



**DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
Board of Directors**

Meeting of the
Environmental Quality and Operations Committee

*Thursday, July 16, 2020
9:30 a.m.*

Microsoft Teams Meeting
+1 202-753-6714
Conference ID: 843 142 08#

- | | | | |
|-----------|------|------------------------------|---------------------------------|
| 9:30 a.m. | I. | Call to Order | Adam Ortiz
Chair |
| | II. | Roll Call | Linda Manley
Board Secretary |
| 9:35 a.m. | III. | AWTP Status Update | Aklile Tesfaye |
| | | 1. BPAWTP Performance | |
| 9:45 a.m. | IV. | Water Operation Updates | Jason Hughes/Maureen Schmelling |
| | | 1. Water Quality | |
| | | 2. Fire Hydrants | |
| 9:55 a.m. | V. | Action Items | Joel Grosser/Len Benson |

Joint Use

1. Contract No.: 15-PR-DWT-21 – Supply and Delivery of Sodium Hypochlorite, Kuehne Chemical Co.
2. Contract No.: 16-PR-DFM-77 - Fire Protection Systems, BPFE International Inc.
3. Contract No.: 18-PR-DFS-28 - Small Construction and Renovations, ADP Group, Inc.; North Arrow Co.; Mid-Atlantic General Contractors
4. Contract No.: N/A - Planning, Construction, Operation and Maintenance of Long-Term Control Plan (LTCP) Facilities (Memorandum of Understanding Agreement), District of Columbia Department of Transportation (DDOT), Office of the Deputy Mayor for Planning and Economic Development, District Department of Consumer and Regulatory Affairs
5. Contract No.: N/A - South Capitol Street Corridor Phase 1 (Memorandum of Understanding Agreement), District of Columbia Department of Transportation (DDOT)
6. Contract No.: DCFA-507 Basic Ordering Agreement - Subsurface Utility Engineering (SUE) 1, Accurate Infrastructure Data, Inc.

Non-Joint Use

1. Contract No.: N/A - DDOT Water Projects 15 – Replacement of Water Mains – (Memorandum of Understanding Agreement), District of Columbia Department of Transportation (DDOT)
2. Contract No.: N/A - Replacement of Water Mains on New Jersey Avenue (Memorandum of Understanding Agreement), District of

10:25 a.m.	VI.	Wholesale Customer Communication	Len Benson
10:40 a.m.	VII.	Other Business / Emerging Issues	
10:45 a.m.	VIII.	Executive Session*	
10:50 a.m.	IX.	Adjournment	Adam Ortiz Chair

Follow-up Items from Prior Meetings:

1. *SVP, CIP Project Delivery: Include risks associated with a potential privatization of the Washington Aqueduct and its impact on rates as part of the Risks and Sensitivities analysis. [TBD]*
2. *VP, DC Clean Rivers: Schedule a tour of GI Sites [TBD]*

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); disciplinary matters under D.C. Official Code § 2-575(b)(9); 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 Act.



Wastewater Operations

Blue Plains Advanced Wastewater Treatment Plant

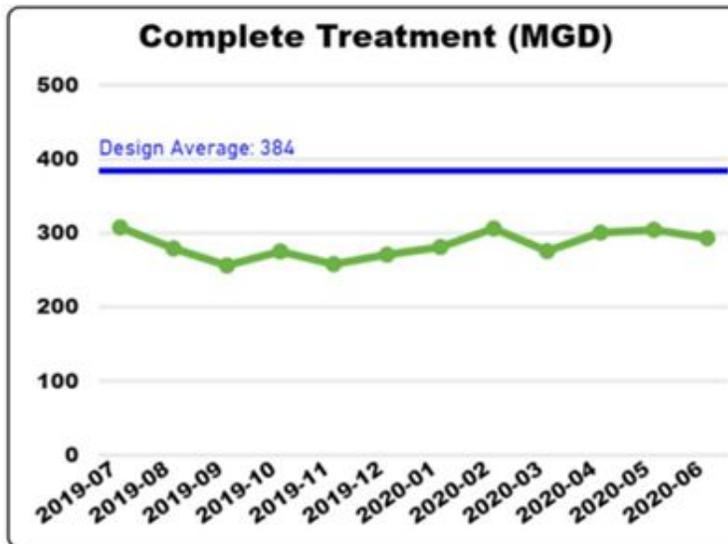
Accomplishments

Combined Heat and Power O&M Service Contract: Concluded the True-Up for Contract Years 2018 & 2019 for the O&M Service Contract with Constellation. The core element of the True-Up was compliance with Digester Gas Electrical Power Production Guarantee. The associated reimbursements to DC Water, due to missed electrical production, totaled \$867,000 for contract year 2018 and \$665,404 for contract year 2019.

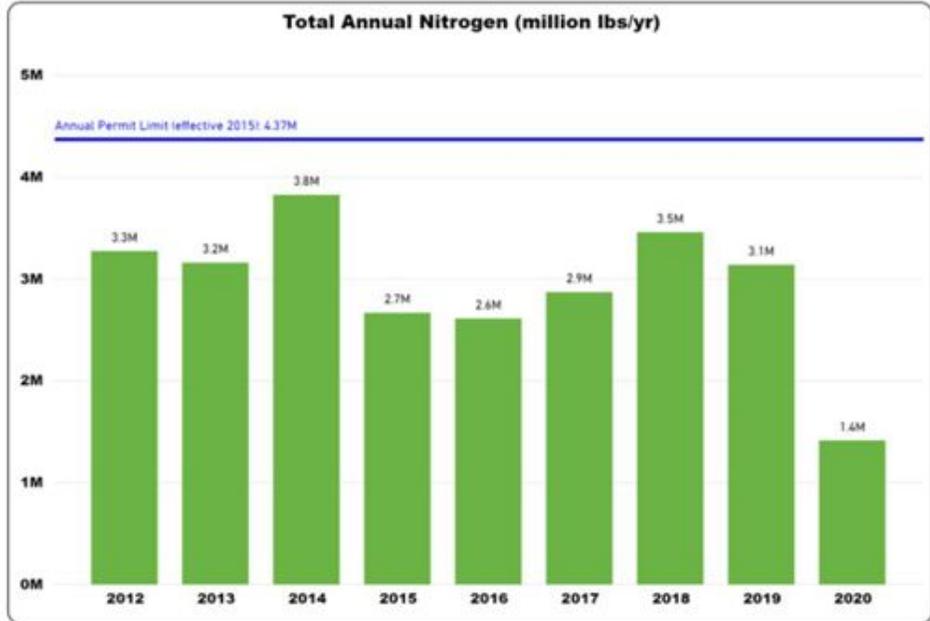
During the 2019 contract year the total net electricity generated was 55,914 Megawatt-Hours (MWH) or 21.8 percent of the 256,144 MWH used for the operation of the Blue Plains Advanced Wastewater Treatment Plant.

Operational Performance

Blue Plains Complete Treatment Performance: The plant performance for the month of June 2020 was excellent with all effluent parameters well below the seven-day and monthly NPDES permit requirements. The monthly average flow through complete treatment (Outfall 002) was 293 MGD. The volume of captured combined flow treated through the Wet Weather Treatment Facility (WWTF) and directed to Outfall 001 was 28 million gallons (MG)



Total Nitrogen (TN) Removal Performance: The graph below shows total annual nitrogen discharge, in million pounds per year, over a 9-year period ending in June 2020. In June 2020, the monthly average TN concentration and total load in the complete treatment effluent were 3.15 mg/L and 234,536 lbs., respectively. The total pounds of nitrogen discharged in the complete treatment effluent during the current calendar year is 1,414,860 lbs. and on track to remain below the NPDES permit discharge limit of 4,377,580 lbs. /year.



Wet Weather Treatment Facility (WWTF) Performance: In June 2020, a total of 205 million gallons (MG) of combined wet weather flows, captured in the tunnel system, were treated through the WWTF. There were no measured overflows. The treated discharge of captured combined flows to the wet weather treatment outfall (Outfall 001) was 28 MG.

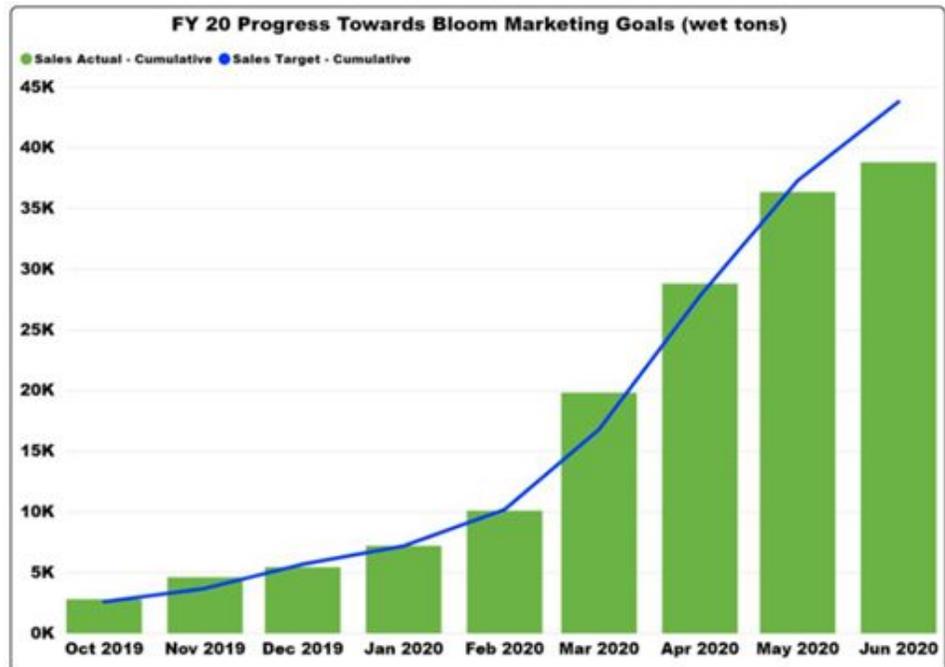
	June 2020	Calendar Year 2020 (Through June)
Total Precipitation, inches (DCA gauge)	2.5	19.6
Total Volume Captured in the Anacostia Tunnel, MG	205	1042
Measured Overflow, MG*	0	127
Percent Captured**	100%	89%

*Overflow from CSOs associated with the existing Anacostia River Tunnel System

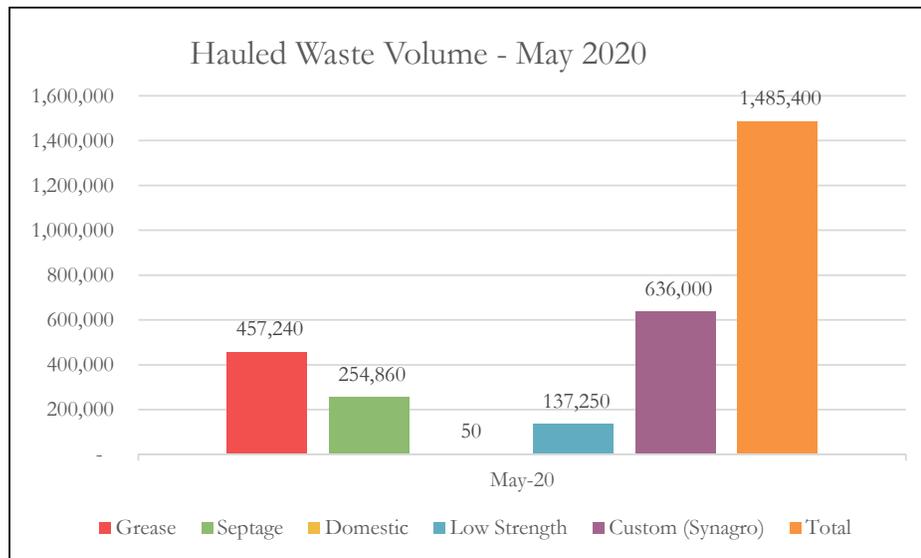
**Expected Capture ~80%

Class A Biosolids Quality: In June, biosolids hauling averaged 326 wet tons per day (wtpd). All biosolids produced during the month met Class A Exceptional Quality (EQ) requirements required by EPA. Fecal Coliform values on daily process monitoring samples remained below the 1,000 MPN/gram required for Class A biosolids - consistent with the low levels measured historically

Bloom Marketing: During the month, a total of 2,451 tons of bloom was marketed. The total tons marketed during the fiscal year (through the end of June 2020) is 38,821 wet tons or 65% of the 60,000 tons goal.



Hauled Waste Program: In May the plant received 594 loads or 1,485,400 gallons of hauled waste. DC Water allows businesses and government agencies with a permit to discharge domestic (i.e., residential-type) septage, grease trap waste, uncontaminated non-wastewater flows, and other nonhazardous waste (allowed on a case-by-case basis) at the Blue Plains Advanced Wastewater Treatment Plant (AWTP). It is illegal to discharge hauled waste directly to the District's wastewater system anywhere else within the District of Columbia.



Pretreatment Permit: Issued six new Temporary Discharge Authorization permits and renewed four Waste Hauler permits.

Progress Report

This should capture your department's active and upcoming projects that relate to the Department's or Authority's overall objectives. These items can include completed projects and initiatives or progress towards completing those initiatives.

COVID19 Pandemic O&M Recovery Plan: The Recovery Plan was discussed with Employee Union Representatives. The plan includes flexible phase-based schedules to return to full operations with enhanced controls to effect social distancing and maintain employee's health and safety. Implementation of the Recovery Plan at Blue Plains will resume beginning mid-July.

Status Report for EPA Drinking Water Regulated Monitoring – July 2020

Total Coliform Rule (TCR)

DC Water collected 252 samples in June and 3 (1.2%) were positive for coliform.

Note: The federal regulatory trigger for further system evaluation is 5 percent positive for each month.

Lead and Copper Rule (LCR)

DC Water distributed 177 sample kits to customers in January through June 2020 of which 107 were valid. Tables 1 shows those lead results. Table 2 describes the locations with lead results greater than 15 ppb.

Please note, DC Water delayed the March sample kit distribution due to the COVID19 concerns. We will collect the remaining samples in May and June.

Table 1. LCR Lead Sampling Data

	1 st Semester 2020	
	1st Draw	2nd Draw
90th Percentile, ppb	1.8	3.3
Number of samples	107	104
Number of Samples > 15 ppb	3	2

Table 2. Homes with Lead Results Greater than 15 ppb

Home	Pipe Material	Lead (ppb)		Iron (ppb)	
		1st Draw	2nd Draw	1st Draw	2nd Draw
4011 13th St NW	Lead and galvanized piping observed inside home by DC Water	16.1	4.8	32.4	18.8
2325 Wyoming Ave NW	Customer replaced a private portion of the lead service line two weeks prior to taking samples	16.6	9.6	82.6	110
1408 Decatur St NW	Lead pipe at POE	8.0	106	21.2	21.7
1649 HARVARD ST NW	Lead pipe by historical records	1.8	18	31.8	404
4703 Macarthur Blvd NW	Lead pipe by historical records and galvanized iron pipe observed inside home	17.3	74	1.9	0

Status Report of Public Fire Hydrants for DC Water Services Committee - July 6, 2020

	April Cmte. Report (April 06, 2020)	May Cmte. Report (May 05, 2020)	June Cmte. Report (June 02, 2020)	July Cmte. Report July 06, 2020
Public Fire Hydrants:	9,700	9,697	9,711	9,496
In Service:	9,629	9,648	9,653	9,441
Marked Out-of-Service (OOS)	71	49	58	55
OOS - defective requiring repair/replacement	48	28	36	32
% OOS requiring repair or replacement (DC Water goal is 1% or less OOS)	0.49%	0.29%	0.37%	0.34%
OOS - due to inaccessibility or temp construction work	23	21	22	23

Note: The number of public hydrants in the DC Water system fluctuates; this number fluctuates as hydrants are added and removed during development or construction activities as well as at the request of the Fire Dept.

Breakdown of Public Fire Hydrants Out-of-Service (OOS) as of July 6, 2020 55

Breakdown of Defective

	0-7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-120 Days	> 120 Days	Total
Hydrant Needs Repair/Investigation	2	1	0	0	0	0	3	6
Needs Valve Investigation for Low Flow/Pressure or Shut Test for Replacement	0	0	0	0	0	1	9	10
Needs Replacement	0	0	1	2	0	1	12	16
Defective								32

Breakdown of Others

	0-7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-120 Days	> 120 Days	Total
Temporarily OOS as part of operations such as a main repair	0	0	1	0	0	0	17	18
Construction* - OOS	0	0	0	1	0	0	1	2
Obstructed Hydrant – OOS hydrant due to operation impeded by an obstruction.	0	0	0	0	0	0	3	3
Others								23

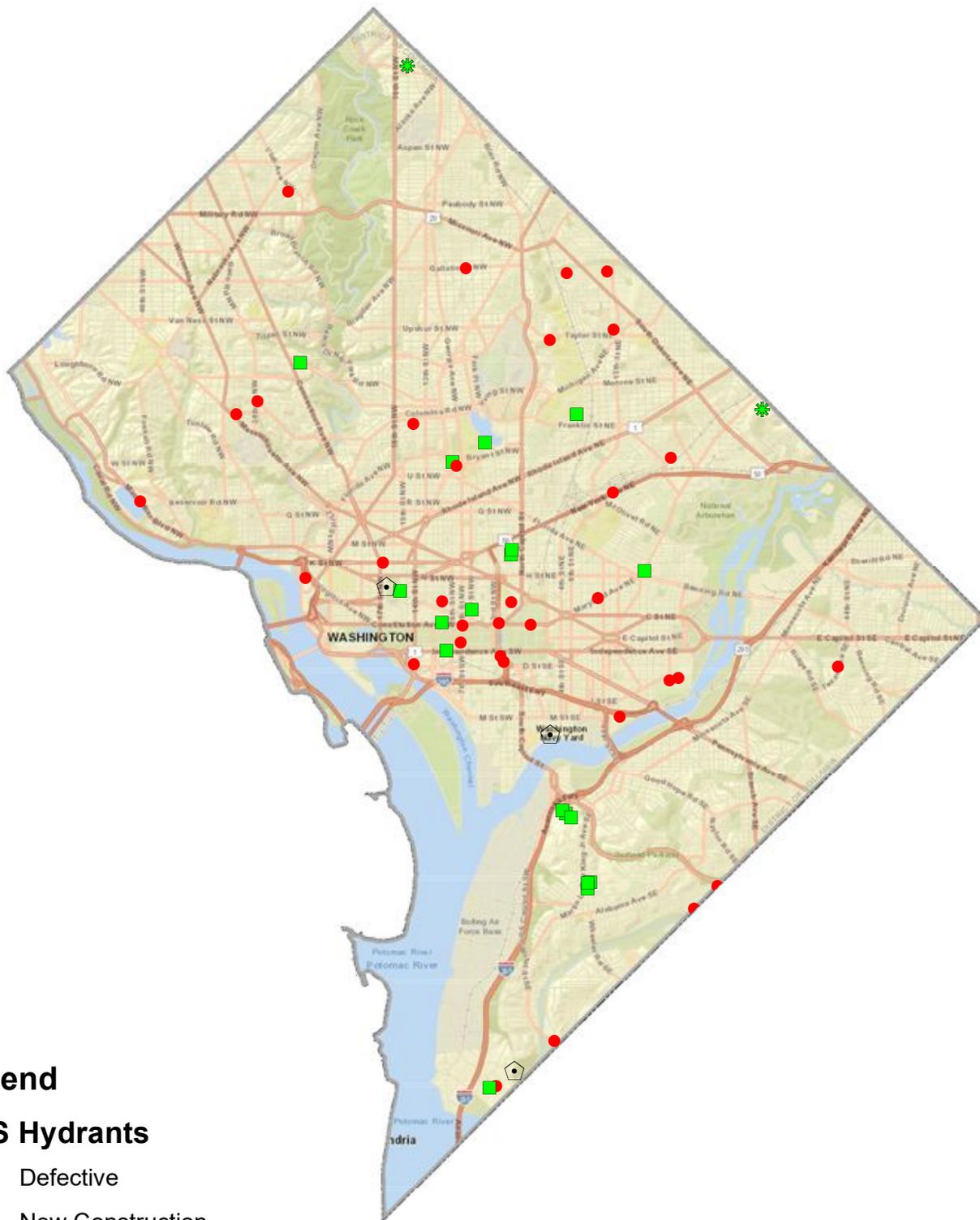
*Fire hydrants not accessible due to construction activities. Also includes new hydrants which have not yet been commissioned or old hydrants which will be abandoned as part of ongoing construction projects.

Status of Private Fire Hydrants-Based on FEMS Inspection Reporting

Private Hydrants:	1,296
• In Service:	1,156
• Out-of-Service (OOS):	140

Map of Public Out-of-Service Hydrants

July 06, 2020



Legend

OOS Hydrants

- Defective
- * New Construction
- ⬠ Obstructed
- Temporary

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

**Supply and Delivery of Sodium Hypochlorite
(Joint Use)**

This contract action is to exercise option year 5 in the amount of \$3,500,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: Kuehne Chemical Co. Inc. 86 N. Hackensack Ave. S. Kearny, NJ 07032	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$3,656,900.00
Original Contract Dates:	10-16-2015 – 10-15-2016
No. of Option Years in Contract:	4
Option Year 1 Value:	\$3,804,300.00
Option Year 1 Dates:	10-16-2016 – 10-15-2017
Option Year 2 Value:	\$3,300,000.00
Option Year 2 Dates:	10-16-2017 – 10-15-2018
Option Year 3 Value:	\$3,600,000.00
Option Year 3 Dates:	10-16-2018 – 10-15-2019
Option Year 3 Modification Value:	\$200,000.00
Option Year 3 Modification Dates:	08-01-2019 – 10-15-2019
Option Year 4 Value:	\$3,720,000.00
Option Year 4 Dates:	10-16-2019 – 09-30-2020
Option Year 5 Value:	\$3,500,000.00
Option Year 5 Dates:	10-01-2020 – 09-30-2021

Purpose of the Contract:

To supply and deliver sodium hypochlorite. The sodium hypochlorite is used as disinfection and odor control.

Contract Scope:

DC Water has an on-going need for sodium hypochlorite. At the Blue Plains Advanced Wastewater Treatment Facility, it is primarily used for outfall disinfection, but also to control biological growth on multimedia filters, and for odor control in the scrubbers.

This is the last option year for the contract, DC Water will initiate new sodium hypochlorite solicitation to replace the current contract.

Spending Previous Year:

Cumulative Contract Value:	10-16-2015 to 09-30-2020: \$18,281,200.00
Cumulative Contract Spending:	10-16-2015 to 06-23-2020: \$16,973,866.00

Contractor's Past Performance:

According to the COTR, the Contractor's quality of products and services, timeliness of deliverables; conformance to DC Water's policies, procedures and contract terms; and invoicing, all meet expectations and requirements.

No LSB/LSBE participation

PROCUREMENT INFORMATION

Contract Type:	Goods and Services	Award Based On:	Lowest Bid
Commodity:	Chemical	Contract Number:	15-PR-DWT-21
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	Department:	Wastewater Treatment
Project Area:	Blue Plains AWTP	Department Head:	Aklile Tesfaye

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	43.44%	\$1,520,400.00
Washington Suburban Sanitary Commission	41.95%	\$1,468,250.00
Fairfax County	9.79%	\$342,650.00
Loudoun Water	4.23%	\$148,050.00
Other (PI)	0.59%	\$20,650.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$3,500,000.00

 / 6-29-2020
 Aklile Tesfaye Date
 VP of Wastewater Operations

_____/_____
 Dan Bae Date
 VP of Procurement and Compliance

_____/_____
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

_____/_____
 David L. Gadis Date
 CEO and General Manager

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

**Fire Protection Systems
(Joint Use)**

This contract action is to exercise option year 4 in the amount of \$600,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME: BFPE International Inc. 7512 Connelly Dr. Hanover, MD 21076	SUBS: N/A	PARTICIPATION: N/A
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DESCRIPTION AND PURPOSE

Original Contract Value:	\$199,600.00
Original Contract Date:	10-12-2016 – 10-11-2017
Number of Option Years:	4
Option Year 1 value:	\$199,600.00
Option Year 1 Dates:	10-12-2017 – 10-11-2018
Option Year 2 Value:	\$688,384.00
Option Year 2 Dates:	10-12-2018 – 10-11-2019
Option Year 3 Value:	\$201,000.00
Option Year 3 Dates:	10-12-2019 – 10-11-2020
Modification Value:	\$606,926.45
Modification Dates:	07-01-2018 – 10-11-2020
Option Year 4 Value:	\$600,000.00
Option Year 4 Dates:	10-12-2020 – 10-11-2021

Purpose of the Contract:

DC Water requires a qualified contractor to furnish all labor, materials, equipment and tools to maintain and service the Fire Protection Service.

Contract Scope:

To provide preventative and operational maintenance for the fire protection system, including routine preventative maintenance and repairs of all fire protection systems.

Contract Modification Scope:

New Capital equipment: Upgrades to fire suppression systems in the Blue Plains Chemical Buildings. The amount for this onetime capital cost is \$ 300,000.00.

Spending Previous Year:

Cumulative Contract Value:	10-16-2015 to 10-11-2020: \$1,895,960.45
Cumulative Contract Spending:	10-16-2015 to 06-01-2020: \$1,423,438.45

Contractor's Past Performance:

According to the COTR, the Contractor's quality of products and services, timeliness of deliverables; conformance to DC Water's policies, procedures and contract terms; and invoicing, all meet expectations and requirements.

No LSB/LSBE participation

PROCUREMENT INFORMATION

Contract Type:	Good and Services	Award Based On:	Highest Ratings
Commodity:	Security	Contract Number:	16-PR-DFM-77
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Operating	Department:	Security
Project Area:	DC Water Wide	Department Head:	Ivelisse Cassas

ESTIMATED USER SHARE INFORMATION

User - Operating	Share %	Dollar Amount
District of Columbia	43.44%	\$130,320.00
Washington Suburban Sanitary Commission	41.95%	\$125,850.00
Fairfax County	9.79%	\$29,370.00
Loudoun Water	4.23%	\$12,690.00
Other (PI)	0.59%	\$1,770.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$300,000.00

BUDGET INFORMATION

Funding:	Capital Equipment	Department:	Security
Project Area:	DC Water Wide	Department Head:	Ivelisse Cassas

ESTIMATED USER SHARE INFORMATION

User – Capital Equipment (EQP 320101 & 320094)	Share %	Dollar Amount
District of Columbia	45.81%	\$137,430.00
Washington Suburban Sanitary Commission	39.52%	\$118,560.00
Fairfax County	9.51%	\$28,530.00
Loudoun Water	4.36%	\$13,080.00
Other (PI)	0.80%	\$2,400.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$300,000.00

 / 07/13/2020
 Maureen Holman Date
 EVP of Administration

_____/_____
 Dan Bae Date
 VP of Procurement and Compliance

_____/_____
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

_____/_____
 David L. Gadis Date
 CEO and General Manager

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

GOODS AND SERVICES CONTRACT OPTION YEAR

**Small Construction and Renovations
(Joint Use)**

Approval to exercise Option Year 2 for Small Construction and Renovations for the Department of Facilities in a not to exceed amount of \$1,400,000.00.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
ADP Group, Inc.* Washington, DC 20019	N/A	100%
North Arrow, Co.* Washington, DC 20002	N/A	100%
Mid-Atlantic General Contractors* Beltsville, MDM 20705	N/A	100%
*LSBE		

DESCRIPTION AND PURPOSE

Base Contract Value:	\$1,202,307.79
Base Contract Dates:	07-13-2018– 07-12-2019
No. of Option Years in Contract:	2
Option Year 1 Value:	\$1,955,000.00
Option Year 1 Dates:	07-13-2019 -- 9-30-2020
This Option Year 2 Value:	\$1,400,000.00
This Option Year 2 Dates:	10-01-2020 – 09-30-2021

Purpose of the Contract:

DC Water needs the services of qualified general contractors, licensed in the Washington DC Metropolitan area to provide general construction work for roof, carpentry, partition installation & removal, dry wall systems plumbing, cast and place concrete, HVAC, electrical applications, demolition as applicable to the project, painting, fall protection, ceiling & floor tiles and any other services related to small construction, as well as renovations that arise within the Authority.

ADP Group, Inc., North Arrow Co. and Mid-Atlantic General Contractors, were awarded separate IDIQ contracts to provide general small construction and renovation projects.

Contract Modification:

For the Option Year 2, the following projects are identified with available budget in the amount of \$1,400,000.00.

- CMF Reno/Shops and Warehouse Supply Building 1 (SB1)
- CMF Mezzanine Atrium Outside Flashing Installation
- HQO Flag Poles Installation
- HQO Elevated Crosswalk Design & Construction
- CMF Supply Building 1 (SB1) Warehouse Hazardous Materials Survey
- Main Pumping Station O St – Lead Removal and Painting in Basement and Machine Shop
- Main Pumping Station O St Windows Painting & Window to Cover Door
- DSLF Roof Replacement

Spending Previous Years:

Cumulative Contract Value: 07-13-2018 to 09-30-2020: \$3,157,307.79

Cumulative Contract Spending: 07-13-2018 to 07-06-2020: \$2,157,054.41

Contractor's Past Performance:

According to the COTR, the Contractor's quality of products and services, timeliness of deliverables; conformance to DC Water's policies, procedures and contract terms; and invoicing all meet expectations and requirements.

PROCUREMENT INFORMATION

Contract Type:	Indefinite Delivery/ Indefinite Quantity (IDIQ) Contract	Award Based On:	Highest Ratings
Commodity:	Small Construction & Renovation	Contract Number:	18-PR-DFS-28 A, B, C
Contractor Market:	Open Market with Preference Points for LBE and LSBE Participation		

BUDGET INFORMATION

Funding:	Capital Projects, Capital Equipment, Operating	Department:	Facilities
Project Area:	LS (Capital)	Department Head:	Brent Christ

ESTIMATED USER SHARE INFORMATION

Joint-Use Direct (Capital Projects)	Share %	Dollar Amount
District of Columbia	41.22%	\$147,567.60
Washington Suburban Sanitary Commission	45.84%	\$164,107.20
Fairfax County	8.38%	\$30,000.40
Loudoun Water	3.73%	\$13,353.40
Potomac Interceptor	0.83%	\$2,971.40
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$358,000.00

Joint-Use Direct (Capital Equipment)	Share %	Dollar Amount
District of Columbia	45.81%	\$413,206.20
Washington Suburban Sanitary Commission	39.52%	\$356,470.40
Fairfax County	9.51%	\$85,780.20
Loudoun Water	4.36%	\$39,327.20
Potomac Interceptor	0.80%	\$7,216.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$902,000.00

Joint-Use Indirect (Operating)	Share %	Dollar Amount
District of Columbia	68.96%	\$96,544.00
Washington Suburban Sanitary Commission	23.02%	\$32,228.00
Fairfax County	5.37%	\$7,518.00
Loudoun Water	2.32%	\$3,248.00
Potomac Interceptor	0.32%	\$462.00
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$140,000.00

Total Cost Allocation	Share %	Dollar Amount
District of Columbia	46.95%	\$657,317.80
Washington Suburban Sanitary Commission	39.49%	\$552,805.60
Fairfax County	8.81%	\$123,298.60
Loudoun Water	3.99%	\$55,928.60
Potomac Interceptor	0.76%	\$10,649.40
TOTAL ESTIMATED DOLLAR AMOUNT	100.00%	\$1,400,000.00

 / 07/13/20
 Maureen Holman Date
 EVP of Administrative Services

_____ / _____
 Dan Bae Date
 VP of Procurement and Compliance

_____ / _____
 Matthew T. Brown Date
 CFO and EVP of Finance and Procurement

_____ / _____
 David L. Gadis Date
 CEO and General Manager

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS FACT SHEET**

ACTION REQUESTED

MEMORANDUM OF UNDERSTANDING AGREEMENT:

**Planning, Construction, Operation and Maintenance of Long-Term Control Plan
(LTCP) Facilities
(Joint Use)**

Approval to execute the Memorandum of Understanding (MOU) between District of Columbia Department of Transportation (DDOT), District Department of Consumer and Regulatory Affairs, the Office of the Deputy Mayor for Planning & Economic Development and DC Water for \$4,200,000.00. The modification exceeds the General Manager's approval authority.

PARTY INFORMATION

PARTY:	SUBS:	PARTICIPATION:
District of Columbia Department of Transportation 55 M Street SE Washington, DC 20003 District Department of Consumer and Regulatory Affairs 1100 4th Street SW Washington, DC 20024 Office of the Deputy Mayor for Planning and Economic Development 1350 Pennsylvania Avenue, NW Washington, DC 20004	Not Applicable	Not Applicable

DESCRIPTION AND PURPOSE

MOU Value FY2021 to FY2031, Not-To-Exceed: \$4,200,000.00
 MOU Time: 3,743 Days (10 Years, 3 Months)
 Actual MOU Start Date: 10-01-2020
 Anticipated MOU Completion Date: 12-31-2030

Purpose of the MOU:

To provide for authorization of LTCP facilities on District property, granting of easements and expediting District permits to allow construction. This work is required by a Consent Decree.

MOU Scope:

- Ongoing, from FY2021 to FY2031, the MOU specifies timelines for DDOT and DCRA to issue permits authorizing construction. The MOU also provides for DC Water payments to DDOT for Third Party Reviews to expedite permits. Definitive timelines and expediting of permits are required to meet aggressive deadlines in Consent Decree. Estimated costs for FY2021 to FY2030 are \$4,200,000.00.
- Previously, from FY2013 to FY2020, the MOU provided for DC Water payments to DMPED for easements for the Anacostia River Tunnel and to DDOT for Third Party Reviews to expedite permits (more than 1,400 permits since 2016, more than 2,500 permits since inception) for the entire program. Total costs FY2013 to FY2020 have been \$7,489,053.66.

Federal Grant Status:

- Work under this MOU is not eligible for Federal grant funding assistance.

AGREEMENT INFORMATION

Contract Type:	MOU	Award Based On:	N/A
Commodity:	Construction	Contract Number:	N/A

BUDGET INFORMATION

Funding:	Capital	Department:	Clean Rivers
Service Area:	Combined Sewer	Department Head:	Carlton Ray
Project:	CY		

ESTIMATED USER SHARE INFORMATION

User	Share %	Dollar Amount
District of Columbia	94.91%	\$ 3,986,220.00
Federal Funds	0.00%	\$ 0.00
Washington Suburban Sanitary Commission	3.97%	\$ 166,740.00
Fairfax County	0.71%	\$ 29,820.00
Loudoun County	0.33%	\$ 13,860.00
Potomac Interceptor	0.08%	\$ 3,360.00
Total Estimated Dollar Amount	100.00%	\$ 4,200,000.00

_____/_____
 Leonard R. Benson, SVP Date
 CIP Project Delivery

_____/_____
 Dan Bae, VP Date
 Procurement & Compliance

_____/_____
 Matthew T. Brown Date
 CFO and EVP
 Finance & Procurement

_____/_____
 David L. Gadis Date
 CEO & General Manager

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS FACT SHEET**

ACTION REQUESTED

MEMORANDUM OF UNDERSTANDING AGREEMENT:

**South Capitol Street Corridor Phase 1
(Joint Use)**

Approval to execute the Memorandum of Understanding (MOU) between District of Columbia Department of Transportation (DDOT) and DC Water for \$1,975,000. The modification exceeds the General Manager's approval authority.

PARTY INFORMATION

PARTY:	SUBS:	PARTICIPATION:
District of Columbia Department of Transportation 55 M Street SE Washington, DC 20003	MBE and WBE fair share objectives will follow DDOT goals.	

DESCRIPTION AND PURPOSE

MOU Value, Not-To-Exceed: \$1,975,000.00
 MOU Time: 2,631 Days (7 Years, 2 Months)
 Actual MOU Start Date: 10-17-2016*
 Anticipated MOU Completion Date: 12-31-2023

*In accordance with past practices, this MOU had proceeded prior to June 2020 determination by DC Water Legal Affairs that Board approval is required for each commitment made under the DCW-DDOT 2002 MOA for construction services with project costs of \$1 Million or greater.

Purpose of the MOU:

To provide for installation of new water mains and sanitary sewers, as well as construction of protection slabs for DC Water's existing infrastructure as part of DDOT's South Capitol Street Corridor Phase 1 project.

MOU Scope:

- DDOT prepared design plans to include installation of water mains, relocation of sewer mains and protection of existing assets within the project footprint.
- DDOT competitively bid the project and awarded a contract to South Capitol Bridge Builders to construct the water mains, protection slabs and relocation of sewer mains
- The scope of the agreement provides for bidding and constructing of water mains, protection slabs and relocation of sewer mains and compensation by DC Water for actual work constructed
- The DDOT project will install water and sanitary sewer mains within the South Capitol Street Corridor Phase 1 project limits that will include
 - Installation of 4 to 30-inch water mains and appurtenances
 - Installation of 12-inch sanitary sewer
 - Installation of 108-inch Force Main Protection-In-Place Slab
 - Installation of 96-inch Twin Outfall Sewers Protection-In-Place Slab
 - Abandonment of 96-inch Anacostia Force Main Gravity Sewer (AFMGS) siphon vent stacks

Federal Grant Status:

- Work under this MOU is not eligible for Federal grant funding assistance.

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS CONTRACTOR FACT SHEET**

ACTION REQUESTED

ENGINEERING SERVICES:

**Basic Ordering Agreement - Subsurface Utility Engineering (SUE) 1
(Joint Use)**

Approval to execute an architectural and engineering services contract for \$2,000,000.

CONTRACTOR/SUB/VENDOR INFORMATION

PRIME:	SUBS:	PARTICIPATION:
Accurate Infrastructure Data, Inc. 1123 Hanzlik Avenue Baltimore, MD 21237-2956	CV, Inc. Clarksburg, MD MBE Precision Measurements, Inc. Glen Allen, VA WBE	30.0% 5.0%

DESCRIPTION AND PURPOSE

Contract Value, Not-To-Exceed: \$2,000,000.00
 Contract Time: 1,095 Days (3 Years, 0 Months)
 Anticipated Contract Start Date: 11-02-2020
 Anticipated Contract Completion Date: 10-30-2023

Other firms submitting proposals/qualification statements:

Accumark Inc.	JMT	Weston and Sampson
AMT*	KCI*	
EBA	SAM	
Infra Map Corp	T2	

* Asterisk indicates shortlisted firms.

Purpose of the Contract:

The Consultant shall perform Subsurface Utility Engineering services for various Water Main Renewal and Sanitary Sewer rehabilitation projects located throughout the District of Columbia.

Contract Scope:

- For each individual Task Order the Consultant shall perform Subsurface Utility Engineering activities consistent with the most current American Society of Civil Engineers (ASCE) Standard 38 (currently ASCE/CI 38-02 Standard Guidelines for the Collection and Depiction of Existing Subsurface Utility Data)
- Deliverables will consist of Utility Drawings and a Utility Report
- The digital mapping files and/or test hole plans will be generated in AutoCAD Civil 3D conforming to DC Water’s CAD Manual
- The Utility Report will provide important information that enables DC Water to better understand the subsurface utility landscape and related risks relevant to the design task
- The mapping and analysis of subsurface utilities and excavation and documentation of test hole results will be based on the Quality Levels (QL) B and A, respectively, per ASCE 38-02
- The deliverable will also include the list of utility providers identified through the District One-Call system as part of a comprehensive table of utility providers from whom records were requested and their responses

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS FACT SHEET**

ACTION REQUESTED

**MEMORANDUM OF UNDERSTANDING AGREEMENT:
DDOT Water Projects 15 – Replacement of Water Mains
(Non-Joint Use)**

Approval to execute the Memorandum of Understanding Agreement (MOU) between District of Columbia Department of Transportation (DDOT) and DC Water for \$4,691,655. The modification exceeds the General Manager’s approval authority.

PARTY INFORMATION

PARTY:	SUBS:	PARTICIPATION:
District of Columbia Department of Transportation 55 M Street SE Washington, DC 200003	MBE and WBE fair share objectives will follow DDOT goals.	

DESCRIPTION AND PURPOSE

MOU Value, Not-To-Exceed: \$4,691,655.00
 MOU Time: 809 Days (2 Years, 2 Months)
 MOU Start Date: 10-04-2019*
 MOU Completion Date: 12-21-2021

*In accordance with past practices, this MOU had proceeded prior to June 2020 determination by DC Water Legal Affairs that Board approval is required for each commitment made under the DCW-DDOT 2002 MOA for construction services with project costs of \$1 Million or greater.

Purpose of the MOU:

To provide construction of Replacement of Water Mains and Rehabilitation of Sewer Main on Oregon Ave, NW from Military Road to Western Ave, NW by DDOT as part of DDOT’s Oregon Ave Reconstruction Project.

MOU Scope:

- DC Water prepared design plans to include replacement of water mains and rehabilitation of sewer mains
- DDOT competitively bid the project and awarded a contract to Capitol Paving to construct the water main replacements and rehabilitation of sewer mains
- The scope of the agreement provides for bidding and replacement of water mains and rehabilitation of sewer mains and compensation by DC Water for actual work constructed
- The DDOT project will replace about 2,290 linear feet of 6-16-inch water mains and 1,710 linear feet of 1-inch or less water service pipes. In addition, it will re-align at least 390 linear feet of 16-inch and 21-inch sewer mains and manholes. Scope includes installation of valves and moving of hydrants

Federal Grant Status:

- Work under this MOU is not eligible for Federal grant funding assistance

**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
BOARD OF DIRECTORS FACT SHEET**

ACTION REQUESTED

**MEMORANDUM OF UNDERSTANDING AGREEMENT:
Replacement of Water Mains on New Jersey Ave, NW
(Non-Joint Use)**

Approval to execute the Memorandum of Understanding Agreement (MOU) between District of Columbia Department of Transportation (DDOT) and DC Water for \$\$1,090,895.75. The modification exceeds the General Manager’s approval authority.

PARTY INFORMATION

PARTY:	SUBS:	PARTICIPATION:
District of Columbia Department of Transportation 55 M Street SE Washington, DC 200003	MBE and WBE fair share objectives will follow DDOT goals.	

DESCRIPTION AND PURPOSE

MOU Value, Not-To-Exceed:	\$1,090,895.75
MOU Time:	621 Days (1 Years, 9 Months)
Anticipated MOU Start Date:	05-01-2019*
Anticipated MOU Completion Date:	01-31-2021

*In accordance with past practices, this MOU had proceeded prior to June 2020 determination by DC Water Legal Affairs that Board approval is required for each commitment made under the DCW-DDOT 2002 MOA for construction services with project costs of \$1 Million or greater.

Purpose of the MOU:

To provide for replacement of water mains by DDOT as part of DDOT’s Roadway Improvements along New Jersey Avenue NW Project.

MOU Scope:

- DC Water prepared design plans to include Replacement of Water Mains along New Jersey Ave, NW in DDOT’s Roadway Improvements along New Jersey Avenue NW Project
- DDOT competitively bid the project and awarded a contract to Capitol Paving to construct the improvements
- The scope of the agreement provides for bidding and Replacement of Water Mains, and compensation by DC Water for actual work constructed
- The Replacement of Water Mains will replace about 2,025-linear feet of 6-inch to 12-inch water mains, 900-linear feet water service pipes, and installation of valves, fire hydrants and water meters.

Federal Grant Status:

- Work under this MOU is not eligible for Federal grant funding assistance



DC Water and Washington Suburban Sanitary Commission: Relationships and Communications

Presentation to the Environmental Quality and Operations Committee, July 16, 2020

District of Columbia Water and Sewer Authority

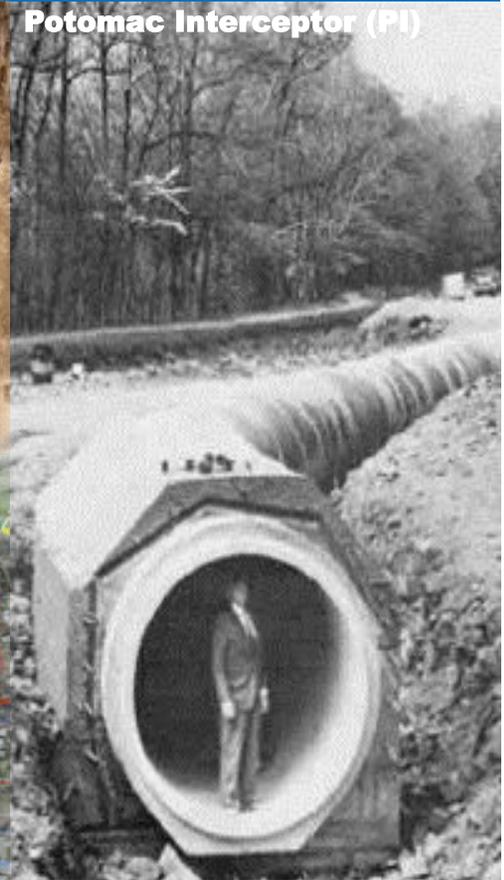
BLUE PLAINS ADVANCED WWTP



Anacostia Force Main (AFM)



Potomac Interceptor (PI)



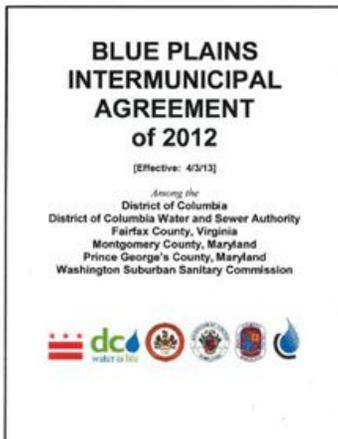


The Basis of The Relationships between DC Water and Washington Suburban Sanitary Commission is expressly set forth in the 2012 Intermunicipal Agreement (IMA)

FROM THE 2012 IMA PREAMBLE:

NOW, THEREFORE, the undersigned parties agreed that

- This Blue Plains Intermunicipal Agreement of 2012 (this IMA) is entered into for the purpose of:



- Allocating the wastewater treatment capacity of Blue Plains and other associated Facilities and related peak flows for the collection system
- Equitably allocating the Capital Costs of wastewater treatment and biosolids management
- Equitably allocating O&M Costs
- Defining the responsibilities of pretreatment and operational requirements and biosolids management
- Defining the process of making future wastewater capacity planning decisions, including addressing load allocations
- Providing a mechanism for continuing coordination, cooperation and communication
- Providing environmental stewardship.

Purpose of the 2012 IMA



2012 Blue Plains Intermunicipal Agreement (2012 IMA) – Committees & Communications

Leadership Committee



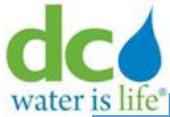
Regional Committee



Subcommittees & Work Groups

**2012 IMA
Committees**

- Technical Subcommittee
- Legal Work Group
- Financial Work Group
- Blue Plains Service Area (BPSA) Pretreatment Work Group
- Blue Plains Biosolids Management Work Group
- BPSA Billing Meters Work Group



2012 Blue Plains Intermunicipal Agreement (2012 IMA) – Committees & Communications

- Described in IMA Section 2: Governance and other IMA Sections
- Members are CAOs / GMs representatives of the 6 IMA Parties
- Oversees implementation of the IMA
- Convenes at least annually to receive briefings, approve new joint use facility cost shares, resolve issues, etc.
- Ensures Parties' and Non-Party Users' financial commitments are met
- Current members:
 - District of Columbia – Rashad Young
 - DC Water – David Gadis
 - Fairfax County – Bryan Hill
 - Montgomery County – Andrew Kleine
 - Prince George's County – Major Riddick
 - WSSC Water – Carla A. Reid

Leadership Committee



2012 Blue Plains Intermunicipal Agreement (2012 IMA) – Committees & Communications

- Described in IMA Section 2: Governance and in By-laws and Procedures
- 2 members appointed by Leadership Committee representative
- Meets at least quarterly (March, June, September, & December)
- Create standing and ad hoc subcommittees / work groups
- Current members
 - DC Water – Len Benson, Aklile Tesfaye
 - District of Columbia – Ariel Giles, Ayana Rockett
 - Fairfax County – Shahram Mohsenin, Stacey Smalls
 - Montgomery County – Steven Shofar, Nasser Kamazani
 - Prince George’s County – Lavinia Baxter, Jerry Maldonado
 - WSSC Water – Tom Hilton, J.C. Langley

Regional Committee



2012 Blue Plains Intermunicipal Agreement (2012 IMA) – Committees & Communications

- Identified in By-laws and Procedures
- Meets eight times per year in months without Regional Committee meetings (January, February, April, May, July, August, October, November)
- Regular members from Operating Agencies
 - DC Water – Nicholas Passarelli (chair), Srinivasa Gadiparthi
 - Fairfax County – Shahram Mohsenin, William Barrack, Shwan Fatah
 - WSSC Water – Joel Caudill, Kimberley Six, Carol Mojica
 - COG Staff

Technical Subcommittee



2012 Blue Plains Intermunicipal Agreement (2012 IMA) – Committees & Communications

Agreement between Metropolitan Washington Council of Governments (MWCOG) and the six IMA Parties

- MWCOG provides support for implementation of the IMA
- Secretariat Support – meetings, document preparation, recordkeeping, support to Parties, committees, and work groups
- Technical and Policy Support – example activities include: BPSA Flow Forecast Model, BPSA Long-Term Planning Study, Jointly Managed Studies, BP Biosolids Management support and research, Bay TMDL/ water quality issues, legal support, and project and contract management
- Annual work program & budget developed with and recommended by Regional Committee and approved by Leadership Committee
- Costs apportioned based on allocation in IMA and invoiced by MWCOG

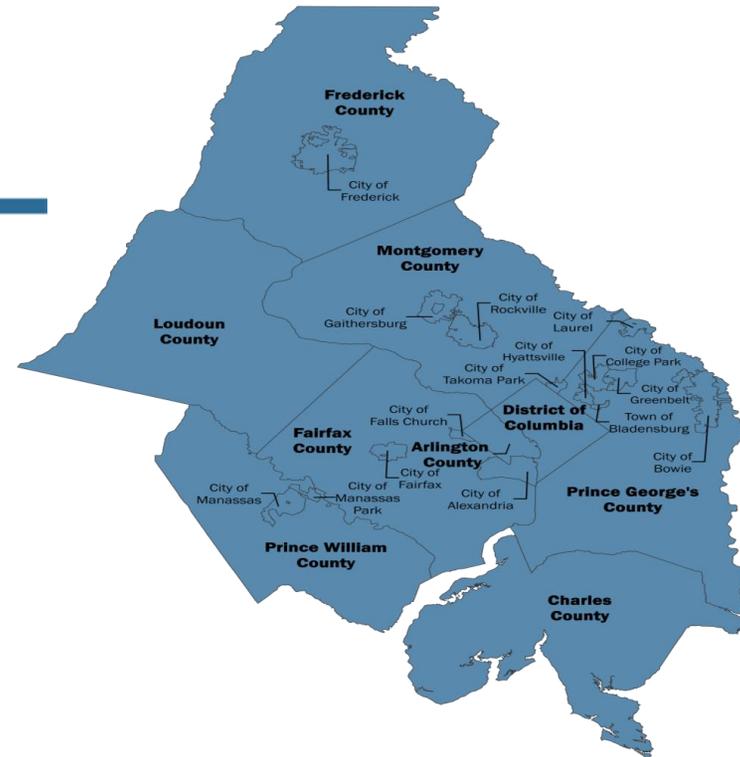
Secretariat Services - Blue Plains Parties



2012 Blue Plains Intermunicipal Agreement (2012 IMA) – Committees & Communications

About MWCOG

- Metropolitan Washington Council of Governments (MWCOG) is an independent, nonprofit association
- Brings area leaders together to address major regional issues in the District of Columbia, suburban Maryland, and Northern Virginia
- Membership is comprised of 300 elected officials from 24 local governments, the Maryland and Virginia state legislatures, and U.S. Congress





How do WSSC Water and DC Water Communicate to Fulfill Obligations Under the 2012 IMA?

FORMAL COMMUNICATIONS

- 💧 2012 Blue Plains IMA Committees
 - Leadership Committee (Annually)
 - Regional Committee (Quarterly)
 - Blue Plains Technical Sub-Committee (Monthly except for months with regional committee)
- 💧 DC Water Wholesale Customer Briefing (Annually)
- 💧 DC Water OEM Potomac Interceptor Emergency Response Seminar and Planning Meeting – (Annually)
- 💧 Biosolids Coordination Meeting, (Monthly)

INFORMAL

- 💧 DC Water – WSSC Water Routine Ad Hoc Operational Communications



Wholesale Customer Briefing

Annually DC Water holds a meeting with Wholesale Customers (WSSC, Fairfax, and Loudoun) on its proposed budget

- 💧 The FY2021 briefing was held on January 10, 2020

Various topics are discussed, such as:

- ✓ Billing
- ✓ Operating Budget
- ✓ Blue Plains Operations Overview
- ✓ Capital Projects and 10-year Capital Spending Plan
- ✓ ROCIP program updates

The CFO's Office coordinates this meeting, and it includes participation from across DC Water including Operations and Engineering.

The Wholesale customers participate in the meeting with their senior finance and engineering teams.

DC Water has visited Wholesale customers in the past, most recently March 2018.



Wholesale Customer Briefing

The Wholesale Customer Briefing typically includes:

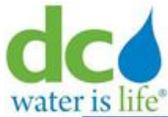
Billing:

- ✓ Timing and process of annual estimated billing, quarterly billing, and annual settlement after the fiscal year is closed and financial statements are audited by our auditors. We also update customers on ongoing or recently completed WSSC audits.
- ✓ Estimated 10-year capital disbursements plan and wholesale and non-wholesale shares.
- ✓ Most recent Blue Plains Operations and Maintenance (O&M) costs trends and Wholesale and Non-Wholesale contribution estimates for the budget year under discussion.
- ✓ Current Multi-Jurisdictional Use Facilities (MJUF) costs trends and Wholesale and Non-Wholesale contribution estimates for the budget year under discussion.

Operating Budget:

- ✓ DC Water budget process and timeline for board adoption.
- ✓ Proposed operating budgets. and comparison to most recent year.
- ✓ Operating budgets trends, key budget drivers, and changes in budget amounts under main categories (e.g. personnel, chemicals & supplies, water purchase, contracts, and small equipment, etc.).





Wholesale Customer Briefing

Blue Plains Operations

- ✓ Performance of the Plant and permit compliance.
- ✓ Volume of wastewater treated, and Bio-solids produced and marketed
- ✓ Update on important Blue Plains facilities (CHP, Filtrate Treatment Facility, etc.)
- ✓ Research and Development activities and updates on treatment programs

Capital Improvement Program:

- ✓ Projects in the 10-year Capital Improvement Plan
- ✓ Spending prioritization (mandates, health & safety etc.)
- ✓ Updates on ongoing major Blue Plains, Potomac Interceptor, Pumping Stations, and Clean River Projects (including consent decree) and Plans, projected costs and estimated start and finish timelines.

ROCIP

- ✓ Program costs, program periods, claims and costs statistics, cost savings, and the future plans.



Capital Projects – Engineering Role

10 -year CIP

- Each year Engineering develops the 10-year projected CIP cost shares for DC & Wholesale Customers and submits to Finance & Budget for inclusion in financial plan and for The Annual Wholesale Customers Briefing.
- Engineering will respond to select detailed billing queries on an Ad Hoc basis

Project Cost Share Agreement

• New Joint Use Facility

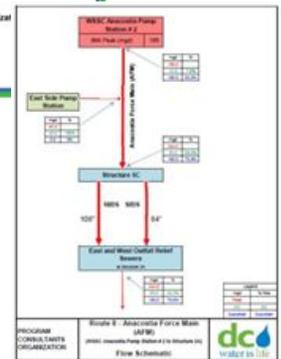
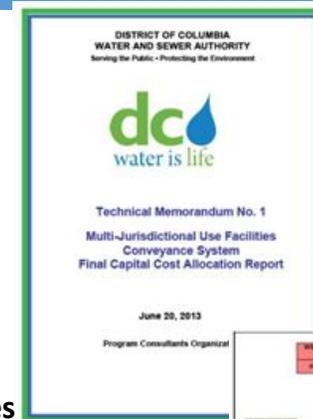
(for example: Headquarters Building)

- Engineering prepares draft cost share for review and approval via IMA committees (BP Subcommittee, Regional and Leadership Committees)

• Existing Multi-jurisdictional Use Facilities (MJUFs)

(for example: Potomac Interceptor)

- Engineering prepares draft cost share for review and approval using previously agreed methodology in accordance with Tech Memo. No. 1.





Working Groups and Ad Hoc Contacts with IMA Parties Wastewater Operations

Meetings	Frequency	Participants	Objectives	Issues Routinely Discussed
Biosolids Coordination Meeting	Monthly	All IMA parties including WSSC, biosolids application contractors ,land application inspectors, COG, as well as DC Water Operations staff	Operational issues, and short – term/long-term plans	Biosolids production allocations to contractors, quality issues including odor complaints (if any), other field observations, collaborative research
R&D Meeting	Annually	WSSC	To exchanges ideas and discuss issues in common and potential for collaboration or information sharing	

In addition, Wastewater Operations participates in the following IMA Work Groups coordinated through MWCOG:

- IMA leadership Committee
- IMA Regional Committee
- IMA Technical Sub-Committee
- IMA Billing Meter Work Group
- IMA Pretreatment Work Group
- IMA Wholesale Customer Briefing
- IMA Biosolids Work Group



DC Water Office of Emergency Management – Potomac Interceptor Emergency Response Seminar and Planning Meeting



Annual OEM Meeting with
Potomac Interceptor Users on
Emergency Response Plan



Other DC Water Engineering – WSSC and Fairfax Water Communications and Coordination

Consultant and Design Build Selections

- 💧 WSSC and Fairfax participate as voting panel members for joint use A/E and Design-Build RFP review and selections

Maryland and Virginia State Grant Assistance

- 💧 Assistance provided to WSSC and Fairfax in managing their MD and VA state grants. For example MD and VA funded WSSC's and Fairfax's share of the Enhanced Nitrogen Removal project.

Assistance provided:

- Conducted Blue Plains tours for Maryland Dept of Environment and Virginia Dept of Environmental Quality representatives
- Project status reporting and Grant billing

WSSC fiscal year Projections

- 💧 Provide WSSC preliminary CIP projections to meet their June to July Fiscal year



Engineering Projects with WSSC/Fairfax County Government on Selection Committees

DETS

<u>Contract Number/DCFA</u>	<u>Project Name</u>	<u>WSSC Representative</u>	<u>Fairfax County Government</u>
Contract No. 140060	New Headquarters Building	Nick Gardner	Michael McGrath
Contract No. 140100	Solar Power Purchase Agreement	Nick Gardner	Michael McGrath
Contract No. 180070	Blue Plains Floodwall Segment C Design-Build	Joel Caudill	Michael McGrath
Contract No. 100120	Main Process Train (MPT)	Roland Steiner	Michael McGrath
Contract No. 100150	Combined Heat and Power (CHP)	Roland Steiner	Sarah Motsch
Contract No. 120070	Tunnel Dewatering Pumping Station & Enhanced Clarification Facility	Roland Steiner	Michael McGrath
Contract No. 190010	Rehabilitation of Potomac Interceptor between MH31 & MH30	Joel Caudill	Michael McGrath
Contract No. 190070	Fleet Maintenance Facility	Joel Caudill	Michael McGrath
Contract No. 190080	Sewer Service Facility	Joel Caudill	Michael McGrath
DCFA 439	Engineering Program Management Consultant (EPMC) 3C for the Sewer System	Roland Steiner	Gilbert Osei-Kwadwo
DCFA 449	Blue Plains AWTP Program Manger	Roland Steiner	Michael McGrath
DCFA 450	Construction Management Services - Tunnel Dewatering Pumping Station and Enhanced Clarification Facility	Roland Steiner	Michael McGrath
DCFA 451	Small Construction Projects	Roland Steiner	Michael McGrath
DCFA 454 & 455	Basic Ordering Agreements (BOAs) - Infrastructure XI and XII	Roland Steiner	Gilbert Osei-Kwadwo
DCFA 456	Asset Management Program	Craig Fricke	Jonathan Okafor
DCFA 459	Construction Management Services	Craig Fricke	Brad Melton
DCFA 468	Engineering and Program Management Consultant (EPMC) 3D for the Sewer System	Nick Gardner	Michael McGrath
DCFA 469, 470, & 471	Basic Ordering Agreements (BOAs) - Infrastructure	Nick Gardner	Michael McGrath
DCFA 481	Project Delivery Service	Roland Steiner	Michael McGrath
DCFA 477	Capital Improvement Program (CIP) Mangement Services	Roland Steiner	Michael McGrath
DCFA 483	Screenings, Grit and Primary Facilities Upgrades	Carol Mojica	Michael McGrath
DCFA 485	IDIQ Contract for Condition Assessment of Large Diameter Water Mains and Major Sewers	Carol Mojica	Jonathan Okafor
DCFA 489	Basic Ordering Agreement (BOA) 6	Tim Hilton	Michael McGrath
DCFA 494	Wastewater Treatment Facility - Basic Ordering Agreement (BOA)	Joel Caudill	Michael McGrath
DCFA 495	Basic Ordering Agreement (BOA) Infrastructure	***	Michael McGrath
DCFA 503	Wastewater Treatment Program Manager II	Joel Caudill	Michael McGrath

DCCR

<u>Contract Number/DCFA</u>	<u>Project Name</u>	<u>WSSC Representative</u>	<u>Fairfax County Government</u>
Contract No. 100040	Division A - Design-Build Blue Plains Tunnel	Roland Steiner	Michael McGrath
Contract No. 110140	Division H - Design-Build Anacostia River Tunnel	Roland Steiner	Michael McGrath
Contract No. 130020	Division I - Design-Build Main Pumping Station Diversions	***	Michael McGrath
Contract No. 130080	Division D - Design-Build JBAB Overflow and Diversion Structures	***	Michael McGrath
Contract No. 130090	Division Z - Design-Bid-Build Poplar Point Pumping Station Replacement	Nichalos Gardner	Michael McGrath
Contract No. 140150	Division J - Design-Build Northeast Boundary Tunnel	Carol Mojica	Michael McGrath
DCFA 420	Program Manager Long Term Control Plan	Roland Steiner	
DCFA 421	General Consultant for Tunnels and Geotechnical Engineering LTCP	Roland Steiner	***
DCFA 440	Division A - Construction Management Services Blue Plains Tunnel	Roland Steiner	Michael McGrath
DCFA 445	Division Z - Poplar Point Pumping Station Replacement	Craig Fricke	Keith Chase
DCFA 446	Division I - Main Pumping Station & Tingy Street Diversions	Roland Steiner	Michael McGrath
DCFA 453	Division H - Construction Management Services Anacostia River Tunnel	Roland Steiner	Michael McGrath
DCFA 457	Division I & Division D - Construction Management Services Main Pumping Station & Diversions & JBAB Overflow and Diversion Structures	***	Michael McGrath
DCFA 463	Division Z - Construction Management Services Poplar Point Pumping Station Replacement	Nichalos Gardner	Michael McGrath
DCFA 487	Division J - Construction Management Services Northeast Boundary Tunnel	Carol Mojica	Michael McGrath
DCFA 493	DCCR Program Management	Joe Caudill	Michael McGrath



Other DC Water – WSSC Water Informal Communications and Coordination

- 💧 DC Water and Sewer Services: Issues with Pipe Systems at Boundary DCW – WSSC Water Service Areas are routinely resolved thru respective Agency’s Emergency Command Center
- 💧 DC Water Sewer Pumping Operations routinely coordinates with WSSC Water Pumping Operations directly at the Pumping Operations Level



Communications with WSSC Water – DC Water GI Practicability Assessment – Meetings held to Review Approach to GI

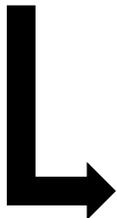
No.	Entity	Date
1	DC Water EQ & Ops	4/16/2020
2	Dept. of Energy and Environment	4/21/2020
3	EPA and DOJ	4/22/2020
4	NGO – Marchant Wentworth	4/24/2020
5	Councilmember Cheh	5/4/2020
6	NGOs	5/6/2020
7	National Park Service	5/12/2020
8	DC Water EQ & Ops	5/21/2020
9	ANCE 2E in Georgetown	5/26/2020
10	National Park Service Chesapeake & Ohio Canal Park	6/1/2020
11	DC Water Board	6/4/2020
12	WSSC	6/5/2020
13	Public Webinar attended by more than 100 people	6/11/2020
14	IMA - Regional Committee (WSSC, Montgomery County, Prince George's County, Fairfax County and DC Water attended)	6/25/2020

Meetings held with WSSC after June 4 Board meeting to address comment



Communications with WSSC Water – DC Water GI Practicability Assessment

- GI not constructible on Potomac, Consent Decree dictates outcome if GI is impracticable
- Constructing full Potomac Tunnel puts the controls back to the original plan when the IMA was signed and the original basis for 7.1% suburban share for MJUF facilities
- Consent Decree decision is separate from cost allocation decision.
- IMA provides a process for determining cost allocation:
 - Review facilities based on detailed designs
 - Determine MJUF facilities subject to 7.1% suburban share
 - Regional Committee reviews, refers to Leadership Committee for approval
 - Same approach followed for other CSO tunnels



- DC Water reaffirmed it would follow the cost allocation approach in the 2012 IMA for the CSO controls on the Potomac River.
- Based on the foregoing, DC Water plans to submit the Potomac GI practicability assessment to EPA in July 2020.



THANK YOU
any Questions?