤ Projects carried a 32% DBE and 6%WBE goal

FY 20 Activity

> FY 20 Awards: 12

o Value of FY 20 Actions: \$102.22M

➤ DBE Participation: \$33.53M (32.8%) Goal Achieved ➤ WBE Participation: \$7.55M (7.39%) Goal Achieved



FY 2020 Procurement Results

Construction Awards (12)
Total Value: \$102,229,585.50

DBE Utilization

Avg Expected DBE Participation: 32.80%

Range: 40% Highest Goal/ 4% Lowest Goal

Actual DBE Participation

	DCW DBE	%
Award	\$ 33,531,332.24	32.8%

Total # of DBE firms: 52

Number of Projects Meeting (Expected to Meet) the DBE Goal: 11

WBE Utilization

> Avg Expected WBE Participation: 7.39%

➤ Range: 13% Highest Goal/ 1% Lowest Goal

Actual WBE Participation

	DCW WBE	%
Award	\$ 7,555,989.48	7.39%

Total # of WBE firms: 37

Number of Projects Meeting (Expected to Meet) the WBE Goal: 11





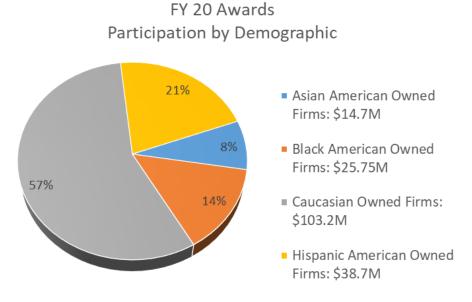


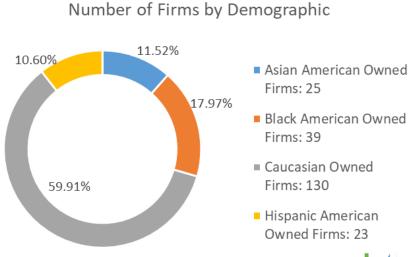
Performance Results

Demographics Analysis

Of the \$182.42 Million awarded in FY 20:

- Asian American-owned firms' participation totaled \$14.7 million, or 8.1%
- ▶ Black American owned firms received \$25.75 million, or 14.1%
- Caucasian owned firms received \$103.2 million, or 56.6%
- ► Hispanic American-owned firms received \$38.7 million, or 21.2%





FY20 Awards



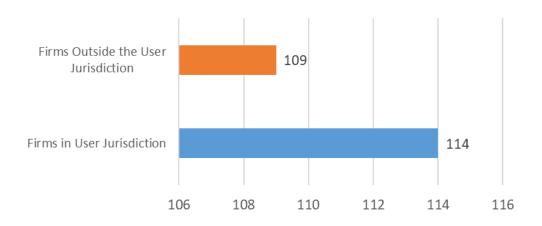
Performance Results

Demographics Analysis

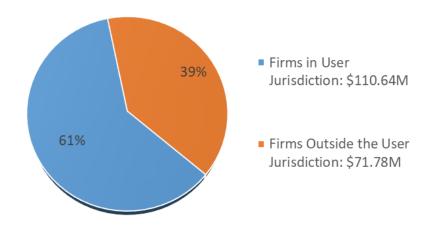
Of the \$182.42 Million awarded in FY 20:

- ➤ 110.64 Million, or 60.7% was awarded to firms in the user jurisdiction
- > 71.78 Million, or 39.3% was awarded to firms outside the user jurisdiction

FY20 Awards Number of Firms by Location

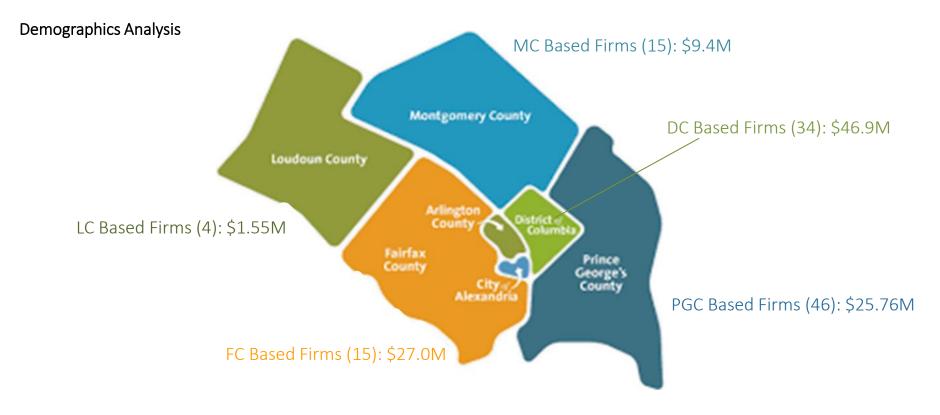


FY 20 Awards Participation By Location





Performance Results



Firms Outside the OUJ (109): \$71.78M



Performance Results

Program Highlights



FY 2020 Accomplishments

- DC Water completed the updates to its Business Development Plan.
- Created a new "Contractors College" to support the development and capacity building activities of certified firms (launch expected in the Spring '21).
- Public Services Commission Advisory Commission: The DC Public Service Commission created the Advisory Council on Utility Supplier and Workforce Diversity (Advisory Council) to develop recommendations and best practices to the Commission on areas related to improving diversity and inclusion among utility suppliers in the District. CEO and General Manager David L. Gadis served as Vice Chairman of the Council. Additionally, the Council established three workgroups to oversee the development of the recommended best practices for the Council: Business Development, Outreach and Job Training and Retention. These workgroups were managed by DC Water staff.

Honors and Recognitions:

- ➤ CEO and General Manager David L. Gadis was honored as a "Black History Hero" at the Maryland Washington Minority Contractors Association's 7th Annual Black History Awards ceremony.
- DC Water received the "Most Innovative Corporate Leader of the Year" award from the MWMCA.
- DC Water was recognized as a "Champion for Minority Business Enterprises" with the District of Columbia Metro Hispanic Contractor's Association.
- > DC Water received the "Workforce Development CURT Award for Excellence" from the Construction Users Roundtable for the DC Water Work's Program.
- Compliance Officer, Jamal Jones was a recipient of the Institute for Supply Management's (ISM) "30 under 30 Supply Chain Stars Award for 2020!".



DC Water FY 2020 Certified Business Outreach

November 2019

DC Water participated in a Small Business Seminar hosted by Gallaudet University. Met with 10 firms.

December 2019

- DC Water hosted an information session for certified firms concerning opportunities related to industrial/ office supplies, and information technology. 25 firms participated.
- DC Water spoke at the Fort Myer Small Business Roundtable Event on December 13,2019. 15 firms participated.

February 2020

- > DC Water hosted a roundtable event with the IT Department for certified firms. Over 30 firms participated.
- CEO and General Manager David L. Gadis spoke at the MWMCA's Black History Day Awards ceremony Over 100 firms and attendees participated.



June 2020

DC Water hosted a virtual roundtable with certified firm to discuss the impact of Covid on contracting opportunities. 40 firms participated.

July 2020

DC Water participated in the District of Columbia Department of Small and Local Business Development (DSLBD) virtual Match-Making Session on July 15,2020. Met with four firms.

September 2020

- DC Water hosted a series of six virtual user trainings for contractors concerning the new Enterprise Resource Planning (ERP) system. Over 500 firms participated.
- DC Water was selected to lead a virtual session at the January National Institute for Government Purchasing (NIGP) annual conference. Videotaping for the session, titled," An Overview of the Benefits and Best Practices For Increasing Diversity & Inclusion In An Organization's Procurement Strategy" took place in September/October 2020.



Celebrating All Of DC Water's Certified Partners!

DC Water appreciates the work of the over 400 certified firms supporting its A/E, Construction, and service projects. The following pages list those certified firms working on (any) active (not completed and closed) DC Water Projects. The list is sorted alphabetically and includes their certification type, and total contract value (including any change orders).



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
A&G Masonry	DBE	Construction	\$ 395k	No
A1 Access	WBE	Design	\$ 484k	No
Aaron's Concrete Pumping	WBE	Construction	\$ 1.19M	No
Abby Enterprises	WBE	Construction	\$ 250k	No
Absolute Solution	DBE	Construction	\$ 1.85M	No
ACCURATE CONCEPTIONS LLC	CBE	Services	\$ 1.28M	Yes
Ackerman & Baynes, LLC	DBE	Construction	\$ 2.86M	No
Acorn Supply and Distribution, Inc	DBE	Service and Supplies	\$ 4.13M	No
ADC MANAGEMENT SOLUTIONS	CBE/DBE	Design	\$ 1.70M	Yes
Adeb, Inc	DBE	Construction	\$ 254k	No
ADP GROUP	LSBE	Services	\$ 3.56M	Yes
Adtek Engineers	DBE	Design	\$ 150k	No
ADVANCE DIGITAL SYSTEMS	LSBE	Services	\$ 5,.32M	Yes
Advantage Manhole	WBE	Construction	\$ 630k	No
Aggregate Placement Corporation	DBE	Construction	\$ 600k	No
AJ Stationers	DBE	Construction	\$ 143k	No
AJK ENTERPRISE LLC	CBE/DBE	Services	\$ 97k	Yes
AJK Trucking	DBE	Construction	\$ 245k	No
ALAN TYE AND ASSOCIATES LC	LSBE	Services	\$ 1.42M	Yes
Albrecht Engineering, Inc	WBE	Construction	\$ 474k	No
Aldea Services	WBE	Construction	\$ 1.44M	No
Alexandria Pest Services, Inc	DBE	Construction	\$ 101k	No
Allegany Door & Hardware	WBE	Construction	\$ 57k	No
Allied Company	DBE	Design	\$ 1.50M	No
Altro Janitorial and Maintenance Service	DBE	Construction	\$ 706k	No
Amerigal	DBE	Construction	\$ 3.07M	No
AMPCUS INC	LSBE	Services	\$ 912k	Yes
Antionette Charles Photography	WBF	Services	\$ 21k	No
Apex Petroleum	DBE	Services and Supplies	\$ 2,23M	No
A-Plus Contracting	WBE	Construction	\$ 2,23M	No
APRO Enterprises	DBE	Construction	\$ 1,11W 5.8k	No
Arch Products	WBE	Construction	\$ 60k	No
Arriba Mechanical	DBE	Construction	\$ 1.56M	No
Arthur Construction	DBE	Construction	\$ 1.36W 413k	No
	DBE		\$ 368k	No
Arthur Engineering Services,LLC Asphalt General	WBE	Construction Construction	\$ 368k \$ 13k	No
Atlantic Concrete Cutting, Inc	WBE	Construction	\$ 13k \$ 371k	No
Atlantic Screen	WBE	Construction		No No
Atlantic Traffic Safety	WBE	Construction		No
AULtec, Inc	DBE	Construction	\$ 973k	No
Autumn Contracting, Inc	DBE	Construction	\$ 1.17M	No No
Aves Construction	DBE	Construction	\$ 3.43M	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
Barbara J Architect	CBE/WBE	Design	\$ 3.91M	No
Barbara J Sales	WBE	Construction	\$ 2.2k	No
Bay Associates Environmental, Inc	WBE	Construction	\$ 2.71M	No
Belstar	DBE	Design	\$ 66k	No
Beltway Paving	WBE	Construction	\$ 18k	No
Bernstein Associates	WBE	Construction	\$ 33k	No
Best Fence, LLC	DBE	Construction	\$ 138k	No
Best Masonry	DBE	Construction	\$ 276k	No
Blue Lake Crane, LLC	DBE	Construction	\$ 99k	No
Blueboy Blueprints	DBE	Construction	\$ 31k	No
BOTA Consulting Engineers	DBE	Construction	\$ 76k	No
Bravo Pacific	DBE	Construction	\$ 5.61M	No
Brothers Signal Company	DBE	Construction	\$ 485k	No
Browne E&C Services Inc	DBE	Construction	\$ 207k	No
Bryant Associates, Inc.	DBE	Design	\$ 2.63M	No
BSCI, Inc	DBE	Design	\$ 600k	No
Buena Vista Associates	DBE	Construction	\$ 3.58M	No
Bulldog Construction, Inc	DBE	Construction	\$ 30.16M	No
Bulldog Distribution Trucking, LLC	DBE	Construction	\$ 80.72M	No
BVF Engineering	DBE	Construction	\$ 1.08M	No



	Award Type (Services)	(all awards)	DC Water
DBE	Canatauratian	i i	No No
	Construction	\$ 5.12M	
DBE	Construction	\$ 852k	No
			Yes
			No
	Construction		No
DBE	Construction		No
DBE	Design		No
DBE	Construction	\$ 424k	No
DBE	Construction	\$ 289k	No
CBE	Service and Supplies		Yes
DBE	Design		Yes
	-		No
			No
			
			No
			Yes
			Yes
			Yes
			No
	Design		No
CBE	Services		Yes
DBE	Construction		No
WBE	Construction		No
CBE	Construction	\$ 698k	No
CBE	Services	\$ 692k	Yes
CBE	Services	\$ 816k	Yes
DBE	Design		No
DBE	Construction		No
	Construction		No
			No
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	LSBE DBE DBE DBE DBE DBE DBE DBE	LSBE Services DBE Construction DBE Design DBE Design WBE Construction DBE Design DBE Construction CBE/WBE Services LSBE Services DBE Design WBE Design WBE Construction CBE Services DBE Construction CBE Services DBE Construction CBE Services DBE Construction CBE Construction CBE Construction CBE Construction DBE Construction	LSBE Services \$ 2,48M DBE Construction \$ 190k DBE Construction \$ 1.64M DBE Construction \$ 25k DBE Construction \$ 1k DBE Construction \$ 74k DBE Construction \$ 4.03M DBE Design \$ 16k DBE Design \$ 124k DBE Construction \$ 289k DBE Construction \$ 289k DBE Construction \$ 21.20M DBE Design \$ 13.13M DBE Design \$ 13.13M DBE Design \$ 300k WBE Construction \$ 1.10M DBE Design \$ 300k WBE Construction \$ 1.25M DBE Design \$ 1.20M DBE Design \$ 1.20M DBE Design \$ 1.24k DBE Design \$ 1.46k DBE



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
Daco Construction	DBE	Construction	\$ 657k	No
Davis Brothers Construction	DBE	Design	\$ 2.83M	No
Dawn Underground Engineering	WBE	Design	\$ 365k	No
De Leon Access Floors	DBE	Construction	\$ 17k	No
Debra Glass	WBE	Construction	\$ 90k	No
Debra's Glass	WBE	Construction	\$ 375k	No
Deetech Engineers Surveyors	DBE	Construction	\$ 50k	No
DeLeon Access Floors	DBE	Construction	\$ 3k	No
Delmarva Trailer Sales and Rentals	DBE	Construction	\$ 45k	No
Delon Hampton and Associates	CBE/DBE	Design	\$ 8.97M	Yes
Dillion Lightning Protection Systems	WBE	Construction	\$ 27k	No
Diogo LLC	WBE	Construction	\$ 230k	No
Distinct Engineering Solutions	DBE	Design	\$ 131k	No
Diversified Environmental	DBE	Construction	\$ 89k	No
Diversified Property Management	WBE	Design	\$ 13k	No
DLZ National Inc	DBE	Design	\$ 1.00M	No
DM Enterprises	DBE	Design	\$ 600k	No
DM Enterprises	DBE	Design	\$ 48k	No
DMY Engineering Consultants	DBE	Construction	\$ 51k	No
DocSav Industries	DBE	Construction	\$ 1.28M	No
DOT Diamond Core	WBE	Construction	\$ 85k	No
DP Consultants	CBE/WBE	Construction	\$ 620k	Yes
Dramby Environment	WBE	Construction	\$ 99k	No
Dulles Engineering	DBE	Construction	\$ 33k	No
Dulles Geotechnical and Materials Testing	DBE	Construction	\$ 1.53M	No
Dynamic Concepts Inc	CBE/DBE	Construction	\$ 8.99M	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
[P. F. Landscaning	DBE	Construction	\$ 20k	No
E&F Landscaping	DBE		\$ 20k \$ 796k	No
E2CR, Inc		Construction	· ·	
EBA Engineering	DBE	Construction		No
EBA Environmental	DBE	Design	\$ 200k	No
ECONOMIC SYSTEMS INC	LSBE	Services	\$ 387k	Yes
EHT Traceries	WBE	Design	\$ 800k	No
Elite Hauling Group	DBE/WBE	Construction	\$ 12.38M	No
EMC2,Inc	DBE	Construction	\$ 14.89M	No
Empire Landscape, LLC	DBE/WBE	Construction	\$ 584k	No
Empower Logistics	WBE	Construction	\$ 318k	No
EMSI Engineering Inc	DBE	Construction	\$ 18k	No
EnTech Engineering	WBE	Construction	\$ 12.91M	No
Enterprise Security Solutions	WBE	Design	\$ 1.48M	No
Environ-Civil Engineering	DBE	Design	\$ 360k	No
Enviroscan	WBE	Design	\$ 28k	No
Envision Consultants	DBE	Construction	\$ 17k	No
EPCM Inc	DBE	Design	\$ 4.82M	No
EV Trucking	DBE	Construction	\$ 3k	No
F AND L CONSTRUCTION INC	CBE/DBE	Construction	\$ 1.72M	Yes
Fast Signs of Washington	CBE/DBE	Construction	\$ 26k	No
Filly Oil, Inc	DBE	Construction	\$ 128k	No
FIRST TIME PLUMBING & HEATING	LSBE	Services	\$ 26k	Yes
Firvida Construction Corp.	DBE	Construction	\$ 247k	No
FMC & Associates	DBE	Construction	\$ 613k	No
Forella Group	DBE	Design	\$ 247k	No
Foundation Test Group, Inc	WBE	Construction	\$ 1.59M	No
Fredericktowne Labs	DBE	Construction	\$ 6k	No
Froehling & Robertson, Inc.	DBE	Construction	\$ 399k	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
G & C Equipment Corp.	DBE	Construction	\$ 19k	No
G&C Service and Supply	DBE	Construction	\$ 8.75M	No
G. E. Frisco	DBE	Construction	\$ 10.82M	No
GANN TEK INC	LSBE	Services	\$ 2.63M	Yes
Garcia Tree Experts Co, Inc	DBE	Construction	\$ 62k	No
GARDINER KAMYA & ASSOC(GKA)	CBE	Services	\$ 243k	Yes
GE Frisco Company	DBE	Construction	\$ 8.12M	No
Genesis Steel Services	DBE	Construction	\$ 4.93M	No
Geo Concepts Engineering	WBE	Design	\$ 187k	No
Geo Tech Engineers	DBE	Construction	\$ 89k	No
Glover's Septic Services, Inc	DBE	Construction	\$ 252k	No
Goel Services, Inc.	DBE	Construction	\$ 90k	No
Grayhound Trash Removal	WBE	Construction	\$ 1k	No
Green Petroleum, LLC	DBE	Construction	\$ 707k	No
Grounded Electrical	DBE	Construction	\$ 1.37M	No
GSIPT	WBE	Design	\$ 462k	No
H.E.P Construction	DBE	Construction	\$ 150k	No
H.Y. Kim dba Paragon Casework	DBE	Construction	\$ 126k	No
HAKS	DBE	Design	\$ 2.79M	No
HAWLEY THOMAS ENTERPRISES INC	CBE	Services	\$ 200k	Yes
Hayat Brown	CBE	Design	\$ 856k	No
HB Permit Services, Inc	DBE	Design	\$ 125k	No
HGM Management and Technologies	DBE	Design	\$ 238k	No
Hi Mark Construction	DBE	Construction	\$ 31.21M	No
Hillis-Carnes Services	CBE	Construction	\$ 114k	No
Hope Furrer Associates, Inc	DBE	Construction	\$ 371k	No
Horses First, Inc	WBE	Construction	\$ 38k	No
Horton Mechanical	DBE	Construction	\$ 670k	No
HSA Inc	DBE	Construction	\$ 1.95M	No
Huezo Trucking	DBE	Construction	\$ 290k	No
Hybrid Construction & Engineering Group	WBE	Construction	\$ 916k	No
IBS MANAGEMENT AND CONSULTANCY	LSBE	Services	\$ 516k	Yes
ICE TPIP	WBE	Construction	\$ 10k	No
ICONIC PLUMBING LLC	CBE	Services	\$ 150k	Yes
Ideal Electrical Supply Corp	CBE/WBE	Service and Supplies	\$ 7.69M	No
Industrial Louvers	WBE	Construction	\$ 12k	No
INNOVATIVE PEST MANAGEMENT INC	LSBE	Services	\$ 284k	Yes
Insight Engineering	DBE	Construction	\$ 156k	No
Interagency Inc	DBE	Design	\$ 1.04M	No
Ironshore Contracting	DBE	Construction	\$ 788k	No
ISSI UXO and consulting	DBE	Construction	\$ 487k	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value	Is a Prime/Has Primed with DC Water
10 1/5	225		(all awards)	11.5.5
J & K Equipment	DBE CDE (DDE	Construction	\$ 700k	No No
Jackson & Tull	CBE/DBE	Construction	\$ 1.06M	No
Janette H. Redrow, LTD	WBE	Construction	\$ 974k	No
JANIFER & ASSOCIATES LLC	LSBE	Services	\$ 224k	Yes
Jaxson Point Electrical Construction	WBE	Construction	\$ 744k	No
JB Belfield	DBE	Construction	\$ 92k	No
JCK Underground	DBE	Construction	\$ 38k	No
JD trucking	DBE	Construction	\$ 3k	No
J-Dos International	WBE	Design	\$ 100k	No
Jeffrey's Trucking Inc	DBE	Construction	\$ 560k	No
Jenny Engineering	DBE	Design	\$ 9.01M	No
Jernigan Concrete Pumping	DBE/WBE	Construction	\$ 100k	No
JEROME L. TAYLOR TRUCKING INC	CBE	Services	\$ 984k	Yes
Jett Caulking	WBE	Construction	\$ 13k	No
JF Trucking	DBE	Construction	\$.4k	No
JLT Trucking	DBE	Construction	\$ 8k	No
Jm Trucking	DBE	Construction	\$ 3k	No
JUNMA Engineering, PLLC	DBE	Design	\$ 118k	No
JVP Engineers	DBE	Design	\$ 720k	No
Keville Enterprises	WBE	Design	\$ 1.86M	No
Keys Materials & Utilities, Inc	DBE	Construction	\$ 6.89M	No
Kim Engineering	DBE	Construction	\$ 492k	No
Klean Kare	DBE	Construction	\$ 13k	No
KLSL CONSULTING LLC	CBE	Services	\$ 1.75M	Yes
Kroner Environmental	WBE	Construction	\$ 595k	No
L.S Caldwell and Associates	CBE/WBE	Services	\$ 3.46M	Yes
Langue Trucking	DBE	Construction	\$ 1k	No
LANIER ELECTRONICS GROUP	LSBE	Services	\$ 50k	Yes
Legion Design	CBE	Design	\$ 527k	No
Leuterio Thomas, LLC	DBE	Design	\$ 678k	No
Leyden Electric, Inc	WBE	Construction	\$ 12.01M	No
List & Associates, LLC	DBE	Design	\$ 477k	No
Lourenco Consultants	DBE	Design	\$ 400k	No
Luther Supply	DBE	Construction	\$ 1.19M	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
M&M	DBE	Design	\$ 785k	No
M. Barbosa Construction	DBE	Construction	\$ 242k	No
Macia Construction	DBE	Construction	\$ 212k	No
Mar Allen	DBE	Construction	\$ 181k	No
Marine Solutions	WBE	Design	\$ 8k	No
Marquez Trucking	DBE	Construction	\$ 1k	No
Matadi Construction	CBE/DBE	Construction	\$ 722k	No
Material Matters	WBE	Design	\$ 37k	No
MB STAFFING SVCS LLC	CBE	Services	\$ 5.45M	Yes
MC Hauling	DBE	Construction	\$ 207k	No
McGee Mobile Crane, Inc	WBE	Construction	\$ 1.31M	No
McKissack & McKissack	CBE/WBE	Construction	\$ 2.12M	No
Mechanical Contractors	DBE	Construction	\$ 172k	No
Mercado Consultants	DBE	Design	\$ 104k	No
Metro Paving Corporation	DBE	Construction	\$ 4.30M	No
Mida Inc.	WBE	Construction	\$ 74k	No
Midlantic Supply	WBE	Construction	\$ 3k	No
Milhouse Engineering & Construction, Inc	DBE	Design	\$ 1.81M	No
MNK Consultant Inc	DBE	Design	\$ 50k	No
Mohawk Bridge & Iron, Inc.	DBE	Construction	\$ 4.22M	No
Monumental Concrete LLC	DBE	Construction	\$ 56.81M	No
Monumental Maintenance Services	DBE	Construction	\$ 80k	No
Monumental Supply Co.	WBE	Construction	\$ 388k	No
Ms Pipe LLC	WBE	Construction	\$ 32k	No
National Reprographics	WBE	Services	\$ 12k	No
National Service Contractors, Inc	CBE	Construction	\$ 222k	No
NCF Interiors	DBE	Construction	\$ 426k	No
New form Building Services	WBE	Construction	\$ 160k	No
NFF INC	CBE	Services	\$ 3.87M	Yes
NORTH ARROW INC	CBE	Services	\$ 538k	Yes
Northeast Construction, Inc	DBE	Construction	\$ 2.10M	No
NSC	CBE	Construction	\$ 222k	No
OAW Trucking	CBE	Construction	\$ 113k	No
Oehlerking Hauling & Rigging	DBE	Construction	\$ 1.08M	No
Oehme Van Sweden	WBE	Design	\$ 374k	No
Oelmann Electric	DBE	Construction	\$ 379k	No
Omega supply	CBE/DBE	Construction	\$ 215k	No
Omni Excavators	CBE/DBE	Construction	\$ 3.88M	No
On Site Photography	WBE	Construction	\$ 8k	No
Osborne	DBE	Construction	\$ 515k	No
OVH Trucking	DBE	Construction	\$ 5k	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
PCI	DBE	Design	\$ 240k	No
PDH Associates	WBE	Design	\$ 107k	No
PDK Commercial Photographers	WBE	Construction	\$ 34k	No
PDK Commercial Photography	DBE	Construction	\$ 2k	No
PEAK TECHNOLOGY SOLUTIONS INC	СВЕ	Services	\$ 1.00M	Yes
Peake Technologies	DBE	Design	\$ 240k	No
PEER Consultants	CBE/WBE	Design	\$ 28.06M	Yes
Perdomo	DBE	Construction	\$ 214k	No
Phoenix Construction	DBE	Construction	\$ 2.59M	No
Phoenix Engineering, Inc	DBE	Design	\$ 1.05M	No
Pioneer Contracting Company	DBE	Construction	\$ 1.31M	No
POLIHIRE STRATEGY CORPORATION	СВЕ	Services	\$ 200k	Yes
POST	DBE	Construction	\$ 117k	No
Potomac Construction	DBE	Construction	\$ 254k	No
Precision Wall	DBE	Construction	\$ 437k	No
Precision Measurements Inc.	WBE	Design	\$ 120k	No
Premier Reprographics	DBE	Design	\$ 1k	No
Premier Services	DBE	Construction	\$ 2.38M	No
PREMIER STAFFING SOURCE INC	LSBE	Services	\$ 1.71M	Yes
Premiums LLC	DBE/WBE	Construction	\$ 1.09M	No
Pronto Paving	DBE	Construction	\$ 90k	No
Quinn Consulting Services	WBE	Construction	\$ 734k	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
R Balter Company	WBE	Design	\$ 120k	No
R&R Contracting, Inc	WBE	Construction	\$ 1.06M	No
R-1 Contracting	WBE	Construction	\$ 70k	No
RAM Construction	WBE	Construction	\$ 785k	No
Ram Tool & Supply Company, Inc	WBE	Construction	\$ 266k	No
Raymond R. Cahow, Inc. T/A Asphalt General	DBE	Construction	\$ 951k	No
RCE Construction	DBE	Construction	\$ 777k	No
Regional Contracting	DBE	Construction	\$ 1.75M	No
REI Drayco	DBE	Construction	\$ 278k	No
Rene Trucking	DBE	Construction	\$ 1k	No
Resource Industries, LLC	DBE	Construction	\$ 1.76M	No
REVIERA ENTERPRISES INC	LSBE	Services	\$ 369k	Yes
Rohadfox Construction Control Services	DBE	Design	\$ 3.57M	No
River To Tap	DBE	Construction	\$ 88k	No
Riveria	DBE	Construction	\$ 60k	No
Rivers Construction	DBE	Construction	\$ 134k	No
Road Safety	DBE	Construction	\$ 59k	No
Robinson & Associates, LLC	CBE/WBE	Design	\$ 635k	No
Robnet	WBE	Construction	\$ 150k	No
RODGERS BROTHERS CUSTODIAL	CBE	Services	\$ 860k	Yes
Royals Commercial	DBE	Construction	\$ 110k	No
Russell Corrosion Consultants	WBE	Design	\$ 327k	No



Firm Name	Certification Type	Award Type (Services)	Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
S&J Services	DBE	Construction	\$ 6.52M	No
Salut-TLB	DBE	Design	\$ 1.28M	No
Sandra's Supplies	WBE	Construction	\$ 148k	No
Savedra Trucking	DBE	Construction	\$ 3k	No
Savin Engineers, P. C.	DBE	Construction	\$ 2.96M	No
SB	DBE	Design	\$ 3.39M	No
Scheduling & Information Services, Inc	WBE	Construction	\$ 187k	No
Schneider Laboratories, Inc.	DBE	Construction	\$ 45k	No
SECA Underground	DBE	Construction	\$ 10.10M	No
Securemedy, Inc.	DBE	Construction	\$ 4.60M	No
Seed and Site Solutions	DBE/WBE	Construction	\$ 57k	No
Seeram Enterprise, LLC	DBE/WBE	Construction	\$ 1.97M	No
SERVICE MASTER OF ALEXANDRIA	LSBE	Services	\$ 3.97M	Yes
Setty and Associates	DBE	Design	\$ 18k	No
Shah & Associates	DBE	Design	\$ 310k	No
Shekinah Group, LLC	DBE	Construction	\$ 3.09M	No
Sheladia Associates, Inc	DBE	Design	\$ 3.83M	No
Shelton Federal Group	DBE	Construction	\$ 28k	No
Shen Milsom & Wilke	DBE	Design	\$ 58k	No
SHINA OMOKANWAYE & ASSOCIATES	LSBE	Services	\$ 2.04M	Yes
Shrewsberry & Assoc	DBE	Construction	\$ 601k	No
Sigma Associates, Inc.	DBE/WBE	Construction	\$ 2.34M	No
Signs by Tomorrow dba Hunt Graphics	WBE	Construction	\$ 27k	No
Simpkins Weston	DBE	Construction	\$ 21k	No
SJ & Son Trucking	DBE	Construction	\$ 441k	No
SJ and Son Construction	DBE	Construction	\$ 41k	No
SJ Service Inc	DBE	Construction	\$ 8,78M	No
Solar energy	WBE	Construction	\$ 189k	No
Solis Inc	DBE	Construction	\$ 61k	No
Somat Engnieering	DBE	Design	\$ 240k	No
SPS CONSULTING LLC	LSBE	Services	\$ 1.14M	Yes
SQN Systems	DBE	Construction	\$ 4.03M	No
SRB COMMUNICATIONS LLC	CBE	Services	\$ 574k	Yes



Firm Name	Certification Type	Award Type (Services)	Total Contract Value	Is a Prime/Has Primed with D	
FIIII Name	Certification Type	Award Type (Services)	(all awards)	Water	
Steel Products	WBE	Construction	\$ 118k	No	
Steffron LLC	DBE	Construction	\$ 600k	No	
Stone Bridge Civil	WBE	Construction	\$ 617k	No	
Straughan Environmental	DBE	Design	\$ 815k	Yes	
Structron & Old Town Engineers	DBE	Design	\$ 100k	No	
Strum Contracting Company	DBE	Construction	\$ 505k	No	
Studio of Sandra Ragan	WBE	Design	\$ 946k	No	
Subsurface & Tunneling Engineering	DBE	Design	\$ 1.35M	No	
Subsurface Technologies	DBE	Services	\$ 24k	No	
Sunrise Safety Services, Inc	DBE/WBE	Services	\$ 1.12M	No	
SUSAN FITZGERALD AND ASSOC	CBE	Services	\$ 2.36M	Yes	
Symmetra	WBE	Construction	\$ 12k	No	
SZ PM Consultants, Inc	DBE/WBE	Construction	\$ 3.49M	No	
T & G Commercial Cleaning, LLC	DBE	Construction	\$ 19k	No	
Tag Distribution	DBE/WBE	Construction	\$ 791k	No	
TAS Demolition and Excavation	DBE	Construction	\$ 20k	No	
TCG Property Care	CBE	Services	\$ 174k	No	
Tech International	DBE	Design	\$ 82k	No	
TECHNICAL SPECIALTIES, INC	LSBE	Services	\$ 225k	Yes	
Techno Consultants	DBE	Design	\$ 750k	No	
Telecommunications Development	DBE	Design	\$ 780k	No	
TeleRep	DBE	Construction	\$ 6k	No	
TFE Resource LTD	WBE	Construction	\$ 1.03M	No	
The Allied Companies, LLC	DBE	Design	\$ 9.55M	No	
The Contractors LLC	DBE	Construction	\$ 42k	No	
The Hill Christian Group	WBE	Design	\$ 90k	No	
The Rigging Box	WBE	Construction	\$ 262k	No	
The Robert Balter Company	WBE	Design	\$ 936k	No	
The Temple Group	CBE/DBE	Design	\$ 520k	No	
The Vann Organization	DBE	Construction	\$ 32k	No	
The Vargas Group	DBE	Construction	\$ 69k	No	
Thomas Construction Group, LLC	DBE	Construction	\$ 1.74M	No	
Tilt Up Construction	WBE	Construction	\$ 176k	No	
Tina Boyd & Associates	CBE/WBE	Construction	\$ 1.08M	No	
TITL Trucking	DBE	Construction	\$ 217k	No	
Tobar Construction	DBE	Construction	\$ 444k	No	
TOPFLITE BUILDING SVCS	LSBE	Services	\$ 301k	Yes	
Total Civil Construction	DBE	Construction	\$ 1.55M	No	
Traffic Engineering Services	DBE	Construction	\$ 140k	No	
TRICON	CBE/DBE	Construction	\$ 4.73M	Yes	
Trijay Systems	DBE	Construction	\$ 377k	No	
Trinity Building Services	WBE	Construction	\$ 131k	No	
Turtle and Hughes	WBE	Construction	\$ 348k	No	



Firm Name	Name Certification Type Award Type (Services)		Total Contract Value (all awards)	Is a Prime/Has Primed with DC Water
United Construction	CBE/DBE/WBE	Construction	\$ 7.59M	No
United Plumbing and Mechanical	DBE	Construction	\$ 1.49M	Yes
Urban Services Systems Corp	LSBE	Construction	\$ 5.83M	Yes
US OFFICE SOLUTIONS	СВЕ	Service and Supplies	\$ 270k	Yes
Utility Imaging	DBE	Construction	\$ 102k	No
V TECH SOLUTION INC	СВЕ	Services	\$ 1.41M	Yes
V. Fernandes Construction	DBE	Construction	\$ 8.54M	No
Vango	DBE	Construction	\$ 265k	No
Versa Traffic Management Corp.	CBE/DBE	Construction	\$ 209k	No
VIGILANCE CONSULTING GROUP LLC	LSBE	Services	\$ 49k	Yes
VION CORPORATION	LSBE	Services	\$ 664k	Yes
W Concrete Inc	DBE	Construction	\$ 724k	No
WASHINGTON OCCUPATIONAL HEALTH	СВЕ	Services	\$ 241k	Yes
Washington Stair & Iron	DBE	Construction	\$ 2.17M	No
Watkins Security Agency of DC	CBE/WBE	Construction	\$ 1.53M	No
WB Waste Solutions LLC	DBE	Construction	\$ 4k	No
WES Legal Group	WBE	Construction	\$ 105k	No
Wiles Mensch Corporation	WBE	Construction	\$ 1.37M	No
Wilton Corp	DBE	Construction	\$ 5k	No
Wilton Corporation	DBE	Construction	\$ 28k	No
Winestead Management Group	DBE	Design	\$ 180k	No
WR Sewage and Excavation	DBE	Construction	\$ 673k	No
WRC Trucking	DBE	Construction	\$ 1k	No
WSI, Inc	DBE	Construction	\$ 664k	No

Blue Drop Board Update

FY2I – QI Update



General Update

- Audit completed
- Web store launched



Strategic Priorities

- 1. Maximize net revenue and cost savings from the marketing and sale of Bloom.
- 2. Maximize net revenue from the marketing and sale of excess capacity at DC Water.
- 3. Collaborate with DC Water to advance a culture of innovation and grow the IP portfolio.
- 4. Maximize net revenue from existing DC Water innovations and technologies.
- 5. Maximize revenue from Blue Drop and DC Water brands.

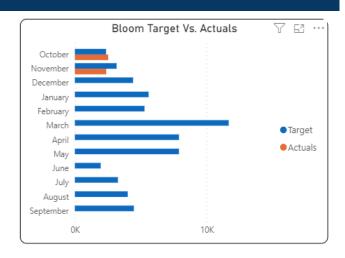


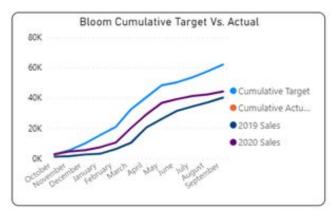
Bloom Update

FY21 Bloom goal is 62,000 tons

FY21 goal is a 40% increase from FY20 actuals of 44,750 tons

- Sold more material in November and December than ever before in those months.
- Sold the most blends ever in one month in October at 1,300 tons which is equivalent to 630 of fresh tons.
- About 500 tons behind on goal due to warm and wet weather
- South Capital Bridge Project has begun taking Bloom and picked up 780 tons since mid-November with a total estimated volume of 4000-7000 tons over the next two years.
- Estimated savings to Blue Plains for October and November are \$400,000.





HQO - Events

FY2021 goal was 20 events based on an anticipated January opening. Will continue to refine goal as COVID-19 situation develops.

- No new events are being scheduled
- July 2020 wedding rescheduled for July 2021
- Wedding interest remains strong--received 300 inquiries since July 2020



Other Revenue Update

Renewal Energy Credit - FY2021 goal is \$1,000,000.

- Collected \$1,066,451 in FY20
- Processed \$327,209 in sales so far in FY21

Cell Towers - FY2021 goal is \$178,000.

- Collected \$130,000 in FY20
- Collected \$68,806 so far in FY21

Continued discussions with Cambi to provide pre-sales support and consulting for new Cambi projects.

Continued discussions about possible partnership to market software IP with international water/wastewater software company



Intellectual Property

FY2021 goal is \$500,000.

- Suez payments
 - Forwarded IRS authorization and requested payment of outstanding balance of \$395,000
- Smart Fountains
 - Flint deployments have been put on hold due to Covid-19
- Pipe Sleuth
 - Processed test videos for United Utilities (UK), Hillsborough County, Citizens, City of Philadelphia, SAK Construction waiting for feedback.
 - Conducted demo for City of Winnipeg
- Innovation Process
 - Blue Drop was part of the core team on the Innovation Refresh



Wendy's Wonderful World of Water

- Published first edition on 10/21
- Sold 170 copies
- Distributed about 200 free copies to local non-profits, classrooms and DC libraries.
- Sold about 50 items of branded merchandise.
- Overall net sales are \$738.94.
 - 10% being donated to SPLASH





Year-to-Date Position

Blue Drop, LLC

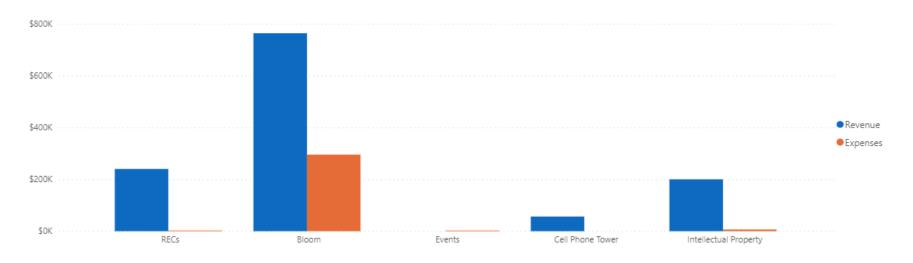
PROFIT AND LOSS

October - November, 2020

	TOTA
▶ Income	\$1,261,238.8
Cost of Goods Sold	\$151,892.1
GROSS PROFIT	\$1,109,346.6
▼ Expenses	
▶ 5000 Compensation	117,507.9
▶ 6000 Professional Fees	83,130.6
▶ 6100 Travel	124.2
▶ 6200 Administration	7,047.3
▶ 6400 Tax License & Insurance	790.8
▶ 7000 Marketing	13,352.7
Bank Charges	138.6
Total Expenses	\$222,092.2
NET OPERATING INCOME	\$887,254.4
Other Income	\$9,173.7
Other Expenses	\$ -1,188.0
NET OTHER INCOME	\$10,361.7
NET INCOME	\$897,616.1



Profit and Loss by Program YTD



Program	Revenue	Expenses
RECs	\$239,920.00	\$2,774.00
Bloom	\$763,364.00	\$295,439.00
Events	\$0.00	\$1,690.00
Cell Phone Tower	\$56,590.00	\$0.00
Intellectual Property	\$200,000.00	\$6,612.00

*Estimated savings to Blue Plains through the end of November are \$400,000

ATTACHMENT xx



DC Water Financial Resilience

Presentation to the Governance Committee January 13, 2021

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY





Purpose

- Discuss DC Water's current financial policies
 - Their impact on DC Water's financial resilience and strength
 - Ability to help keep retail rates low through lower borrowing costs



Financial Resilience and Strength

- DC Water was better prepared for COVID revenue losses because of our financial strength and resilience
 - AAA Rating maintained
 - FY2021 revenue shortfall anticipated to be \$41.5 million, November revenues \$6.2 million, or 4.5%, below budget
 - Rate Stabilization Fund withdrawals may be needed if shortfall exceeds projection
 - Operating budget reductions identified, and some capital project deferrals
 - Coverage will likely be below Board-adopted financial plan



Financial Resilience and Strength

- In FY2021 and FY2022, DC Water has dedicated \$32.8 million for Customer Assistance:
 - One-time (non-recurring funds):
 - \$13 million in Rate Stabilization Fund withdrawals for the benefit of all customers
 - \$15 million in FY2020 surplus for the creation of new onetime assistance programs (household and multi-family relief programs)
 - Ongoing programs:
 - \$4.8 million for CAP and CAP2 programs in FY2021 and FY2022



Strong Financial Position

- DC Water's strong finances provide resilience
 - Reserves maintained for unexpected situations
 - COVID has reduced consumption, commercial consumption alone is down 29%
 - Reserves also sufficient for cash flow purposes
 - Ability of the Board to offer new one-time assistance programs
- Lower borrowing costs
 - DC Water will borrow \$2.4 billion over the next ten years to make infrastructure improvements
 - Our AAA rating allows DC Water to borrow at lower interest rates, which result in lower retail rates for our customers every year



Recent S&P Rating

"Based on our financial management assessment (FMA), we view DC Water to be a 'I' on a scale of I-6, with 'I' being the strongest. An FMA of strong indicates that practices are strong, well embedded, and likely sustainable" – S&P Rating Report for DC Water, I2/I5/2020

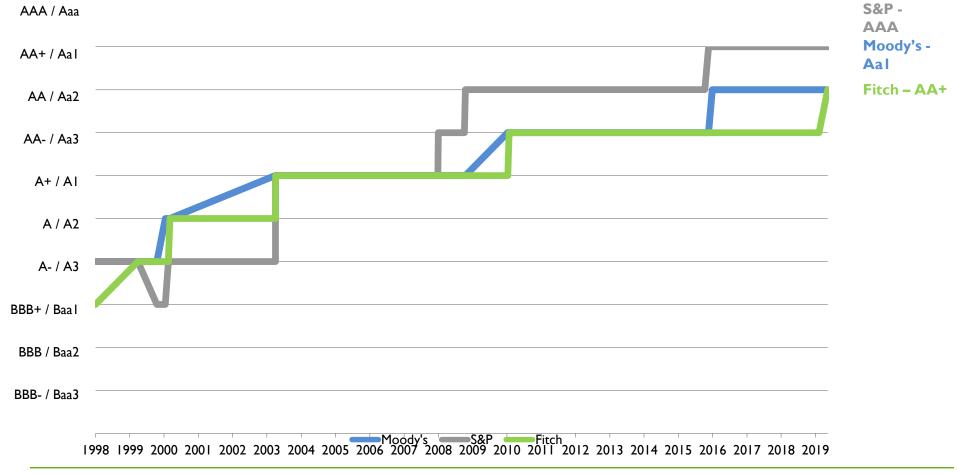
- DC Water maintains most of the best practices deemed critical to supporting credit quality and these are well embedded in daily operations and practices
- Formal policies add to the likelihood that these practices will be continued into the future and transcend changes in the operating environment or personnel:
 - 10-year CIP and a long-term financial forecast with reasonably conservative assumptions and attention to detail
 - Coverage, liquidity, pay-as-you-go capital, and rate stabilization reserve fund goals have been established and met
 - Key financial management policies are regularly reviewed and updated as necessary



Senior Lien Credit Rating History

• As DC Water's finances strengthened, credit ratings improved

Senior Lien Ratings History (1998 – Present)





Financial Metrics

- DC Water management maintains more stringent financial targets than the Indenture and Board policies
- These metrics are reflected in Board-approved annual Financial Plans
- Rating agencies have recognized the financial results achieved by achieving these metrics with upgrades

Metrics	Indenture Requirement	Board Policy	Management Target
Days of Cash on Hand	_	\$125.5 million or 120 Days	250 Days
Combined Debt Service Coverage Ratio	_	_	1.6X
Senior Coverage	I.2X	I.4X	_
Subordinate Coverage	1.0X	1.0X	_
Debt Service as a % of Revenue	_	_	33% of Revenue or Less
Rate Stabilization Fund	_	_	10% of Revenue



Current Financial Policies

DC Water Board Resolution #13-57 Statement of Financial Policies

- Maintain operating reserves of 120 days or \$125.5 million
- Renewal and Replacement Reserve
- Senior Debt Service Coverage of 1.40x
- One-time cash infusion
 - Capital financing/repay higher cost debt
- Use least costly types of financing
- Match assets to liability

DC Water Board Resolution #11-22 Pay As You Go Policy

- Any cash financing of capital projects
- 'Excess cash' is any cash balance greater than needed or its use restricted to meet DC Water's financial policy requirements

DC Water Board Resolution #10-76 Rate Stabilization Fund Policy

- 10-year financial plan provides transfers out of RSF with Board approval
- Authority's annual financial performance determines transfers into RSF with Board approval



Financial Metrics of Select Peer Group

- DC Water's financial metrics compare favorably with select peers
- DC Water maintains 250 days of cash; in this comparison of peers, only Dallas & St. Louis maintain fewer days of cash

Selected Peer	Туре	Moody's Rating (Senior)	S&P Rating (Senior)	Fitch Rating (Senior)	Total Operating Revenues (\$000s)	Total Annual Debt Service (\$000s)	Debt Ratio	Long Term Debt (\$000s)	Total Debt Service Coverage	DS as a % of Total Operating Revenues	Days Cash on Hand	Average Bill as % of Median Effective Buying Income
Atlanta, GA	Water & Sewer	Aa2	AA-	AA-	488,089	206,344	44.7%	3,158,564	2.6x	42.3%	1,357	3.6%
Charlotte, NC	Water & Sewer	Aaa	AAA	AAA	424,327	148,053	36.6%	1,471,334	1.9x	34.9%	960	1.6%
Dallas, TX	Water & Sewer	Aa2	AAA	AA+	617,510	212,157	45.2%	2,673,660	1.6x	34.4%	274	1.8%1
DC Water	Water & Sewer	Aa1	AAA	AA+	710,097	199,056	42.9%	3,531,049	1.9x	28.0%	335	1.6%
Louisville MSD, KY	Sewer	Aa3	AA	AA-	294,368	154,986	58.3%	1,959,198	1.4x	52.7%	283	1.3% ¹
Metro St. Louis Sewer District, MO	Sewer	Aa1	AAA	AA+	401,109	84,025	41.0%	1,510,664	2.9x	20.9%	516	1.2%
NE Ohio Regional Sewer District	Sewer	Aa1	AA+	NR	340,213	90,278	50.3%	1,717,167	2.6x	26.5%	966	2.3% ¹
NYC Water	Water & Sewer	Aa1	AAA	AA+	3,819,799	694,100	92.0%	30,045,906	3.6x	18.2%	305	2.0%
San Antonio, TX	Water & Sewer	Aa1	AA+	AA+	733,179	192,701	42.1%	2,824,280	2.2x	26.3%	505	2.0%

10



Days of Cash



Days of Cash

It is essential that governments maintain adequate levels of fund balance to mitigate current and future risks (e.g., revenue shortfalls and unanticipated expenditures) and to ensure stable tax rates — Government Finance Officers Association

- DC Water has maintained at least 250 days of cash since FY2015
 - This includes reserves and the Rate Stabilization Fund
- These reserves provide liquidity in the event of unexpected expenses or revenue interruptions or losses
- Rating agencies view these cash reserves as a strength



DC Water Reserves

◆ DC Water had \$278.1 million in reserves at the end of FY2020:

O&M Reserves		FY2020 Description
O&M Reserve per Indenture	\$54.3	60 days O&M for previous year
Renewal and Replacement Fund	\$35.0	\$35.0 million
Undesignated Reserve Balance	<u>\$36.2</u>	
Undesignated Reserves	\$125.5	\$125.5 million or 120 days of cash
Rate Stabilization Fund	\$90.2	\$77.2 million, after Board-directed withdrawals in FY21 and FY22
DC Insurance Reserve	\$1.0	District requirement for worker's compensation
Project Billing Refunds	\$15.0	
Excess Reserves	\$46.3	Excess amount through final cash balance



Historical Days of Cash

- In FY2020, DC Water maintained 225 Days of Cash outside of the Rate Stabilization Fund
- The Rate Stabilization Fund has a balance is \$90.2 million, of which \$77.2 million is currently unallocated by the Board
- About \$21.6 million of the Rate Stabilization Fund is needed to maintain 250 days of cash





Days of Cash and the RSF

Pro forma for 250 days of cash at \$208.5m (\$21.6m from RSF)



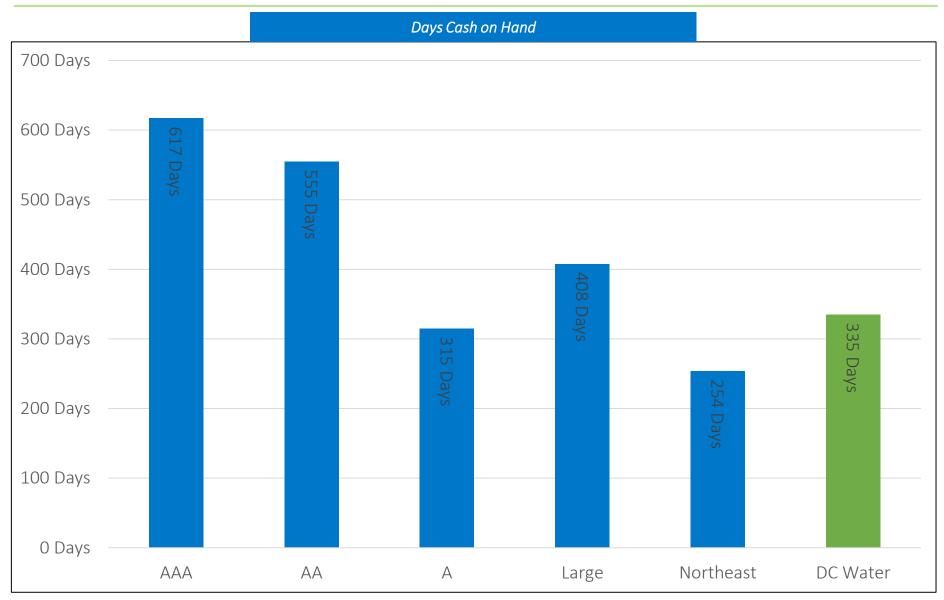


Considerations

- Annually the Board adopts a Ten-Year Financial Plan that, per Board Policy, includes planned Rate Stabilization Fund deposits and withdrawals
- Each Spring the Board reviews financial projections and determines where year-end surplus is allocated (to Rate Stabilization Fund, cash balance, or for PAYGO)
- Could consider changes to Board Policy to increase number of days of cash maintained



Financial Metrics Compared to 2020 Fitch Medians





Debt Service Coverage



Debt Service Coverage

- Debt service coverage is a measurement of cash flow available to pay debt service
- Calculated by taking net revenues (revenue less operating expenditures) and dividing by debt service costs
- These funds are used by the capital program as PAYGO
 - PAYGO, or using cash for capital expenditures, reduces borrowing for the infrastructure renewal program
- - If coverage were to be reduced, more of the capital program would be financed
 - In FY2020 debt service costs were \$199.1 million, 28.2% of revenues



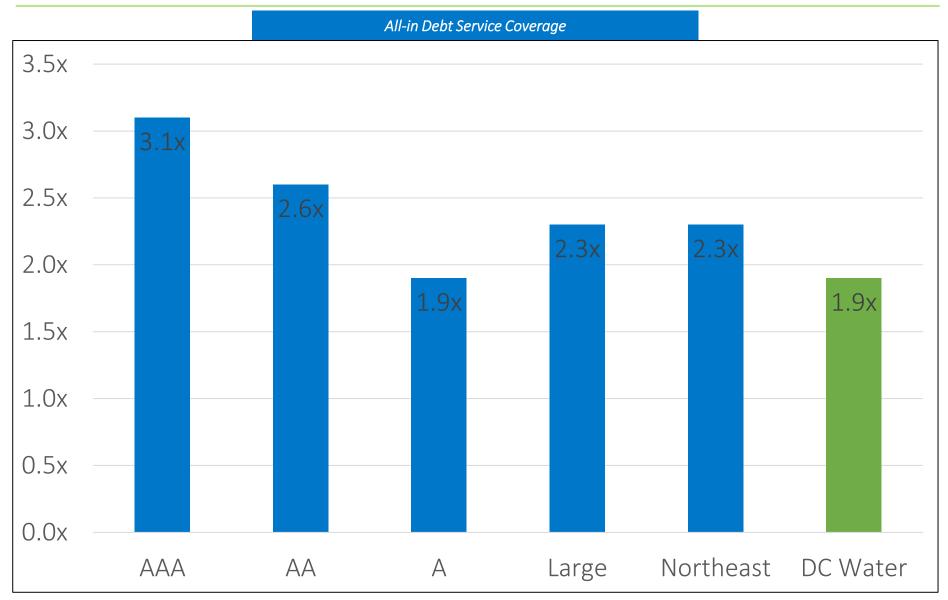
Considerations

- Annually the Board adopts a Ten-Year Financial Plan with projected coverage for budget and all years of the financial plan
- Could consider adopting a combined coverage ratio target

Metrics	Indenture Requirement	Board Policy	Management Target
Combined Coverage Ratio	_	_	1.6X
Senior Coverage	I.2X	I.4X	_
Subordinate Coverage	1.0X	1.0X	_



Financial Metrics Compared to 2020 Fitch Medians





Debt Service as a Percent of Revenues



Debt Service as a Percent of Revenue

- In FY2020 debt service costs were \$199.1 million, 28.2% of revenues
- Capping the percentage of revenues that DC Water will spend on debt service helps ensure that going forward DC Water maintains flexibility to confront new challenges

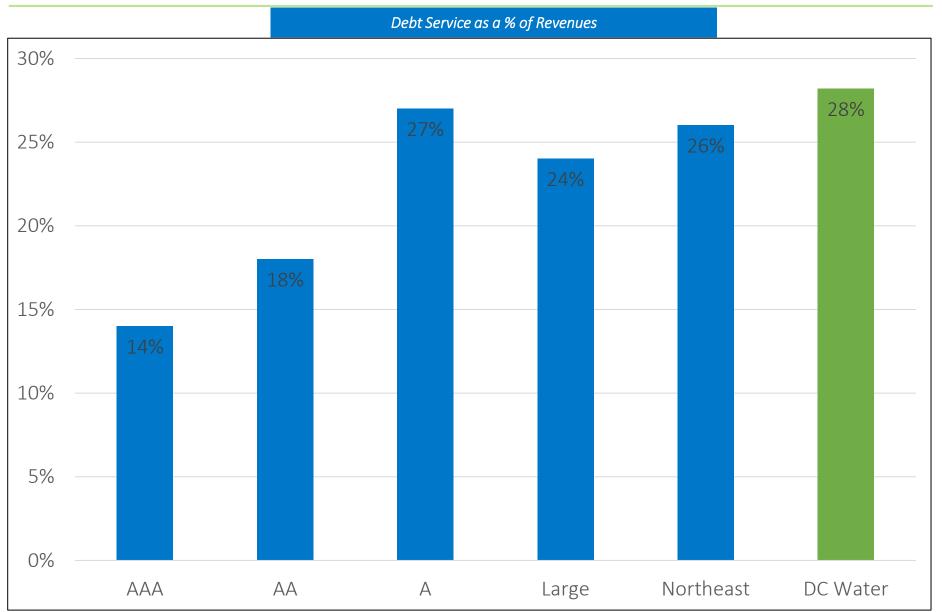


- Annually the Board adopts a Ten-Year Financial Plan with revenue and debt service projections
- Could consider adopting a goal for debt service as a percentage of revenues

Metrics	Indenture	Board	Management
	Requirement	Policy	Target
Debt Service as a % of Revenue	_	_	33% of Revenue or Less



Financial Metrics Compared to 2020 Fitch Medians







Rate Stabilization Fund



RSF Policy

The purpose of the RSF is to help mitigate rate spikes and allow smoothing of annual rate increases — DC Water Rate Stabilization Fund Policy, Board Resolution #10-76

- Held in a separate account and invested consistent with cash management policies
- Managed in a manner consistent with maintaining the highest bond ratings possible
- Financial Plan will include planned utilization of over the 10year period
- Transfers determined annually based on financial performance and at other times as determined by the Board



- Annually the Board adopts a Ten-Year Financial Plan that includes proposed Rate Stabilization Fund contributions and withdrawals
- Current Rate Stabilization Fund policy is mostly procedural, could consider amending to include policy goals

The purpose of this reserve fund is to provide sufficient funding for the cost of maintaining, repairing, and operating the system during extended periods when expenditures are higher and/or revenues are lower than budgeted while offsetting the need for—AWWA example from Orange Water and Sewer Authority



Peer Comparisons

(\$millions)	RSF Balance	Total Revenues	Percent of Revenues	Uses
Portland Water	\$65.8	\$209.I	31%	Smooth rate increases, maintain financial stability and predictability
Philadelphia Water	\$160.0	\$723.1	22%	Cash reserves to mitigate impact of increases and ensure coverage
Boston Water and Sewer	\$61.7	\$378.6	16%	Minimize rate increases of extraordinary cost increases



- Annually the Board adopts a Ten-Year Financial Plan that includes planned contributions and withdrawals from Rate Stabilization Fund
- Could maintain 250 days of cash outside of the Rate Stabilization Fund
 - Transfer portion of the RSF to be transferred to the cash balance
 - Could consider dedicating a portion of the Rate Stabilization
 Fund to the 250 days of cash, \$21.6 million, for example
 - Or dedicate any year-end surplus to the cash balance until 250 days are met
- Revise Rate Stabilization Fund Policy to enumerate benefits
 - Maintaining 250 days of cash (within or outside of the Rate Stabilization Fund) enhances DC Water's credit rating
 - Funds in the RSF could be used for emergency situations (cash shortfalls or for large unplanned expenditures



Use of One-Time Revenue



One-Time Revenues

In general, DC Water will utilize operating cash reserves in excess of the Board's reserve requirement and any other significant one-time cash infusions for capital financing or for repayment of higher cost debt – **DC Water Board Resolution #13-57**

...a government should adopt a formal policy calling for structural balance of the budget. The policy should call for the budget to be structurally balanced, where recurring revenues equal or exceed recurring expenditures —

Government Finance Officers Association

- Examples of DC Water's one-time (non-recurring) revenues:
 - Year-end surpluses
 - Reserves, including the Rate Stabilization Fund



- Through the annual budget, the Board authorizes the use of all funds, including one-time (non-recurring) funds
- Could consider strengthening resolution to ensure that onetime revenues are only used for one-time expenditures



Next Steps

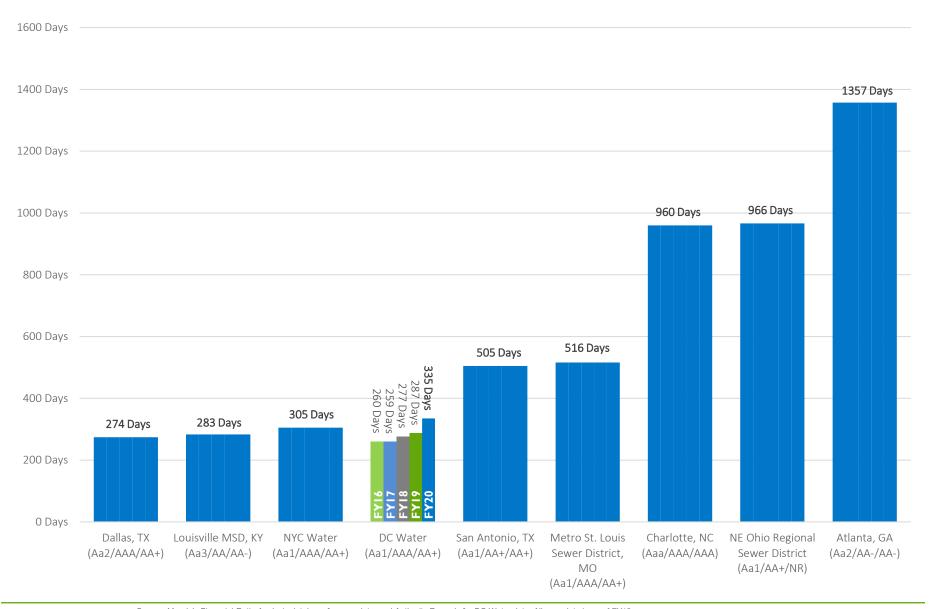
- Continue to assess the impact of COVID on our customers
- Feedback from Financial Advisors
- Committee discussion, feedback, and direction



Appendix



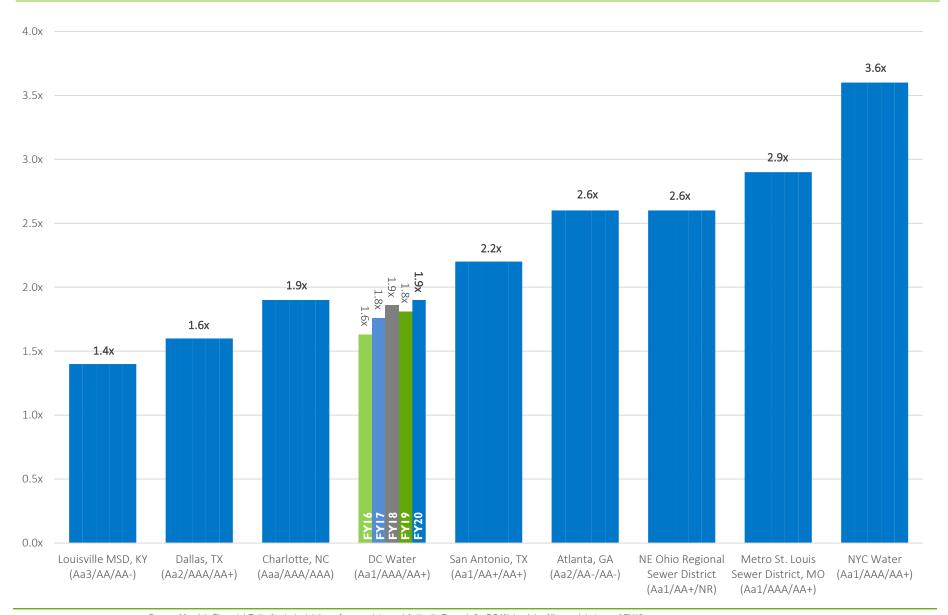
Peer Comparison of Days Cash on Hand





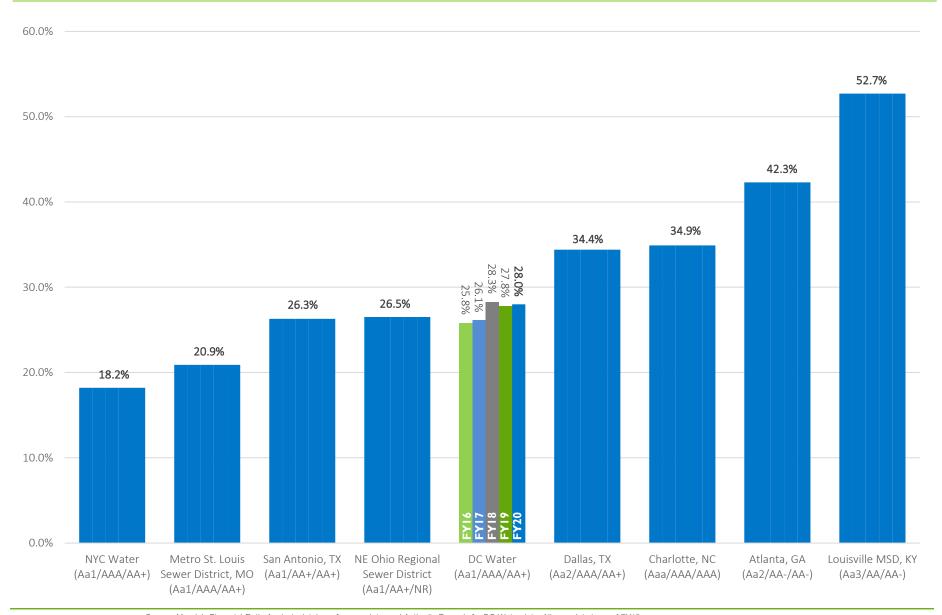


Peer Comparison of Debt Service Coverage





Peer Comparison of Debt Service as a % of Revenues





Value of Robust Credit Ratings

 Current credit ratings provide significant value given size and scope of new money capital plan as well as debt refinancing opportunities

		Individual Bond Sale (\$200 million)			Aggregate Debt Issuance for Capital Program (\$2 billion)		
Rating	Yield Differential vs. AAA Rating	Annual Cost Differential (\$200 million)	Total Cost Differential (Through Maturity)	PV at 4%	Annual Cost (\$2 billion)	Total Cost Differential (Through Maturity)	PV at 4% (\$200MM Issued Annually,10 Yrs)
AAA	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
AA+	0.10%	200,000	4,000,000	2,708,463	2,000,000	40,000,000	19,071,322
AA	0.20%	400,000	8,000,000	5,416,927	4,000,000	80,000,000	38,142,644
AA-	0.30%	600,000	12,000,000	8,125,390	6,000,000	120,000,000	57,213,966
A+	0.40%	800,000	16,000,000	10,833,853	8,000,000	160,000,000	76,285,288
Α	0.50%	1,000,000	20,000,000	13,542,316	10,000,000	200,000,000	95,356,610
A-	0.60%	1,200,000	24,000,000	16,250,780	12,000,000	240,000,000	114,427,932

Note: for demonstrative purposes only. Assumes 20-year average credit spreads as of November 2018. Each \$200 million issue assumed structured as a 20-year bullet maturity at par.



Rating Agency Viewpoint

Summary of Rating Agency Views							
Moody's Investors Service Standard & Poor's		Fitch Ratings					
Aa1 (Sr.) / Aa2 (Sub.) / P-1 (Short-term) Stable Outlook	AAA (Sr.) / AA+ (Sub.) / A-1+ (Short-term) Stable Outlook	AA+ (Sr.) / AA (Sub.) / F1+ (Short-term) Stable Outlook					
Strengths							
 Large service area bolstered by considerable wealth and institutional presence Excellent rate management record Liquidity is solid, and indenture requirements and board policies will protect the authority's cash position in the future Strong financial metrics because the utility has consistently raised rates to ensure good debt service coverage No unfunded pension or OPEB liability 	 Robust service area that includes highly rated entities in D.C., Maryland, and Virginia Strong financial management, including conservative financial forecasts and a detailed CIP Governing board's strong demonstrated willingness to adjust rates View that the management team remains committed to balancing environmental stewardship and a socially responsible agenda with ongoing financial commitments Liquidity and reserves that include high levels of unrestricted cash and investments and designated reserves for various contingencies 	 Essential service provider to a large and economically diverse territory with an affluent customer base Affordable user charges and demonstrated ability / willingness to raise rates, which is done independently of outside oversight Rate structure aligned towards greater fixed cost recovery Strong financial margins and healthy liquidity Projections include rate increases sufficient for stable debt service coverage metrics 					
Challenges							
 Heavy capital needs, in part from regulatory mandates Need for further rate increases to support substantial capital plan with falling consumption 	 Downward pressure could come from a precipitous collapse in financial performance, a change in the way the federal government pays the Authority, or prolonged interruption in operations 	 Near-term capital needs are substantial Rating stability depends on the ability and willingness to adjust and structure rates to maintain financial results in line with historical results and accommodate rising debt 					



Timeline for Days of Cash and Upgrades

Below is a timeline of DC Water's upgrades and changes in cash

Ratings Upgrade Date	Rating Agency	Cash Balance as of 9/30	RSF Balance as of 9/30	Days of Cash as of 9/30	Rating Before	Rating After
February 2016	Moody's	\$162.7M	\$51.5M	259	Aa	Aal
April 2016	S&P	\$162.7M	\$51.5M	259	AA+	AAA
September 2019	Fitch	\$186.8M	\$61.5M	287	AA	AA+

RSF balance was included in the year end cash balance