

**Presented and Approved: March 2, 2023**

**SUBJECT: Approval to Award Contract No. 10331 to Provide Fleet Maintenance Services and Fund the Two-Year Base Term, First Vehicle Services**

**#23-09  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on March 2, 2023 upon consideration of a joint use matter, decided by a vote of eleven (11) in favor and none (0) opposed to approve the award of Contract No. 10331 with a two-year base term, First Vehicle Services.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Contract No. 10331, First Vehicle Services. The purpose of this contract is to provide fleet maintenance and repair service at two DC Water facilities, the central maintenance garage located at 6020 Walker Mill Rd, Capital Heights, MD, and the small equipment shop located at 5000 Overlook Ave, SW, Washington, DC. The contract value with the two-year base term is \$7,977.679.00.

This Resolution is effective immediately.

  
Secretary to the Board of Directors

**Presented and Approved: March 2, 2023**

**SUBJECT: Approval of Contract No. WAS-10-051-AA-CE, Process Control System (PCS) Maintenance and Major Upgrades, Emerson Process Management Power and Water Solutions, Inc.**

**#23-10  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on March 2, 2023 upon consideration of a joint use matter, decided by a vote of eleven (11) in favor and none (0) opposed to approve Contract No. WAS-10-051-AA-CE, Emerson Process Management Power and Water Solution, Inc.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute Contract No. WAS-10-051-AA-CE, Emerson Process Management Power and Water Solutions, Inc. The purpose of this contract is to extend maintenance and upgrade contract for five years by providing major hardware and software upgrades, on-site support, preventive maintenance, and emergency repair services for the Process Control System (PCS). The five-year extension value of this contract is \$11,503,791.00.

This Resolution is effective immediately.

  
Secretary to the Board of Directors

**Presented and Approved: March 2, 2023**

**SUBJECT: Approval of Master Supply Agreement and Purchase Order Award, Integrated Supplier Services Program for Pipes, Valves, Fittings and Associated Materials, Ferguson Enterprises, LLC and Core & Main LP**

**#23-11  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
D.C. WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("the Authority") at its meeting on March 2, 2023 upon consideration of a joint use matter, decided by a vote of eleven (11) in favor and none (0) opposed to approve the Master Supply Agreement and Purchase Order Award, Ferguson Enterprises, LLC and Core & Main LP.

**Be it resolved that:**

The Board of Directors hereby authorizes the General Manager to execute this Master Supply Agreement and Purchase Order Award for a three (3) year term. The purpose of this program is to acquire supply chains management for pipes, valves, fittings, and related materials required to support capital improvement projects. The suppliers will also provide supply risk management services that will assure the availability of material for Lead Free DC and for Small Diameter Water Main Replacement in a timely and cost-effective manner. The program value is \$85,000,000.00.

This Resolution is effective immediately.

  
Secretary to the Board of Directors

**Presented and Adopted: March 2, 2023**  
**Subject: Approval to Amend Fiscal Year 2023 Operating Budget**

**#23-12**  
**RESOLUTION**  
**OF THE**  
**BOARD OF DIRECTORS**  
**OF THE**  
**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors (“Board”) of the District of Columbia Water and Sewer Authority, (“DC Water”) at the Board meeting on March 2, 2023, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Amended Fiscal Year 2023 Operating Budget.

**WHEREAS**, on March 3, 2022, through Resolution #22-20, the Board approved the Fiscal Year 2023 Operating Budget that totaled \$686,403,165: and

**WHEREAS**, on May 26, 2022, the Finance & Budget Committee was briefed on the preliminary Fiscal Year 2022 year-end forecasts for operating revenue, operating expenditure, capital disbursements and net cash position; and consideration for reallocating in FY 2023, \$3,000,000 of projected underspending in debt service to cover projected shortfalls in chemicals primarily due to higher unit prices of various major chemicals used at the Plant and electricity due to market price volatility; and

**WHEREAS**, on June 23, 2022, the Finance & Budget Committee was briefed on the updated Fiscal Year 2022 year-end forecasts and recommended that the Board approve the amendment of the Fiscal Year 2023 Operating Budget to allocate \$3,000,000 of projected underspending in debt service in Fiscal Year 2022 to cover projected shortfalls in chemicals and electricity in Fiscal Year 2023 and the allocation of \$3,912,000 to PAYGO; and

**WHEREAS**, on June 23, 2022, the Finance & Budget Committee was briefed on the recommended carryover of \$6,912,000: \$3,000,000 for the Fiscal Year 2023 budget amendment for chemicals and energy and \$3,912,000 for PAYGO; and

**WHEREAS**, on July 7, 2022, through Resolution #22-42, the Board approved and adopted amendments to DC Water’s Fiscal Year 2023 Operating Budget by reallocating \$3,000,000 from debt service to chemicals and utilities and amending the Fiscal Year 2023 Operating Budget to \$689,403,165 with a carryover of \$6,912,000 in the cash balance; and

**WHEREAS**, on February 23, 2023, the Finance & Budget Committee was briefed on the preliminary Fiscal Year 2023 year-end forecasts, which includes additional increases in

chemicals and energy costs due to rising prices and prevailing market conditions, and the proposed reduction of \$3,000,000 in the overall operating expenditure budget by leveraging funds from the Cash Financed Capital Improvements (CFCI) so as to maintain the Approved Fiscal Year 2023 Operating Budget totaling \$686,403,165.

**NOW THEREFORE BE IT RESOLVED THAT:**

The Board hereby approves and adopts amendment to DC Water’s Fiscal Year 2023 Operating Budget by reducing \$3,000,000 from the Cash Financed Capital Improvements Fund to maintain the Approved Fiscal Year 2023 Operating Budget of \$686,403,165.

This resolution is effective immediately.

  
Secretary to the Board of Directors

**Presented and Adopted: March 2, 2023**

**Subject: Approval of Proposed Fiscal Year 2024 Operating Budget**

**#23-13  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("DC Water") at the Board meeting on March 2, 2023, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Proposed Fiscal Year 2024 Operating Budget.

**WHEREAS**, during the Fiscal Year 2024 Budget Workshop on January 5, 2023, the Chief Executive Officer and General Manager, Chief Financial Officer and Executive Vice President, Finance and Procurement, and members of the Senior Executive Team (SET) briefed Board members on the Proposed Fiscal Year 2024 Operating Budget that totaled \$737,566,811; and

**WHEREAS**, on January 24, 2023, the Finance and Budget Committee in a joint session with the Retail and Rates Committee, reviewed the budget proposal and discussed in detail, the budget drivers, budget assumptions and risks; and

**WHEREAS**, on February 23, 2023, the Finance and Budget Committee further reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions and risks, and recommended that the Board adopt the Proposed Fiscal Year 2024 Operating Budget that totals \$737,566,811, including \$15,000 for representation and \$15,000 for official meetings; and

**WHEREAS**, on February 28, 2023, the DC Retail Water and Sewer Rates Committee reviewed the budget proposals and discussed in detail the budget drivers, budget assumptions, and risks.

**NOW THEREFORE BE IT RESOLVED THAT:**

The Board hereby approves and adopts DC Water's Proposed Fiscal Year 2024 Operating Budget totaling \$737,566,811, including \$15,000 for representation and \$15,000 for official meetings, and as further detailed in the Chief Executive Officer and General Manager's Proposed Fiscal Year 2024 Budget presented on January 5, 2023, and accompanying materials.

This resolution is effective immediately.

  
Secretary to the Board of Directors

**Presented and Adopted: March 2, 2023**  
**Subject: Approval of Proposed Fiscal Year 2023 - 2032 Capital Improvement Program**

**#23-14**  
**RESOLUTION**  
**OF THE**  
**BOARD OF DIRECTORS**  
**OF THE**  
**DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("DC Water") at its meeting on March 2, 2023 upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Fiscal Year 2023 - 2032 Capital Improvement Program.

**WHEREAS**, pursuant to Resolution #10-76, dated July 1, 2010, the Board's Rate Stabilization Fund Policy requires an annually updated 10-Year Financial Plan, which includes a 10-Year Capital Disbursement Plan; and

**WHEREAS**, on March 3, 2022, through Resolution #22-18, the Board approved the Proposed Fiscal Year (FY) 2022 - 2031 Capital Improvement Program, which includes the FY 2022 - 2031 Capital Disbursement Plan and related Lifetime Budget; and

**WHEREAS**, on January 5, 2023, during the FY 2024 Budget Workshop, the Chief Executive Officer and General Manager, Chief Financial Officer and Executive Vice President, Finance and Procurement, and Vice President, Engineering briefed Board members on the FY 2023 - 2032 Capital Improvement Program, which includes the proposed Revised FY 2023 CIP Disbursement Budget of \$501,436,710, the proposed 10-Year Disbursement Plan totaling \$6,951,067,266 and the proposed Lifetime Budget of \$14,627,173,474; and

**WHEREAS**, on January 19, 2023, the Environmental Quality and Operations Committee reviewed the budget proposals and discussed in detail the budget, budget drivers, budget assumptions and risks; and

**WHEREAS**, on January 24, 2023, the Finance & Budget Committee and the DC Retail Water and Sewer Rates Committee, in a joint meeting, reviewed the budget proposals and discussed in detail the budget, budget drivers, budget assumptions, risks, and customer impacts; and

**WHEREAS**, on February 16, 2023, the Environmental Quality and Operations Committee, reviewed the budget proposals, and discussed in detail the budget drivers and risks, and recommended that the Board adopt the FY 2023 - 2032 Capital Improvement Program, which includes the proposed Revised FY 2023 CIP Disbursement

Budget of \$501,436,710, proposed 10-Year Capital Disbursement Plan totaling \$6,951,067,266, and related Lifetime Budget, totaling \$14,627,173,474; and

**WHEREAS**, on February 23, 2023, the Finance & Budget Committee, reviewed the budget proposals and discussed in detail the budget drivers and budget assumptions, and recommended that the Board adopt the FY 2023 - 2032 Capital Improvement Program, which includes the proposed Revised FY 2023 CIP Disbursement Budget of \$501,436,710, proposed 10-Year Capital Disbursement Plan totaling \$6,951,067,266, and related Lifetime Budget, totaling \$14,627,173,474; and

**WHEREAS**, on February 28, 2023, the DC Retail Water and Sewer Rates Committee reviewed the budget proposals and discussed in detail the budget drivers, strategic budget decisions, budget assumptions, risks, and customer impacts.

**NOW THEREFORE, BE IT RESOLVED THAT:**

The Board hereby approves and adopts DC Water's FY 2023 - 2032 Capital Improvement Program, which includes the Revised FY 2023 CIP Disbursement Budget of \$501,436,710, Fiscal Year 2023 – 2032 Capital Improvement Program Disbursement Plan totaling \$6,951,067,266, and related Lifetime Budget totaling \$14,627,173,474; provided in Attachment A-1 and as further detailed in the Chief Executive Officer and General Manager's Proposed Fiscal Year 2024 Budget and accompanying materials presented on January 5, 2023.

This resolution is effective immediately.

  
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Secretary to the Board of Directors



Capital Improvement Program

(\$ in thousands)	FY 2023 - FY 2032 CIP Disbursement Plan											Lifetime Budget
	Revised Budget											
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	10-yr Total	
<b>NON PROCESS FACILITIES</b>												
Facility Land Use	22,104	24,614	25,247	32,462	24,646	3,879	2,293	2,000	2,000	2,000	141,246	269,010
<b>Subtotal</b>	<b>22,104</b>	<b>24,614</b>	<b>25,247</b>	<b>32,462</b>	<b>24,646</b>	<b>3,879</b>	<b>2,293</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>141,246</b>	<b>269,010</b>
<b>WASTEWATER TREATMENT</b>												
Liquid Processing	41,050	28,977	47,726	83,307	75,562	77,488	89,520	59,692	61,829	60,116	625,266	1,272,081
Plantwide	14,596	39,838	51,239	40,909	50,182	39,544	25,388	20,231	16,742	3,140	301,809	530,955
Solids Processing	12,939	14,427	17,374	12,887	17,573	24,873	17,971	30,464	34,339	21,011	203,857	944,041
Enhanced Nitrogen Removal Facilities	3,322	1,201	1,346	637	2,238	1,414	7,420	21,779	10,188	405	49,949	788,082
<b>Subtotal</b>	<b>71,907</b>	<b>84,442</b>	<b>117,684</b>	<b>137,739</b>	<b>145,555</b>	<b>143,319</b>	<b>140,299</b>	<b>132,166</b>	<b>123,098</b>	<b>84,671</b>	<b>1,180,881</b>	<b>3,535,160</b>
<b>COMBINED SEWER OVERFLOW</b>												
DC Clean Rivers Program	104,558	100,329	135,619	172,452	136,585	146,829	132,388	33,847	-	-	962,607	2,992,358
Combined Sewer Overflow Program	3,473	9,927	12,445	15,927	12,825	10,432	5,997	12,182	12,465	4,593	100,267	223,714
<b>Subtotal</b>	<b>108,031</b>	<b>110,256</b>	<b>148,064</b>	<b>188,379</b>	<b>149,410</b>	<b>157,261</b>	<b>138,385</b>	<b>46,029</b>	<b>12,465</b>	<b>4,593</b>	<b>1,062,875</b>	<b>3,216,072</b>
<b>STORMWATER</b>												
Storm Local Drainage Program	654	1,686	1,905	735	977	965	1,163	1,067	916	853	10,921	82,760
Storm On-Going Program	1,081	942	519	876	842	1,084	1,287	935	-	-	7,566	10,072
Storm Pumping Facilities	4,829	8,692	4,161	4,126	3,732	1,417	1,579	4,948	7,642	4,957	46,083	64,227
Stormwater Program Managemet	173	437	517	476	286	346	275	212	124	395	3,243	15,178
Stormwater Trunk/Force Sewers	772	1,082	1,216	1,358	-	-	-	-	-	-	4,428	44,543
<b>Subtotal</b>	<b>7,509</b>	<b>12,839</b>	<b>8,319</b>	<b>7,571</b>	<b>5,837</b>	<b>3,812</b>	<b>4,305</b>	<b>7,162</b>	<b>8,682</b>	<b>6,205</b>	<b>72,241</b>	<b>216,779</b>
<b>SANITARY SEWER</b>												
Sanitary Collection System	4,582	25,217	58,615	60,253	61,914	54,330	54,582	56,493	57,843	58,000	491,829	728,214
Sanitary On-Going Projects	14,096	17,352	14,667	15,091	15,542	16,020	16,500	15,297	15,289	15,756	155,610	233,439
Sanitary Pumping Facilities	3,085	8,434	8,813	16,171	16,011	28,020	37,639	45,222	27,375	10,231	201,000	265,049
Sanitary Program Management	9,087	9,612	7,638	7,640	8,634	10,520	10,688	7,927	4,451	1,116	77,313	191,900
Interceptor/Trunk Force Sewers	37,182	57,842	95,377	69,410	120,816	168,845	151,593	97,201	38,289	33,811	870,364	1,309,131
<b>Subtotal</b>	<b>68,031</b>	<b>118,457</b>	<b>185,109</b>	<b>168,564</b>	<b>222,916</b>	<b>277,735</b>	<b>271,002</b>	<b>222,140</b>	<b>143,246</b>	<b>118,914</b>	<b>1,796,116</b>	<b>2,727,733</b>
<b>WATER</b>												
Water Distribution Systems	30,986	72,384	89,285	97,369	118,521	125,347	123,510	126,497	122,606	126,784	1,033,289	2,102,409
Lead Free DC Program	42,477	77,504	107,944	109,838	91,370	74,797	62,971	44,771	-	-	611,672	816,318
Water On-Going Projects	18,280	17,292	16,825	17,779	19,351	18,915	20,691	21,601	20,879	22,623	194,235	261,206
Water Pumping Facilities	5,910	10,202	7,983	7,734	6,391	7,029	4,547	2,678	2,408	2,414	57,295	95,574
Water Storage Facilities	6,447	6,811	11,754	4,438	3,834	9,658	4,997	3,536	3,328	5,096	59,899	175,104
Water Service Program Management	4,809	4,179	4,716	5,120	7,542	7,080	4,641	4,641	5,120	7,563	55,412	121,424
<b>Subtotal</b>	<b>108,909</b>	<b>188,371</b>	<b>238,506</b>	<b>242,278</b>	<b>247,009</b>	<b>242,826</b>	<b>221,357</b>	<b>203,725</b>	<b>154,341</b>	<b>164,479</b>	<b>2,011,801</b>	<b>3,572,035</b>
<b>CAPITAL PROJECTS</b>												
CAPITAL EQUIPMENT	47,421	30,535	31,654	31,776	34,334	34,334	34,334	34,334	34,334	34,334	347,390	347,390
WASHINGTON AQUEDUCT	67,523	35,155	29,480	29,480	29,480	29,480	29,480	29,480	29,480	29,480	338,518	338,518
<b>ADDITIONAL CAPITAL PROJECTS</b>	<b>114,944</b>	<b>65,690</b>	<b>61,134</b>	<b>61,256</b>	<b>63,814</b>	<b>63,814</b>	<b>63,814</b>	<b>63,814</b>	<b>63,814</b>	<b>63,814</b>	<b>685,909</b>	<b>685,909</b>
<b>LABOR</b>												
<b>TOTAL CAPITAL BUDGETS</b>	<b>501,437</b>	<b>604,671</b>	<b>784,064</b>	<b>838,249</b>	<b>859,188</b>	<b>892,646</b>	<b>841,454</b>	<b>677,036</b>	<b>507,647</b>	<b>444,676</b>	<b>6,951,067</b>	<b>14,627,173</b>

**Presented and Adopted: March 2, 2023**

**SUBJECT: Approval of Fiscal Year 2023 - 2032 Ten-Year Financial Plan**

**#23-15  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority ("DC Water") at the Board meeting held on March 2, 2023, upon consideration of a joint-use matter decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to the Fiscal Year 2023 - 2032 Ten Year Financial Plan.

**WHEREAS**, prudent utility financial management requires a long-term financial plan that integrates common elements of the ten-year capital improvement program, future capital financing plans, projected operating and maintenance budgets, revenue requirements and projected rate increases to support long-term capital and operating needs; and

**WHEREAS**, the Board, in Resolutions 11-10, dated January 6, 2011 and 21-84, dated October 7, 2021, adopted a series of financial policies in the areas of capital financing, long-term financial planning, and rate-setting to assure the short-term and long-term financial health of DC Water; and

**WHEREAS**, adherence to these financial policies has allowed the DC Water to receive strong bond ratings that will reduce debt service costs over the ten-year planning period; and

**WHEREAS**, consistent with the Board policies and management financial targets, the General Manager has prepared a ten-year financial plan in conjunction with the proposed FY 2024 operating and capital budgets; and

**WHEREAS**, the ten-year financial plan is based on assumptions detailed in the proposed Fiscal Year 2024 Operating and Capital Budgets; and

**WHEREAS**, the proposed Fiscal Year 2023 - 2032 Ten Year Financial Plan is consistent with projections appearing in the attached Schedules A, B and C of this Resolution; and

**WHEREAS**, on January 24, 2023, the DC Retail Water and Sewer Rates and Finance and Budget Committees met jointly and reviewed the proposed Fiscal Year 2023 - 2032 Ten Year Financial Plan, and

**WHEREAS**, on February 23, 2023, and February 28, 2023, the Finance and Budget Committee and the DC Retail Water and Sewer Rates Committee, respectively, met, reviewed, and recommended that the Board adopt the Fiscal Year 2023 - 2032 Ten Year Financial Plan as recommended by the General Manager.

**NOW THEREFORE BE IT RESOLVED THAT:**

1. The Board hereby accepts and approves the proposed Fiscal Year 2023 - 2032 Ten Year Financial Plan that is supported by the attached Schedule A, B and C and the proposed Fiscal Year 2024 Operating and Capital Budgets.

This resolution is effective immediately.

  
Secretary to the Board of Directors

**District of Columbia Water & Sewer Authority**  
**FY 2023 – FY 2032 Financial Plan**  
*(In 000's)*

OPERATING	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
<i>Retail</i>	\$ 685,505	\$ 718,310	\$ 755,081	\$ 802,038	\$ 852,254	\$ 898,145	\$ 953,657	\$ 1,006,114	\$ 1,049,289	\$ 1,081,751
<i>Wholesale</i>	104,560	106,519	110,780	115,211	119,819	124,612	129,597	134,781	140,172	145,779
<i>Other</i>	52,377	53,685	53,625	58,319	63,816	67,423	65,912	64,501	62,804	60,816
<i>RSF</i>	-	-	-	-	-	-	-	-	-	-
Operating Receipts <sup>(1)</sup>	\$ 842,442	\$ 878,515	\$ 919,485	\$ 975,568	\$ 1,035,890	\$ 1,090,180	\$ 1,149,166	\$ 1,205,396	\$ 1,252,264	\$ 1,288,346
Operating Expenses	(401,231)	(425,383)	(441,828)	(458,923)	(476,695)	(495,170)	(514,376)	(534,342)	(555,099)	(576,678)
Debt Service	(231,232)	(231,953)	(257,615)	(281,518)	(308,481)	(341,582)	(370,871)	(392,286)	(406,343)	(418,816)
Cash Financed Capital Improvement	\$ (23,505)	\$ (48,256)	\$ (60,406)	\$ (72,183)	\$ (76,703)	\$ (80,833)	\$ (85,829)	\$ (90,550)	\$ (94,436)	\$ (97,358)
Net Revenues After Debt Service	\$ 186,474	\$ 172,922	\$ 159,636	\$ 162,943	\$ 174,011	\$ 172,596	\$ 178,090	\$ 188,218	\$ 196,387	\$ 195,495
Operating Reserve-Beg Balance	257,374	274,600	282,600	292,600	303,600	314,600	327,600	340,600	354,600	368,600
Other Misc (Disbursements)/Receipts										
Wholesale/Federal True Up	(11,688)	(11,256)	-	-	-	-	-	-	-	-
Pay-Go Financing	(157,560)	(153,665)	(149,636)	(151,943)	(163,011)	(159,596)	(165,090)	(174,218)	(182,387)	(180,495)
Operating Reserve - Ending Balance	\$ 274,600	\$ 282,600	\$ 292,600	\$ 303,600	\$ 314,600	\$ 327,600	\$ 340,600	\$ 354,600	\$ 368,600	\$ 383,600
Rate Stabilization Fund Balance RSF <sup>(2)</sup>	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)	\$ (35,644)
Senior Debt Service Coverage	580%	734%	783%	699%	644%	659%	656%	620%	645%	617%
Combined Debt Service Coverage	196%	201%	195%	192%	189%	181%	178%	178%	178%	176%
Actual/Projected Water/Sewer Rate Increases	9.50%	3.25%	9.00%	7.50%	8.00%	8.00%	7.50%	7.50%	6.50%	6.50%
Operating Receipts \$ Increase/Decrease										
Retail	34,950	32,805	36,770	46,957	50,216	45,890	55,513	52,457	43,174	32,463
Wholesale	19,660	1,960	4,261	4,431	4,608	4,793	4,984	5,184	5,391	5,607
Operating Receipts % Increase/Decrease										
Retail	5.4%	4.8%	5.1%	6.2%	6.3%	5.4%	6.2%	5.5%	4.3%	3.1%
Wholesale	23.2%	1.9%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%

<sup>(1)</sup> Includes interest earnings on senior lien revenue bonds' debt service reserve fund

<sup>(2)</sup> FY 2024 planned transfer of \$0.0 million to Rate Stabilization Fund and \$0.0 million utilization will keep the total fund balance at \$35.644 million.

**District of Columbia Water & Sewer Authority**  
**Average Residential Customer Monthly Bill**  
**FY 2023 - FY 2032**

	Units	Current									
		FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
DC Water Water and Sewer Retail Rates <sup>(1), (5)</sup>	Ccf	\$ 86.07	\$ 89.03	\$ 97.00	\$ 104.31	\$ 112.67	\$ 121.65	\$ 130.78	\$ 140.58	\$ 149.72	\$ 159.46
DC Water Clean Rivers IAC <sup>(2)</sup>	ERU	18.14	21.86	23.03	25.20	27.08	27.44	29.87	31.04	31.28	31.32
DC Water Customer Metering Fee	5/8"	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75
DC Water Water System Replacement Fee <sup>(4)</sup>	5/8"	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30	6.30
<b>Subtotal DC Water Rates &amp; Charges</b>		<b>\$ 118.26</b>	<b>\$ 124.94</b>	<b>\$ 134.08</b>	<b>\$ 143.56</b>	<b>\$ 153.80</b>	<b>\$ 163.14</b>	<b>\$ 174.70</b>	<b>\$ 185.67</b>	<b>\$ 195.05</b>	<b>\$ 204.83</b>
Increase / Decrease		\$ 6.89	\$ 6.68	\$ 9.14	\$ 9.48	\$ 10.24	\$ 9.34	\$ 11.56	\$ 10.97	\$ 9.38	\$ 9.78
District of Columbia PILOT Fee <sup>(1)</sup>	Ccf	\$ 3.20	\$ 3.31	\$ 3.36	\$ 3.41	\$ 3.47	\$ 3.52	\$ 3.58	\$ 3.63	\$ 3.69	\$ 3.74
District of Columbia Right-of-Way Fee <sup>(1)</sup>	Ccf	1.03	1.03	1.03	1.08	1.08	1.08	1.14	1.14	1.14	1.14
District of Columbia Stormwater Fee <sup>(1)</sup>	ERU	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
<b>Subtotal District of Columbia Charges</b>		<b>\$ 6.90</b>	<b>\$ 7.01</b>	<b>\$ 7.06</b>	<b>\$ 7.16</b>	<b>\$ 7.22</b>	<b>\$ 7.27</b>	<b>\$ 7.39</b>	<b>\$ 7.44</b>	<b>\$ 7.50</b>	<b>\$ 7.55</b>
<b>Total Amount Appearing on DC Water Bill</b>		<b>\$ 125.16</b>	<b>\$ 131.95</b>	<b>\$ 141.14</b>	<b>\$ 150.72</b>	<b>\$ 161.02</b>	<b>\$ 170.41</b>	<b>\$ 182.09</b>	<b>\$ 193.11</b>	<b>\$ 202.55</b>	<b>\$ 212.38</b>
Increase / Decrease Over Prior Year		\$ 7.05	\$ 6.79	\$ 9.19	\$ 9.58	\$ 10.30	\$ 9.39	\$ 11.68	\$ 11.02	\$ 9.44	\$ 9.83
<b>Percent Increase in Total Bill</b>		<b>6.0%</b>	<b>5.4%</b>	<b>7.0%</b>	<b>6.8%</b>	<b>6.8%</b>	<b>5.8%</b>	<b>6.9%</b>	<b>6.1%</b>	<b>4.9%</b>	<b>4.9%</b>

(1) Assumes average monthly consumption for FY14 6.2 Ccf, or (4,638 gallons), FY15 6.01 Ccf, or (4,495 gallons), FY16 5.88 Ccf, or (4,398 gallons), FY17 5.72 Ccf, or (4,279 gallons), FY18 5.5 Ccf, or (4,114 gallons), FY19 5.39 Ccf, or (4,032 gallons)

(2) Assumes average 1 Equivalent Residential Unit (ERU)

(3) District Department of the Environment stormwater fee of \$2.67 effective November 1, 2010

(4) DC Water "Water System Replacement Fee" of \$6.30 for 5/8" meter size effective October 1, 2015

(5) Assumes percent decline in consumption FY 2020 - FY 2028

**District of Columbia Water & Sewer Authority**  
**Retail Rates, Charges and Fees**  
**FY 2022 - FY 2024**

	<b>Units</b>	<b>FY 2022</b>	<b>Approved FY 2023</b>	<b>Approved FY 2024</b>
DC Water Retail Rates Water (Residential Lifeline 0 - 4 Ccf)	Ccf	\$3.63	\$4.28	\$4.38
DC Water Retail Rates Water (Residential > 4 Ccf)	Ccf	\$4.74	\$5.58	\$5.70
DC Water Retail Rates Water (Multi-Family)	Ccf	\$4.15	\$4.90	\$5.00
DC Water Retail Rates Water (Non-Residential)	Ccf	\$4.91	\$5.78	\$5.89
DC Water Retail Rates Sewer	Ccf	\$10.64	\$11.26	\$11.70
DC Water Clean Rivers IAC	ERU	\$18.40	\$18.14	\$21.86
DC Water Customer Metering Fee	5/8"	\$7.75	\$7.75	\$7.75
DC Water System Replacement Fee	5/8"	\$6.30	\$6.30	\$6.30
District of Columbia PILOT Fee	Ccf	\$0.56	\$0.59	\$0.61
District of Columbia Right-of-Way Fee	Ccf	\$0.19	\$0.19	\$0.19
District of Columbia Stormwater Fee	ERU	\$2.67	\$2.67	\$2.67

**Presented and Adopted: March 2, 2023**

**SUBJECT: Approval of Official Intent to Reimburse Fiscal Year 2023  
and 2024 Capital Expenditures with Proceeds of a  
Borrowing**

**#23-16  
RESOLUTION  
OF THE  
BOARD OF DIRECTORS  
OF THE  
DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY**

The Board of Directors ("Board") of the District of Columbia Water and Sewer Authority, ("DC Water") at the Board meeting held on March 2, 2023, upon consideration of a joint-use matter, decided by a vote of eleven (11) in favor and none (0) opposed, to take the following action with respect to Approval of Official Intent to Reimburse Fiscal Year 2023 and 2024 Capital Expenditures with Proceeds of a Borrowing.

**WHEREAS**, DC Water intends to acquire, construct and equip improvements to the "System," which shall be considered "Costs of the System" as both terms are defined in the Master Indenture of Trust between DC Water and Wells Fargo Bank, N.A., dated April 1, 1998, including, but not limited to the items and List of Projects set forth in Exhibit A hereto (collectively, the "Projects"); and

**WHEREAS**, plans for the Projects have advanced and DC Water expects to advance its own funds to pay expenditures related to the Projects ("Expenditures") prior to incurring indebtedness and to receive reimbursement for such Expenditures from proceeds of tax-exempt bonds or notes or taxable debt, or both.

**NOW THEREFORE BE IT RESOLVED THAT:**

1. DC Water utilizes the proceeds of tax-exempt bonds, taxable bonds or notes (the "Bonds") or other debt in an amount not currently expected to exceed \$185,000,000 to pay costs of the Projects.
2. The Board approves the General Manager's "Official Intent" to use the proceeds of the Bonds to reimburse Expenditures with respect to the Projects made on or after the date that is 60 days prior to the date of this Resolution. DC Water reasonably expects on the date hereof that it will reimburse the Expenditures with the proceeds of the Bonds or other debt.
3. Each Expenditure was or will be, unless otherwise supported by the opinion of bond counsel, either (a) of a type properly chargeable to a capital account under general federal income tax principles (determined in each case as of the date of the Expenditure), (b) a cost of issuance with respect to the Bonds, (c) a

nonrecurring item that is not customarily payable from current revenues, or (d) a grant to a party that is not related to or an agent of DC Water so long as such grant does not impose any obligation or condition (directly or indirectly) to repay any amount to or for the benefit of DC Water.

4. The Board authorizes the General Manager to make a reimbursement allocation, which is a written allocation by DC Water that evidences DC Water's use of proceeds of the Bonds to reimburse an Expenditure, no later than 18 months after the later of the date on which the Expenditure is paid or the Project is placed in service or abandoned, but in no event more than three years after the date on which the Expenditure is paid. DC Water recognizes that exceptions are available for certain "preliminary expenditures," costs of issuance, certain de minimis amounts, expenditures by "small issuers" and expenditures for any construction, the completion of which is expected to require at least five years.
5. The Board adopts this resolution confirming the DC Water's "Official Intent" within the meaning of Treasury Regulations 26 CFR § 1.150-2 promulgated under the Internal Revenue Code of 1986, as amended.

This resolution is effective immediately.

  
Secretary to the Board of Directors



## **Exhibit A - List of Projects**

Blue Plains Plantwide Projects  
Blue Plains Enhanced Nitrogen Removal Facilities  
Blue Plains Liquid and Solids Processing Projects  
Sanitary Sewer System Projects  
Combined Sewer System Projects  
DC Clean Rivers Project  
Stormwater Sewer System Projects  
Water Pumping, Distribution and Storage Projects  
Metering and Capital Equipment  
Washington Aqueduct Projects