



**CONSOLIDATED COMMISSION ON UTILITIES**  
Guam Power Authority | Guam Waterworks Authority  
P.O. Box 2977 Hagatna, Guam 96932 | (671)649-3002 | guamccu.org

**GWA RESOLUTION NO. 36-FY2019**

**RELATIVE TO APPROVING THE FIVE-YEAR FINANCIAL PLAN  
AND CAPITAL IMPROVEMENT PROGRAM**

**WHEREAS**, the Consolidated Commission on Utilities (“CCU”) is the governing body of the utilities and as such it possesses fiscal, contract and policy oversight over the Guam Waterworks Authority (“GWA”); and

**WHEREAS**, GWA is a Guam Public Corporation established and existing under the laws of Guam; and

**WHEREAS**, GWA prepared its third consecutive five-year financial plan FY2020-2024 which will provide for the continued modernization, operation, maintenance, and repair of GWA’s water and sewer systems and provide for appropriate debt service on approximately \$260 million in bonds to pay for the planned capital improvements to the benefit all of the people of Guam; and

**WHEREAS**, the Five-Year Financial Plan (“Financial Plan”) addresses the 5 year period FY2020-FY2024: (1) estimated annual budgets for operations, maintenance and repair of GWA’s water and sewer system, including capital improvement projects; and (2) a detailed descriptive plan for raising sufficient revenue to meet the projected costs set forth in the budget; and

**WHEREAS**, GWA’s proposed Financial Plan contains annual rate increases that are driven primarily by obligatory investment for system reliability, federal regulatory compliance, the 2011 Federal Court order and a forthcoming U.S.E.P.A. Consent Decree while concurrently meeting the bond rate covenants and PUC debt coverage requirements along with credit rating considerations; and



1           **WHEREAS**, GWA management has presented its comprehensive Financial Plan to the  
2 CCU for its approval for release as described in the CFO Summary and accompanying  
3 documents attached hereto as Exhibit A; and  
4

5           **WHEREAS**, GWA's proposed Financial Plan provides the structure to support the 5-  
6 year Capital Improvement Program attached hereto as Exhibit B, the FY2020 Budget and will  
7 become the foundation for subsequent 5-year plans to enable the implementation of the 20-year  
8 2018 Water Resources Master Plan; and  
9

10           **WHEREAS**, highlights of the Financial Plan include:

- 11           1) Rate increase utilizing a "cash basis" analysis of 10% in FY2020, 8.5% in FY2021,  
12           8% in FY2022, 6.5% in FY2023 and 5% in FY2024 to fund increases in operating  
13           expenses and other costs subject to inflationary pressures, to pay for current debt  
14           service and future debt service of approximately Two Hundred Sixty Million Dollars  
15           (\$260,000,000) of bond financing in FY2020, FY2022 for much needed capital  
16           improvement projects for service improvements which includes, but is not limited to,  
17           the following projects:
- 18           a. continued development of water wells needed to support growth;
  - 19           b. water distribution upgrades that will reduce GWA's water losses which  
20           translates into lower power rates and lower costs for GWA's customers;
  - 21           c. water booster station upgrades;
  - 22           d. upgrades to GWA's sewer collection system and a comprehensive sewer line  
23           replacement and rehabilitation program;
  - 24           e. upgrades to over 20 wastewater pumping stations;
  - 25           f. numerous upgrade projects for the electrical systems on sewer collection and  
26           treatment facilities;
  - 27           g. installing additional SCADA system so that GWA can monitor and operate its  
28           water and wastewater system more efficiently;
  - 29           h. continue the Court Order replacement of some of GWA's remaining steel  
30           water storage tanks and add new concrete tanks that have a better life cycle  
31           cost;
  - 32



- 1 i. continue the Court Order refurbishment of some of GWA's steel water storage  
2 tanks that will give the tanks an additional ten to fifteen years of life to allow  
3 GWA the ability to replace the tanks as necessary; and
- 4 2) Ensure that the cash reserves required under the Bond Indenture and Stipulated Order  
5 will be fully funded by the end of Fiscal Year 2024;
- 6 3) Ensures that the proper debt service coverage ratio that is required under the 2005,  
7 2010, 2013 and 2016 Series Bond Indentures and future bond financing are  
8 maintained.
- 9 4) Continuation of on-going efforts to reduce water losses by 10% over the next five  
10 years through an aggressive leak detection and repair program, and prioritizing line  
11 replacement projects;
- 12 5) Internally funded capital improvement projects of approximately Ninety-Six Million  
13 Dollars (\$96,000,000) to reduce GWA's need to finance all capital projects and  
14 thereby reduce costs to the consumers by eliminating the interest and costs associated  
15 with financing.
- 16 6) Augments the existing Working Capital Reserve funds for Operations & Maintenance  
17 and Debt Service by Fifteen Million Five Hundred Thousand Dollars (\$15,500,000)  
18 to improve liquidity for dealing with unexpected events and to bring GWA closer to  
19 conforming with industry standards for working capital and cash reserves of four (4)  
20 months and sixty (60) days, respectively, as well as to create opportunities to enhance  
21 investment grade status for GWA bonds, attain better access to financial market and  
22 lower future debt costs; and  
23

24  
25 **WHEREAS**, the CCU has directed and Management has conducted a comprehensive  
26 public information campaign, including public work sessions with the CCU, television and radio  
27 interviews by the General Manager, several detailed presentations to the public in villages in the  
28 north, central and south of Guam, the Mayor's Council of Guam, the Speaker and GWA's  
29 oversight Chair at the Guam Legislature, and other community stakeholder groups such as the  
30 Rotary Club of Guam and the Guam Chamber of Commerce, as well as distribution of  
31 information on the plan to every GWA customer via billing inserts in the mail and publication of  
32



1 the full text of the proposed plan on GWA's website, so that the plan can be thoroughly  
2 evaluated and commented on by the public; and

3  
4 **WHEREAS**, having thoroughly reviewed and analyzed the plan, the CCU now finds that  
5 the Financial Plan is ready for approval and the CCU will authorize GWA management to file  
6 the Financial Plan with the Guam Public Utilities Commission after the expiration of thirty days  
7 from the date the notice is published in a newspaper of general circulation and on the GWA  
8 webpage as required by the Ratepayers Bill of Rights as contained in Guam Code Annotated.

9  
10 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities  
11 does hereby approve and authorize the following:

12  
13 The five-year Financial Plan required under GWA's master plan is hereby  
14 approved for filing with the Guam Public Utilities Commission which includes, but is not limited  
15 to the highlights set forth herein and below:

- 16 a. Rate increases of 10% in FY2020, 8.5% in FY2021, 8% in FY2022, 6.5% in  
17 FY2023, and 5% in FY2024 to account for current debt service and future debt  
18 service for approximately \$260 million in financing for capital projects and  
19 increases in costs such as power costs; Navy water purchases and other normal  
20 and recurring operating expenses due to inflation;
- 21 b. A reduction in water losses by 10% by the end of the five-year period;
- 22 c. Ninety-Six Million Dollars (\$96,000,000) set aside for internally funded capital  
23 improvement projects to offset amounts GWA is required to borrow;
- 24 d. Fifteen Million Five Hundred Thousand Dollars (\$15,500,000) to augment the  
25 existing Working Capital Reserve funds for Operations & Maintenance and  
26 Debt Service of four (4) months and sixty (60) days respectively and beginning  
27 FY2020 and thereafter, deposit into the Fund from monthly revenues collected  
28 an amount equal to 1/12<sup>th</sup> of the budgeted amount detailed in the Plan on  
29 GWA's annual budget, of which no expenditure or withdrawal shall be made  
30 without prior written approval by the CCU.  
31  
32





1 **RESOLVED**, that the Chairman certifies and the Secretary attests to the adoption of this  
2 Resolution.

3  
4 **DULY ADOPTED AND APPROVED** this 5<sup>th</sup> day of June 2019.

5  
6 Certified by:

Attested by:

7  
8   
9 **JOSEPH T. DUENAS**  
Chairperson

10   
11 **MICHAEL T. LIMTIACO**  
Secretary

12 **SECRETARY'S CERTIFICATE**

13  
14 I, Michael T. Limtiaco, Secretary for the Consolidated Commission on Utilities do  
15 hereby certify as follows:

16  
17 The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular  
18 meeting by the members of the Guam Consolidated Commission on Utilities, duly and  
19 legally held at a place properly noticed and advertised at which meeting a quorum was  
present and the members who were present voted as follows:

20 AYES:                     3                      
21 NAYS:                     2                      
22 ABSTENTIONS:                     0                      
23 ABSENT:                     0                    

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**GUAM WATERWORKS AUTHORITY**

**EXHIBIT A**



# GUAM WATERWORKS AUTHORITY

## GUAM WATERWORKS AUTHORITY RATE PLAN (PROPOSED) 2020 - 2024

SCHEDULE A	APPROVED BUDGET				Projection			
	Audited 2018	2019	2020	2021	2022	2023	2024	
Basic Charge -Water	4.00%	0.00%	10.00%	8.50%	0.00%	6.50%	8.00%	8.00%
Lifting Increase	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Non-Lifting Increase	4.00%	0.00%	10.00%	8.50%	0.00%	6.50%	8.00%	8.00%
Legislative Surcharge	3.75%	3.75%	3.80%	3.80%	3.50%	3.40%	3.40%	3.40%
Customer Growth	0.00%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Demand Growth			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>OPERATING REVENUES</b>								
Water Revenues	66,373,664	66,759,957	77,204,820	85,410,356	90,162,643	96,753,251	100,357,472	
Wastewater Revenues	38,301,485	38,587,180	43,880,589	47,008,664	50,818,250	53,927,730	56,758,216	
Legislative Surcharge	3,470,000	3,536,002	3,856,370	4,185,719	4,387,793	4,582,730	4,853,770	
Other Revenues	619,529	459,048	431,932	430,737	433,741	432,137	432,205	
System Development Charge	1,070,985	1,173,270	914,964	929,304	932,509	882,259	884,881	
<b>Total Operating Revenues</b>	<b>100,737,061</b>	<b>111,694,455</b>	<b>126,387,745</b>	<b>135,962,760</b>	<b>146,643,136</b>	<b>155,198,197</b>	<b>162,286,352</b>	
<b>O &amp; M EXPENSES</b>								
Power Purchases	14,688,486	14,775,781	14,935,361	15,234,069	15,538,771	16,048,546	16,166,537	
Water Purchases	8,694,974	9,167,698	9,902,414	10,694,807	11,550,175	12,474,189	13,472,124	
Salaries and Benefits	23,371,460	23,943,477	24,837,795	25,528,656	27,088,946	28,323,736	29,038,662	
Administrative and General Expenses	18,534,508	24,435,234	27,189,775	28,677,206	29,340,741	30,016,069	30,709,539	
Depreciation Expense	11,743,963	10,777,027	12,066,903	12,410,865	12,458,854	12,697,866	13,139,031	
Contractual Expenses	19,280,249	21,108,780	21,982,670	22,271,032	22,300,621	22,846,171	24,038,420	
Retiree Supplemental Annual/Health care costs	5,036,651	5,111,471	6,064,073	7,387,254	8,675,010	10,009,518	11,632,223	
Total Operating Expenses	88,515,418	98,888,139	108,984,895	114,118,563	120,977,251	127,897,963	134,257,586	
<b>Earnings (Loss) from Operations</b>	<b>12,221,643</b>	<b>12,806,316</b>	<b>17,402,850</b>	<b>21,844,197</b>	<b>25,665,885</b>	<b>27,299,234</b>	<b>28,028,766</b>	
Interest Income-Bond 2013,2014 Refunding,2016,2017 Refunding	3,064,490	1,019,316	1,350,769	1,538,893	1,303,222	1,397,859	1,413,559	
Interest Income-Other Funds	547,738	188,274	216,673	248,837	210,485	226,122	228,122	
Interest Income-SDC	188,221	24,862	25,567	29,650	28,760	27,392	26,801	
Interest Expense-Bond 2013,2014 Refunding,2016,2017 Refunding	(28,128,813)	(28,633,416)	(32,105,188)	(31,639,650)	(34,164,716)	(36,651,665)	(38,200,007)	
Interest Expense-ROG	(368,427)	(237,144)	(87,345)	-	-	-	-	
AFUDC	12,601,186	13,867,686	-	-	-	-	-	
Amortization of Discount, Premium and Insurance Costs	(672,985)	(213,676)	(403,640)	(276,930)	(238,049)	(326,208)	(300,366)	
Grants & other contributions (net of federal expenditures)	14,462,863	66,368,461	36,732,867	39,732,867	33,430,130	8,000,000	8,000,000	
Recovery of bad debts/Miscellaneous Revenue	361,104	(184,412)	(344,114)	(268,263)	(268,688)	(267,976)	(267,332)	
Loss on Defenses Bond- Refunding	(744,622)	-	-	-	-	-	-	
Loss on Asset Disposal	(1,945,630)	-	-	-	-	-	-	
Loss on Inventory write-down	-	-	-	-	-	-	-	
Prior Year Adjustment	158,629	-	-	-	-	-	-	
<b>Net Income (Loss)</b>	<b>24,613,527</b>	<b>77,084,350</b>	<b>38,918,519</b>	<b>44,888,072</b>	<b>42,867,080</b>	<b>19,344,881</b>	<b>21,308,653</b>	
<b>INCREASE (DECREASE) in Capital</b>	<b>24,613,527</b>	<b>77,084,350</b>	<b>38,918,519</b>	<b>44,888,072</b>	<b>42,867,080</b>	<b>19,344,881</b>	<b>21,308,653</b>	
<b>BOND DEBT SERVICE</b>	<b>26,728,670</b>	<b>31,368,415</b>	<b>34,175,188</b>	<b>34,229,659</b>	<b>43,264,135</b>	<b>43,195,765</b>	<b>47,217,638</b>	

# GUAM WATERWORKS AUTHORITY

## GUAM WATERWORKS AUTHORITY RATE PLAN (PROPOSED) 2020 - 2024

SCHEDULE A	Audited	APPROVED BUDGET				Projection							
		2018	2019	2020	2021	2022	2023	2024	2025				
<b>DEBT SERVICE COVERAGE CALCULATION - Section 6.12</b>													
Earnings (Loss) from Operations	23,222,572	24,698,316	30,513,659	35,344,278	42,665,646	47,160,144	49,426,785						
Investment Income-Other Funds	547,738	168,274	216,973	246,937	210,465	226,235	228,122						
COA	594,000	623,700	644,877	668,520	738,117	784,867	837,684						
System Development Charge	(1,070,985)	(1,178,270)	(914,664)	(829,354)	(620,503)	(482,298)	(364,681)						
Depreciation	10,200,249	21,168,200	21,168,200	22,271,022	22,280,621	22,648,171	24,035,450						
Balance Available for Debt Service - Section 6.12	42,372,574	43,821,980	52,422,206	57,823,163	65,075,670	68,828,188	72,648,821						
Debt Service Coverage (1:25X) - Section 6.12	1.58	1.45	1.53	1.68	1.51	1.62	1.54						
<b>DEBT SERVICE COVERAGE CALCULATION - PUC Debt Ratio</b>													
Balance Available for Debt Service	42,372,574	45,821,980	52,422,206	57,823,163	65,075,670	68,828,188	72,648,821						
Transfer - Reserve for O & M	1,000,000	-	-	-	8,000,000	-	6,000,000						
Transfer - Reserve for Debt Service	-	-	-	-	-	-	-						
2017 Retaining bond savings	-	-	-	-	-	-	-						
Available for Debt Service - Reserve for Debt Service	11,217,733	11,217,733	11,244,664	11,244,664	11,244,664	19,244,664	19,244,664						
Balance Available for Debt Service - PUC	54,791,208	59,238,654	63,666,870	69,067,828	84,324,325	89,179,823	96,893,296						
Debt Service Coverage (1:75X) - PUC	2.05	1.81	1.86	2.61	1.85	2.06	2.05						
<b>CASH FLOW STATEMENT</b>													
Net Income (Loss)	24,843,527	27,884,358	38,918,918	44,888,072	42,887,880	19,344,881	21,368,853						
Depreciation & Amortization	19,792,644	20,865,205	22,366,310	22,647,982	22,596,670	22,974,378	24,338,815						
AFUDC	(12,501,188)	(13,887,688)	(8,770,000)	(9,270,000)	(12,038,419)	(12,844,140)	(14,316,948)						
Principal Payments - Bonds	(5,200,000)	(5,715,000)	(878,321)	(842,131)	(832,330)	(825,422)	(818,478)						
Working Capital Change (Increase)/Decrease	(2,433,918)	(3,180,334)	(2,780,552)	-	-	-	-						
Principal Payments-BOG	(3,018,018)	-	-	-	-	-	-						
Transfer to Trust	(381,104)	-	344,114	289,283	-	-	-						
Deferred outflows from pension	124,047,381	-	134,000,000	-	-	-	-						
Gross Bond Proceeds	(122,155,328)	-	(108,925,581)	-	-	-	-						
Deposit to Bond Construction Fund	-	-	(13,400,000)	-	-	-	-						
Deposit to CAP Interest Fund	-	-	(8,994,418)	-	-	-	-						
Deposit to Debt Service Reserve Fund	-	-	(2,680,000)	-	-	-	-						
Cost of Issuance/Underwriter Discount	-	-	407,987	-	-	-	-						
Loss on Defeasance Bond/Amortization of Disc. Premium/Insurance Cost	1,892,033	-	-	-	-	-	-						
Revenue Funded CAPEX	1,228,817	407,987	403,640	276,930	288,049	328,208	300,385						
Bond Reserve Requirement	(4,981,172)	-	-	-	-	-	-						
System Development Charge	(1,070,985)	(1,173,270)	(914,664)	(828,304)	(620,503)	(482,298)	(364,681)						
Working Capital Reserve for CAPEX/PAYGO	(4,191,788)	(5,162,886)	(6,000,000)	(6,800,000)	(7,600,000)	(8,400,000)	(9,200,000)						
Working Capital Reserve for O & M	(1,000,000)	(3,247,412)	(600,000)	(800,000)	(800,000)	(800,000)	(800,000)						
Working Capital Reserve for Debt Service	-	-	-	-	-	-	-						
Grants and Contributions	(14,482,083)	(68,388,461)	(38,732,887)	(39,732,887)	(33,438,130)	(8,000,000)	(8,000,000)						
Transfer from Capitalized Interest Fund	1,771,471	-	6,700,000	6,700,000	3,000,000	3,000,000	3,300,000						
Prior Year Adjustment & Loss on Asset Dispositively withdrawn	1,787,081	-	-	-	-	-	-						
Transfer to 2017 retaining savings	-	-	-	-	-	-	-						
Cash Surplus (Deficit)	(1,778,894)	(8,457,185)	155,688	608,934	836,018	571,820	565,678						
Beginning Balance	4,873,278	9,419,782	3,094,394	3,259,272	3,789,207	4,995,220	5,168,846						
Ending Balance	3,094,384	942,597	3,250,082	3,789,207	4,625,225	5,169,040	5,734,524						



**GUAM WATERWORKS AUTHORITY**  
**Schedule B - Summary of Revenues**

FY2018						
Water Revenues	Customers	Consumption (kGal)	Customer Chgr	Consumption (\$\$\$)	Surcharge	Total Revenues
Agriculture/Mitigation	366	79,844 \$	109,675 \$	381,511 \$	18,348 \$	509,534
Golf Course	16	2,741	10,448	36,292	1,828	48,567
Hotels	58	988,989	116,983	13,205,003	480,995	13,802,981
Commercial	2,702	807,752	1,096,844	12,050,906	518,735	13,667,485
Government/Federal	408	459,491	274,761	6,051,740	277,046	6,803,549
Residential	38,927	1,923,824	10,843,986	18,192,313	1,059,046	29,895,327
Residential Lifeline		1,396,170		4,205,123		4,205,123
<b>Total Water</b>	<b>42,474</b>	<b>5,758,590 \$</b>	<b>12,252,677 \$</b>	<b>54,122,887 \$</b>	<b>2,357,002 \$</b>	<b>68,732,568</b>
<b>Wastewater Revenues</b>						
Commercial I	1,773	427,727		3,214,793 \$	122,761 \$	3,337,554
Commercial II & Hotel	61	725,910		13,059,883	491,162	13,550,845
Commercial III	261	148,458		3,643,108	141,489	3,784,597
Government/Federal	250	937,968		9,764,431	358,095	10,122,526
Residential	27,029	1,836,872		8,619,390		8,619,390
<b>Total Wastewater</b>	<b>29,374</b>	<b>4,076,635</b>	<b>- \$</b>	<b>38,301,403 \$</b>	<b>1,113,508 \$</b>	<b>39,414,911</b>
<b>Grand Total</b>		<b>9,835,226 \$</b>	<b>12,252,677 \$</b>	<b>92,424,291 \$</b>	<b>3,470,509 \$</b>	<b>108,147,477</b>



# GUAM WATERWORKS AUTHORITY

**GUAM WATERWORKS AUTHORITY**  
**Schedule B - Summary of Revenue**

	FY2019					
Water Revenues	Customers	Consumption (kGal)	Customer Chgs	Consumption (\$\$\$)	Surcharge	Total Revenues
Agriculture/Irrigation	370	85,951	110,932	389,840	18,029	488,801
Golf Course	15	2,917	10,444	34,863	1,702	47,100
Hotels	55	1,005,313	116,550	13,428,114	507,850	14,050,513
Commercial	2,664	907,887	1,065,541	12,124,976	485,769	13,716,288
Government/Federal	411	488,672	276,872	6,232,482	244,101	6,763,454
Residential	38,870	1,857,465	10,630,534	20,286,511	1,146,287	32,043,342
Residential Lifeline		1,681,086		5,063,209		5,063,209
<b>Total Water</b>	<b>42,385</b>	<b>6,007,000</b>	<b>12,240,872</b>	<b>57,518,084</b>	<b>2,413,749</b>	<b>72,172,705</b>
<b>Wastewater Revenues</b>						
Commercial I	1,779	447,163		3,292,551	123,471	3,416,022
Commercial II & Hotel	61	742,306		13,309,258	499,097	13,808,355
Commercial III	259	140,004		3,481,390	130,552	3,611,942
Government/Federal	254	935,161		9,842,378	369,089	10,211,498
Residential	27,359	2,189,838		9,041,602		9,041,602
<b>Total Wastewater</b>	<b>29,713</b>	<b>4,434,470</b>	<b>-</b>	<b>36,967,180</b>	<b>1,122,209</b>	<b>40,089,389</b>
<b>Grand Total</b>		<b>10,441,470</b>	<b>12,240,872</b>	<b>96,485,264</b>	<b>3,535,958</b>	<b>112,262,084</b>



**GUAM WATERWORKS AUTHORITY**

**GUAM WATERWORKS AUTHORITY  
Schedule B - Summary of Revenue**

	FY2020					
Water Revenues	Customers	Consumption (kGal)	Customer Chrg	Consumption (\$\$\$)	Surcharge	Total Revenues
Agriculture/Irrigation	356	82,979	\$ 117,159	\$ 392,730	\$ 18,356	\$ 528,246
Golf Course	14	2,317	8,592	34,036	1,535	44,162
Hotels	53	1,071,838	127,596	15,743,088	571,345	16,442,029
Commercial	2,686	858,854	1,202,476	14,086,217	550,393	15,838,086
Government/Federal	400	531,832	286,261	7,812,977	291,833	8,401,192
Residential	39,155	1,739,911	11,776,179	20,544,390	1,163,540	33,484,089
Residential Lifeline		1,681,086		5,063,209		5,063,209
<b>Total Water</b>	<b>42,644</b>	<b>6,069,626</b>	<b>\$ 13,528,283</b>	<b>\$ 63,676,637</b>	<b>\$ 2,597,102</b>	<b>\$ 79,802,022</b>
<b>Wastewater Revenues</b>						
Commercial I	1,763	479,876		\$ 3,865,148	\$ 139,865	\$ 4,025,014
Commercial II & Hotel	61	777,896		15,338,148	552,173	15,890,321
Commercial III	265	165,294		4,521,288	162,798	4,684,065
Government/Federal	248	968,045		11,207,323	403,464	11,610,787
Residential	27,350	2,195,990		9,036,951		9,036,951
<b>Total Wastewater</b>	<b>29,687</b>	<b>4,586,991</b>	<b>.</b>	<b>\$ 43,990,559</b>	<b>\$ 1,258,269</b>	<b>\$ 45,248,828</b>
<b>Grand Total</b>		<b>10,655,317</b>	<b>\$ 13,528,283</b>	<b>\$ 107,667,196</b>	<b>\$ 3,855,370</b>	<b>\$ 125,050,849</b>





# GUAM WATERWORKS AUTHORITY

**GUAM WATERWORKS AUTHORITY**  
**Schedule B - Summary of Revenue**

		FY2021				
Water Revenues	Customers	Consumption (kGal)	Customer Chrg	Consumption (\$\$\$)	Surcharge	Total Revenues
Agriculture/Irrigation	358	82,978 \$	127,753 \$	428,112 \$	19,839 \$	573,805
Golf Course	14	2,317	9,398	36,929	1,667	47,964
Hotels	54	1,071,638	139,134	17,081,251	619,834	17,840,318
Commercial	2,678	958,854	1,311,210	15,293,546	597,411	17,192,167
Government/Federal	402	531,832	323,072	8,477,080	316,805	9,116,958
Residential	39,351	1,739,911	12,941,040	22,290,652	1,264,741	36,396,433
Residential Lifeline		1,981,088		5,063,209		5,063,209
<b>Total Water</b>	<b>42,857</b>	<b>6,068,626 \$</b>	<b>14,751,578 \$</b>	<b>68,658,778 \$</b>	<b>2,820,497 \$</b>	<b>86,230,854</b>
<b>Wastewater Revenues</b>						
Commercial I	1,772	479,676		4,215,366 \$	151,754 \$	4,367,140
Commercial II & Hotel	61	777,698		16,841,891	598,108	17,240,999
Commercial III	266	165,294		4,905,598	176,802	5,082,189
Government/Federal	249	988,045		12,159,946	437,758	12,597,704
Residential	27,487	2,195,980		9,083,844		9,083,844
<b>Total Wastewater</b>	<b>29,835</b>	<b>4,598,691</b>	<b>- \$</b>	<b>47,006,664 \$</b>	<b>1,365,222 \$</b>	<b>48,371,886</b>
<b>Grand Total</b>		<b>10,665,317 \$</b>	<b>14,751,578 \$</b>	<b>115,665,443 \$</b>	<b>4,185,719 \$</b>	<b>134,602,739</b>



**GUAM WATERWORKS AUTHORITY**

**GUAM WATERWORKS AUTHORITY  
Schedule B - Summary of Revenue**

		FY2022					
	Water Revenues	Customers	Consumption (kGal)	Customer Chge	Consumption (\$\$\$)	Surcharge	Total Revenues
	Agriculture/Irrigation	380	82,979	\$ 138,864	\$ 460,201	\$ 20,960	\$ 619,825
	Golf Course	15	2,317	10,189	39,883	1,752	51,803
	Hotels	54	1,071,636	151,016	18,447,751	660,957	19,249,723
	Commercial	2,692	858,854	1,423,187	16,506,229	627,530	18,558,946
	Government/Federal	404	531,832	350,683	9,155,246	332,707	9,838,618
	Residential	39,547	1,739,911	13,937,865	24,073,904	1,330,405	39,341,974
	Residential Lifeline		1,681,066		5,488,265		5,488,265
	<b>Total Water</b>	<b>43,072</b>	<b>6,068,626</b>	<b>\$ 16,011,363</b>	<b>\$ 74,151,481</b>	<b>\$ 2,964,310</b>	<b>\$ 93,127,154</b>
	<b>Wastewater Revenues</b>						
	Commercial I	1,781	479,976		\$ 4,552,617	\$ 159,342	\$ 4,711,958
	Commercial II & Hotel	62	777,698		17,973,242	629,063	18,602,305
	Commercial III	267	165,294		5,298,045	185,432	5,483,477
	Government/Federal	250	968,045		13,132,741	459,646	13,592,387
	Residential	27,624	2,185,980		9,859,605		9,859,605
	<b>Total Wastewater</b>	<b>29,984</b>	<b>4,586,691</b>	<b>-</b>	<b>\$ 50,816,250</b>	<b>\$ 1,433,483</b>	<b>\$ 52,249,733</b>
	<b>Grand Total</b>			<b>\$ 16,011,363</b>	<b>\$ 124,967,731</b>	<b>\$ 4,397,793</b>	<b>\$ 145,376,886</b>



# GUAM WATERWORKS AUTHORITY

**GUAM WATERWORKS AUTHORITY**  
**Schedule B - Summary of Revenue**

	FY2023					
Water Revenues	Customers	Consumption (kGal)	Customer Chge	Consumption (\$\$\$)	Surcharge	Total Revenues
Agriculture/Irrigation	361	82,979	148,415	490,115	21,710	660,240
Golf Course	15	2,317	10,884	42,475	1,814	55,173
Hotels	54	1,071,638	161,636	19,648,855	673,488	20,481,979
Commercial	2,706	959,854	1,523,273	17,579,134	649,482	19,751,888
Government/Federal	408	531,832	375,323	8,750,337	344,272	10,469,833
Residential	38,745	1,739,911	14,917,831	25,638,708	1,378,922	41,935,461
Residential Lifeline		1,681,098		5,468,265		5,468,265
<b>Total Water</b>	<b>43,287</b>	<b>8,069,626</b>	<b>17,137,362</b>	<b>78,615,890</b>	<b>3,069,690</b>	<b>98,822,941</b>
<b>Wastewater Revenues</b>						
Commercial I	1,790	479,676		4,848,537	164,850	5,013,387
Commercial II & Hotel	62	777,696		19,141,503	650,811	18,782,314
Commercial III	269	165,294		5,642,418	191,842	5,834,261
Government/Federal	251	988,045		13,986,370	475,537	14,461,906
Residential	27,762	2,195,980		9,908,903		9,908,903
<b>Total Wastewater</b>	<b>30,134</b>	<b>4,596,691</b>	<b>-</b>	<b>53,527,730</b>	<b>1,463,040</b>	<b>55,010,770</b>
<b>Grand Total</b>		<b>10,665,317</b>	<b>17,137,362</b>	<b>132,143,620</b>	<b>4,552,730</b>	<b>153,833,711</b>



**GUAM WATERWORKS AUTHORITY**  
**Schedule B - Summary of Revenue**

FY2024						
Water Revenues	Customers	Consumption (kGal)	Customer Chrg	Consumption (\$\$\$)	Surcharge	Total Revenues
Agriculture/Irrigation	363	82,879	\$ 156,615	\$ 514,620	\$ 23,158	\$ 694,393
Golf Course	15	2,317	11,485	44,599	1,935	58,019
Hotels	54	1,071,638	170,566	20,629,197	717,592	21,517,356
Commercial	2,718	958,854	1,807,434	18,458,091	692,261	20,757,785
Government/Federal	408	531,832	386,080	10,237,854	366,870	11,000,784
Residential	39,944	1,739,911	15,742,041	26,920,643	1,471,863	44,134,547
Residential Lifeline		1,681,096		5,468,265		5,468,265
<b>Total Water</b>	<b>43,503</b>	<b>6,068,626</b>	<b>\$ 18,084,201</b>	<b>\$ 82,273,271</b>	<b>\$ 3,273,678</b>	<b>\$ 103,631,150</b>
<b>Wastewater Revenues</b>						
Commercial I	1,799	479,676		\$ 5,080,964	\$ 175,638	\$ 5,266,602
Commercial II & Hotel	62	777,696		20,088,578	693,401	20,791,979
Commercial III	270	165,294		5,924,539	204,397	6,128,936
Government/Federal	253	968,045		14,685,888	506,656	15,192,344
Residential	27,901	2,195,980		9,958,447		9,958,447
<b>Total Wastewater</b>	<b>30,285</b>	<b>4,586,691</b>	<b>-</b>	<b>\$ 55,758,216</b>	<b>\$ 1,580,092</b>	<b>\$ 57,338,308</b>
<b>Grand Total</b>				<b>138,031,487</b>	<b>\$ 4,853,770</b>	<b>\$ 160,969,458</b>



# GUAM WATERWORKS AUTHORITY

## GUAM WATERWORKS AUTHORITY Schedule C - Operating Expenses (Combined C1+C2+C3)

	PROJECTION				
	FY2020	FY2021	FY2022	FY2023	FY2024
<b>Water Purchases- Navy</b>	9,902,414	10,694,607	11,550,175	12,474,189	13,472,124
<b>Power Purchases</b>	14,935,381	15,234,089	15,538,771	15,849,546	16,166,537
<b>Salaries and Wages</b>					
Salaries and Wages & Benefits	27,199,775	28,677,206	29,340,741	30,018,089	30,709,538
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>27,199,775</b>	<b>28,677,206</b>	<b>29,340,741</b>	<b>30,018,089</b>	<b>30,709,538</b>
<b>Administrative &amp; General</b>					
Administrative & General Expenses	12,066,903	12,410,865	12,459,954	12,697,966	13,139,631
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>12,066,903</b>	<b>12,410,865</b>	<b>12,459,954</b>	<b>12,697,966</b>	<b>13,139,631</b>
<b>Contractual</b>					
Contractual charges	6,054,073	7,397,524	8,675,010	10,009,518	11,832,223
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>6,054,073</b>	<b>7,397,524</b>	<b>8,675,010</b>	<b>10,009,518</b>	<b>11,832,223</b>
<b>Depreciation</b>	21,962,670	22,271,032	22,300,621	22,648,171	24,038,420
<b>Retiree Benefits</b>	3,763,479	3,933,180	4,112,018	4,300,483	4,499,094
<b>Total Operating &amp; Maint. Expense</b>	<b>96,884,695</b>	<b>100,618,503</b>	<b>103,977,291</b>	<b>107,997,963</b>	<b>113,857,568</b>



# GUAM WATERWORKS AUTHORITY

## GUAM WATERWORKS AUTHORITY Schedule C1 - Operating Expenses (Water)

	FY2020	Projection			
		FY2021	FY2022	FY2023	FY2024
<b>Water Purchases</b>	9,902,414	10,694,607	11,550,175	12,474,189	13,472,124
<b>Power Purchases</b>	12,607,905	12,860,063	13,117,264	13,379,610	13,647,202
<b>Salaries and Wages</b>					
Salaries and Wages & Benefits	5,915,951	6,237,292	6,381,611	6,528,934	6,679,325
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>5,915,951</b>	<b>6,237,292</b>	<b>6,381,611</b>	<b>6,528,934</b>	<b>6,679,325</b>
<b>Administrative &amp; General</b>					
Administrative & General Expenses	2,172,043	2,233,956	2,242,792	2,285,634	2,365,134
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>2,172,043</b>	<b>2,233,956</b>	<b>2,242,792</b>	<b>2,285,634</b>	<b>2,365,134</b>
<b>Contractual</b>					
Contractual charges	1,029,192	1,257,579	1,474,752	1,701,618	2,011,478
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>1,029,192</b>	<b>1,257,579</b>	<b>1,474,752</b>	<b>1,701,618</b>	<b>2,011,478</b>
<b>Depreciation</b>	-	-	-	-	-
<b>Supplemental Annuities Benefits</b>	-	-	-	-	-
<b>Total O &amp; M. Expense</b>	<b>\$ 31,627,505</b>	<b>\$ 33,283,497</b>	<b>\$ 34,766,594</b>	<b>\$ 36,369,985</b>	<b>\$ 38,175,262</b>



# GUAM WATERWORKS AUTHORITY

**GUAM WATERWORKS AUTHORITY**  
**Schedule C2 - Operating Expenses (WasteWater)**

	Projection				
	FY2020	FY2021	FY2022	FY2023	FY2024
<b>Power Purchases</b>	2,174,118	2,217,600	2,261,952	2,307,191	2,353,335
<b>Salaries and Wages</b>					
Salaries and Wages & Benefits	5,643,953	5,950,520	6,088,204	6,228,753	6,372,229
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>5,643,953</b>	<b>5,950,520</b>	<b>6,088,204</b>	<b>6,228,753</b>	<b>6,372,229</b>
<b>Administrative &amp; General</b>					
Administrative & General Expenses	2,534,050	2,606,282	2,616,590	2,666,573	2,759,322
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>2,534,050</b>	<b>2,606,282</b>	<b>2,616,590</b>	<b>2,666,573</b>	<b>2,759,322</b>
<b>Contractual</b>					
Contractual charges	2,058,385	2,515,158	2,949,504	3,403,236	4,022,956
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>2,058,385</b>	<b>2,515,158</b>	<b>2,949,504</b>	<b>3,403,236</b>	<b>4,022,956</b>
<b>Depreciation</b>	-	-	-	-	-
<b>Supplemental Annuities Benefits</b>	-	-	-	-	-
<b>Total O &amp; M Expense</b>	<b>\$ 12,410,505</b>	<b>\$ 13,289,560</b>	<b>\$ 13,916,250</b>	<b>\$ 14,605,753</b>	<b>\$ 15,507,843</b>



# GUAM WATERWORKS AUTHORITY

## GUAM WATERWORKS AUTHORITY Schedule C3 - Operating Expenses (OPERATIONS SUPPORT)

	Projection				
	FY2020	FY2021	FY2022	FY2023	FY2024
<b>Power Purchases - GPA</b>					
	153,359	156,426	159,554	162,745	166,000
<b>Salaries and Wages</b>					
Salaries and Wages & Benefits	15,639,871	16,489,394	16,870,926	17,260,401	17,657,984
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>15,639,871</b>	<b>16,489,394</b>	<b>16,870,926</b>	<b>17,260,401</b>	<b>17,657,984</b>
<b>Administrative &amp; General</b>					
Administrative & General Expenses	7,360,811	7,570,628	7,600,572	7,745,759	8,015,175
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>7,360,811</b>	<b>7,570,628</b>	<b>7,600,572</b>	<b>7,745,759</b>	<b>8,015,175</b>
<b>Contractual</b>					
Contractual charges	2,966,496	3,624,787	4,250,755	4,904,664	5,797,789
<i>Intentionally Left Blank</i>					
<b>Subtotal</b>	<b>2,966,496</b>	<b>3,624,787</b>	<b>4,250,755</b>	<b>4,904,664</b>	<b>5,797,789</b>
<b>Depreciation</b>					
	21,962,670	22,271,032	22,300,621	22,648,171	24,038,420
<b>Supplemental Annuities Benefits</b>					
	3,763,479	3,933,180	4,112,018	4,300,483	4,499,094
<b>Total O &amp; M Expense</b>	<b>\$ 51,846,684</b>	<b>\$ 54,045,445</b>	<b>\$ 55,294,447</b>	<b>\$ 57,022,224</b>	<b>\$ 60,174,463</b>





# GUAM WATERWORKS AUTHORITY

## NAVY WATER PURCHASES SCHEDULE D

Description	Projection				
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
<b>Water Purchases</b>					
Navy Contract (FENA)	753,303	753,303	753,303	753,303	753,303
Purchased kGal					
Rate Per Kgal	\$ 13.15	\$ 14.20	\$ 15.33	\$ 16.56	\$ 17.88
% Increase	8%	8%	8%	8%	8%
Total Purchase Costs	9,902,414	10,694,607	11,550,175	12,474,189	13,472,124
<b>Total Costs</b>	<b>\$ 9,902,414</b>	<b>\$ 10,694,607</b>	<b>\$ 11,550,175</b>	<b>\$ 12,474,189</b>	<b>\$ 13,472,124</b>



# GUAM WATERWORKS AUTHORITY

**Guam Waterworks Authority  
Schedule F - Debt Service**

	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>
<b>Senior Lien Debt Service</b>							
Series 2010 Revenue Bonds - Principal	1,725,000	1,800,000	1,885,000	-	-	-	-
Series 2010 Revenue Bonds - Interest	262,375	184,750	94,750	-	-	-	-
<b>Total</b>	<b>1,987,375</b>	<b>1,984,750</b>	<b>1,989,750</b>	-	-	-	-
<b>Series 2013 Revenue Bonds - Principal</b>	-	-	2,885,000	2,840,000	2,980,000	3,145,000	3,315,000
Series 2013 Revenue Bonds - Interest	9,331,688	9,331,688	9,331,688	9,190,200	8,041,100	8,884,125	8,719,013
<b>Total</b>	<b>9,331,688</b>	<b>9,331,688</b>	<b>12,028,688</b>	<b>12,030,200</b>	<b>12,031,100</b>	<b>12,028,125</b>	<b>12,034,013</b>
<b>Series 2014 Refunding Revenue Bonds - Principal</b>	3,475,000	3,620,000	3,760,000	530,000	555,000	4,005,000	4,205,000
Series 2014 Refunding Revenue Bonds - Interest	3,694,847	3,588,477	3,445,000	3,257,000	3,230,500	3,202,750	3,002,500
<b>Total</b>	<b>7,169,847</b>	<b>7,208,477</b>	<b>7,205,000</b>	<b>3,787,000</b>	<b>3,785,500</b>	<b>7,207,750</b>	<b>7,207,500</b>
<b>Series 2016 Revenue Bonds - Principal</b>	-	-	420,000	3,860,000	4,055,000	835,000	875,000
Series 2016 Revenue Bonds - Interest	7,165,500	7,165,500	7,165,500	7,144,500	6,951,500	6,748,750	6,707,000
<b>Total</b>	<b>7,165,500</b>	<b>7,165,500</b>	<b>7,585,500</b>	<b>11,004,500</b>	<b>11,006,500</b>	<b>7,583,750</b>	<b>7,582,000</b>
<b>Series 2017 Refunding Bonds - Principal</b>	-	295,000	-	2,040,000	2,145,000	2,250,000	2,365,000
Series 2017 Refunding Bonds - Interest	2,855,981	5,383,000	5,368,250	5,368,250	5,266,250	5,159,000	5,048,500
<b>Total</b>	<b>2,855,981</b>	<b>5,678,000</b>	<b>5,368,250</b>	<b>7,408,250</b>	<b>7,411,250</b>	<b>7,409,000</b>	<b>7,411,500</b>
<b>Series 2020 Revenue Bonds - Principal</b>	-	-	-	-	2,294,419	2,409,140	2,529,597
Series 2020 Revenue Bonds - Interest	-	-	6,700,000	6,700,000	6,675,366	6,556,940	6,436,104
<b>Total</b>	-	-	<b>6,700,000</b>	<b>6,700,000</b>	<b>8,969,785</b>	<b>8,966,080</b>	<b>8,965,701</b>
<b>Series 2022 Revenue Bonds - Principal</b>	-	-	-	-	-	-	1,027,352
Series 2022 Revenue Bonds - Interest	-	-	-	-	3,000,000	3,000,000	2,988,970
<b>Total</b>	-	-	-	-	<b>3,000,000</b>	<b>3,000,000</b>	<b>4,016,322</b>
<b>Series 2023 Revenue Bonds - Principal</b>	-	-	-	-	-	-	-
Series 2023 Revenue Bonds - Interest	-	-	-	-	-	3,300,000	3,300,000
<b>Total</b>	-	-	-	-	-	<b>3,300,000</b>	<b>3,300,000</b>
<b>Bond Debt Service</b>	<b>28,510,390</b>	<b>31,368,415</b>	<b>40,875,188</b>	<b>40,929,950</b>	<b>46,204,135</b>	<b>49,495,705</b>	<b>50,517,036</b>
<b>Senior Lien - Bond Debt Service</b>							
Principal	5,200,000	5,715,000	6,770,000	9,270,000	12,039,419	12,644,140	14,318,949
Interest	23,310,390	25,653,415	32,105,188	31,659,950	34,164,716	36,851,565	36,200,087
Less: Capitalized Interest	(1,771,471)	-	(6,700,000)	(6,700,000)	(3,000,000)	(6,300,000)	(3,300,000)
Interest Net of Cap I	21,538,920	25,653,415	25,405,188	24,959,950	31,164,716	30,551,565	32,900,087
Debt Service- Bonds Net of Cap I	26,738,920	31,368,415	34,175,188	34,229,950	43,204,135	43,195,705	47,217,036
<b>Subordinate Loan- Bank of Guam</b>							
Principal	3,018,019	3,180,334	2,780,552	-	-	-	-
Interest	388,458	237,144	67,345	-	-	-	-
<b>Bank of Guam Debt Service</b>	<b>3,417,477</b>	<b>3,417,477</b>	<b>2,847,898</b>	-	-	-	-
<b>Total Principal -Bonds and BOG</b>	<b>8,218,019</b>	<b>8,895,334</b>	<b>11,550,552</b>	<b>9,270,000</b>	<b>12,039,419</b>	<b>12,644,140</b>	<b>14,318,949</b>
<b>Total Interest -Bonds and BOG</b>	<b>23,708,849</b>	<b>25,890,558</b>	<b>32,172,533</b>	<b>31,659,950</b>	<b>34,164,716</b>	<b>36,851,565</b>	<b>36,200,087</b>
<b>Total Debt Service-Bonds and Bank of Guam</b>	<b>31,927,868</b>	<b>34,785,892</b>	<b>43,723,085</b>	<b>40,929,950</b>	<b>46,204,135</b>	<b>49,495,705</b>	<b>50,517,036</b>



# GUAM WATERWORKS AUTHORITY

## REVENUE FUNDED PROJECTS SCHEDULE G

	ACTUAL		PROJECTION	
	2018	2019	2020	
<b>WATER</b>				
PRV	198,043	47,800		
Main Lines & Valves	140,286	449,641		
Hydrants	183,669	258,969		
Pumps & Motors	801,202	736,868		300,000
Pipes				
Pumping Equipments		65,460		
Submersible Cables		165,000		
Leak Detection & Equipment		88,330		
Facility Improvements		250,000		
	<b>1,123,200</b>	<b>2,061,866</b>		<b>300,000</b>
<b>WASTEWATER</b>				
Pumps & Motors	250,000	220,673		400,000
Spare Parts & Equipment	-	42,818		
Pipes				
Collection System Replacements		30,000		
Emergency Replacements	500,000			
Treatment Plant Improvement	250,000	171,015		
	<b>1,000,000</b>	<b>464,507</b>		<b>400,000</b>
<b>UTILITY SERVICES</b>				
Meter Replacements - Small Meter	1,546,688	448,930		1,000,000
Large Meters > 2"				
	<b>1,546,688</b>	<b>448,930</b>		<b>1,000,000</b>
<b>Transportation</b>				
1. Light Fleet	521,910	928,050		550,000
2. Heavy Equipment		776,050		
	<b>521,910</b>	<b>1,704,100</b>		<b>550,000</b>
<b>Information Technology</b>				
1. Applications Software - Implementation		284,373		2,000,000
2. New Hardware		426,145		250,000
	-	<b>720,518</b>		<b>2,250,000</b>
<b>Other Projects</b>				
1. Facility Renovations		100,000		500,000
	-	<b>100,000</b>		<b>500,000</b>
<b>TOTAL</b>	<b>4,191,788</b>	<b>5,500,000</b>		<b>5,000,000</b>



# GUAM WATERWORKS AUTHORITY

## WORKING CAPITAL SCHEDULE H

	PROJECTION				
	FY2020	FY2021	FY2022	FY2023	FY2024
<b>Accounts Receivable, Net</b>					
Accounts Receivable	(1,923,129)	(1,177,630)	(1,328,319)	(1,042,622)	(879,750)
<i>Intentionally Left Blank</i>					
<b>Accounts Payable</b>					
Accounts Payable	1,436,060	545,603	410,449	452,851	551,017
<i>Intentionally Left Blank</i>					
<b>Other Cash Flow Items</b>					
Materials & Supplies Inventory	(419,087)	62,273	(23,778)	(7,891)	-
Prepaid Expenses	22,621	29,590	11,769	(29,277)	8,676
Customer Deposits	5,214	(1,966)	(2,451)	1,518	579
<i>Intentionally Left Blank</i>					
<b>Increase/(Decrease) in Working Capital</b>	<b>(878,321)</b>	<b>(542,131)</b>	<b>(932,330)</b>	<b>(625,422)</b>	<b>(319,479)</b>



**GUAM WATERWORKS AUTHORITY**

**FY 2020 WATER REVENUE**  
**Schedule J1- Proof of Revenues (Water)**

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE <	NON-LIFELINE RATE >	NO. OF CUSTOMERS	TOTAL CONSUMPTION (kGal)	LIFELINE (kGal)	NON-LIFELINE (kGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL
R Residential	3/4"	24.82	3.01	11.81	38,646	3,148,003	1,857,216	1,480,788	\$ 11,508,130	\$ 4,991,285	\$ 17,902,802	\$ 34,102,218	\$ 1,047,994	\$ 35,150,211
	1"	28.95	3.01	11.81	343	37,599	15,096	22,502	119,304	45,488	265,700	430,472	13,860	444,332
	1 1/2"	45.44	3.01	11.81	103	44,745	5,425	39,320	66,076	16,339	484,281	536,896	18,733	555,429
	2"	57.88	3.01	11.81	28	39,323	1,352	36,971	19,545	4,071	438,546	480,162	16,419	476,582
	3"	103.37	3.01	11.81	10	23,469	480	22,989	12,051	1,448	271,443	284,940	10,208	295,148
	4"	144.88	3.01	11.81	14	71,945	889	71,048	25,010	2,708	838,866	866,604	31,100	897,704
	6"	288.71	3.01	11.81	10	54,398	566	53,830	31,326	1,710	635,609	688,645	24,010	692,655
	8"	392.70	3.01	11.81	1	2,526	80	2,486	4,738	181	29,113	34,030	1,219	35,248
	10"	537.40	3.01	11.81	-	-	-	-	-	-	-	-	-	-
	12"	840.71	3.01	11.81	-	-	-	-	-	-	-	-	-	-
					<b>38,155</b>	<b>3,421,007</b>	<b>1,881,086</b>	<b>1,739,911</b>	<b>\$ 11,776,179</b>	<b>\$ 5,063,209</b>	<b>\$ 20,544,388</b>	<b>\$ 37,363,787</b>	<b>\$ 1,163,540</b>	<b>\$ 38,547,307</b>
	C Commercial	3/4"	24.82	-	14.88	1,720	272,866	-	272,866	512,259	-	4,005,653	4,517,913	182,645
1"		28.95	-	14.88	322	71,990	-	71,990	111,738	-	1,067,586	1,169,324	42,086	1,211,420
1 1/2"		45.44	-	14.88	333	144,810	-	144,810	181,746	-	2,127,352	2,308,098	83,128	2,392,226
2"		57.88	-	14.88	162	132,473	-	132,473	112,363	-	1,946,121	2,059,504	74,106	2,132,610
3"		103.37	-	14.88	33	73,374	-	73,374	40,725	-	1,077,920	1,118,645	40,271	1,158,916
4"		144.88	-	14.88	53	109,234	-	109,234	92,480	-	1,604,715	1,697,185	81,096	1,778,281
6"		288.71	-	14.88	36	73,838	-	73,838	114,502	-	1,084,738	1,199,240	43,173	1,242,412
8"		392.70	-	14.88	5	72,320	-	72,320	23,680	-	1,062,427	1,086,107	39,100	1,125,208
10"		537.40	-	14.88	2	8,148	-	8,148	12,962	-	118,706	132,668	4,776	137,444
12"		840.71	-	14.88	-	-	-	-	-	-	-	-	-	-
					<b>2,668</b>	<b>958,854</b>	<b>-</b>	<b>958,854</b>	<b>1,202,476</b>	<b>-</b>	<b>14,088,217</b>	<b>15,288,693</b>	<b>680,393</b>	<b>15,839,086</b>
F Federal		3/4"	24.82	-	14.88	6	1,066	-	1,066	1,796	-	15,979	17,775	840
	1"	28.95	-	14.88	3	341	-	341	1,048	-	5,016	6,063	216	6,282
	1 1/2"	45.44	-	14.88	1	33	-	33	548	-	482	1,030	37	1,067
	2"	57.88	-	14.88	3	432	-	432	2,084	-	6,339	8,433	304	8,737
	3"	103.37	-	14.88	1	222	-	222	1,247	-	3,255	4,502	162	4,664
	4"	144.88	-	14.88	-	-	-	-	-	-	-	-	-	-
	6"	288.71	-	14.88	-	-	-	-	-	-	-	-	-	-
	8"	392.70	-	14.88	-	-	-	-	-	-	-	-	-	-
	10"	537.40	-	14.88	-	-	-	-	-	-	-	-	-	-
	12"	840.71	-	14.88	-	-	-	-	-	-	-	-	-	-
					<b>14</b>	<b>2,115</b>	<b>-</b>	<b>2,115</b>	<b>6,732</b>	<b>-</b>	<b>31,072</b>	<b>37,804</b>	<b>1,361</b>	<b>39,164</b>
	<b>SUBTOTAL FY2020:</b>													
				<b>41,834</b>	<b>4,381,876</b>	<b>1,681,086</b>	<b>2,700,890</b>	<b>12,985,387</b>	<b>5,063,209</b>	<b>34,881,668</b>	<b>52,710,264</b>	<b>1,715,294</b>	<b>54,425,558</b>	



**GUAM WATERWORKS AUTHORITY**

**FY 2020 WATER REVENUE**  
Schedule J1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5kGal	NON-LIFELINE RATE > 5kGal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (kgal)		NON-LIFELINE (kgal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
						LIFELINE (kgal)	NON-LIFELINE (kgal)								
G Government	3/4"	24.82	-	-	149	13,476	-	13,476	\$ 44,492	\$	\$	242,470	\$ 8,729	\$ 251,199	
	1"	28.95	-	-	42	8,536	-	8,536	14,433	-	125,393	139,826	5,034	144,860	
	1 1/2"	45.44	-	-	75	32,352	-	32,352	46,733	-	475,272	516,005	18,576	534,581	
	2"	57.88	-	-	45	52,554	-	52,554	31,179	-	772,053	803,232	28,916	832,148	
	3"	103.37	-	-	27	61,093	-	61,093	33,245	-	897,491	930,736	33,506	964,242	
	4"	144.89	-	-	30	210,757	-	210,757	52,828	-	3,096,169	3,149,098	113,368	3,262,465	
	6"	288.71	-	-	12	101,877	-	101,877	38,887	-	1,486,538	1,536,524	55,279	1,590,803	
	8"	382.70	-	-	3	18,127	-	18,127	14,208	-	280,992	295,200	10,827	305,827	
	10"	537.40	-	-	3	28,946	-	28,946	19,443	-	439,921	459,364	16,537	475,902	
	12"	640.71	-	-	-	-	-	-	-	-	-	-	-	-	-
						<b>386</b>	<b>929,717</b>		<b>929,717</b>	<b>289,549</b>		<b>7,781,905</b>	<b>8,071,455</b>	<b>290,572</b>	<b>8,382,027</b>
	H Hotel	3/4"	24.82	-	-	2	6	-	6	688	-	89	787	28	815
1"		28.95	-	-	2	2,067	-	2,067	913	-	30,372	31,285	1,126	32,412	
1 1/2"		45.44	-	-	5	121,195	-	121,195	3,257	-	1,780,434	1,783,692	64,213	1,847,905	
2"		57.88	-	-	4	4,924	-	4,924	4,571	-	72,337	76,909	2,769	79,677	
3"		103.37	-	-	18	123,182	-	123,182	31,408	-	1,809,633	1,841,041	66,277	1,907,319	
4"		144.89	-	-	16	553,013	-	553,013	51,850	-	8,124,136	8,175,985	284,335	8,470,321	
6"		288.71	-	-	6	166,793	-	166,793	28,416	-	2,450,303	2,478,719	88,234	2,567,953	
8"		382.70	-	-	1	100,457	-	100,457	6,481	-	1,475,785	1,482,266	53,362	1,535,627	
10"		537.40	-	-	-	-	-	-	-	-	-	-	-	-	
12"		640.71	-	-	-	-	-	-	-	-	-	-	-	-	
						<b>53</b>	<b>1,071,838</b>		<b>1,071,838</b>	<b>127,596</b>		<b>15,743,088</b>	<b>15,870,894</b>	<b>571,345</b>	<b>16,442,029</b>
G Golf		3/4"	24.82	-	-	8	85	-	85	2,284	-	962	3,257	117	3,374
	1"	28.95	-	-	-	-	-	-	-	-	-	-	-	-	
	1 1/2"	45.44	-	-	3	210	-	210	1,644	-	3,078	4,722	170	4,862	
	2"	57.88	-	-	2	1,802	-	1,802	1,163	-	28,468	27,629	895	28,624	
	3"	103.37	-	-	-	-	-	-	-	-	-	-	-	-	
	4"	144.89	-	-	2	240	-	240	3,480	-	3,530	7,020	253	7,272	
	6"	288.71	-	-	-	-	-	-	-	-	-	-	-	-	
	8"	382.70	-	-	-	-	-	-	-	-	-	-	-	-	
	10"	537.40	-	-	-	-	-	-	-	-	-	-	-	-	
	12"	640.71	-	-	-	-	-	-	-	-	-	-	-	-	
						<b>14</b>	<b>2,317</b>		<b>2,317</b>	<b>8,992</b>		<b>34,036</b>	<b>42,827</b>	<b>1,535</b>	<b>44,162</b>
	<b>SUBTOTAL FY2020:</b>					<b>464</b>	<b>1,603,872</b>		<b>1,603,872</b>	<b>425,737</b>		<b>23,559,029</b>	<b>23,984,766</b>	<b>863,452</b>	<b>24,948,218</b>



# GUAM WATERWORKS AUTHORITY

**FY 2020 WATER REVENUE**  
**Schedule J1- Proof of Revenues (Water)**

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5kGal	NON-LIFELINE RATE > 5kGal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (kGal)	LIFELINE (kGal)	NON-LIFELINE (kGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
A	Agriculture	3/4"	23.98	-	4.72	258	35,218	-	35,218	74,218	-	240,376	8,664	249,028	
		1"	27.97	-	4.72	38	11,378	-	11,378	12,933	-	60,613	2,398	63,011	
		1 1/2"	43.90	-	4.72	22	25,803	-	25,803	11,471	-	133,208	4,785	138,003	
		2"	55.92	-	4.72	11	3,076	-	3,076	7,419	-	21,933	790	22,723	
		3"	99.88	-	4.72	-	-	-	-	-	-	-	-	-	-
		4"	138.78	-	4.72	-	-	-	-	-	-	-	-	-	-
		6"	258.62	-	4.72	-	-	-	-	-	-	-	-	-	-
		8"	379.42	-	4.72	-	-	-	-	-	-	-	-	-	-
		10"	519.23	-	4.72	-	-	-	-	-	-	-	-	-	-
		12"	618.04	-	4.72	-	-	-	-	-	-	-	-	-	-
							<b>329</b>	<b>75,476</b>	<b>-</b>	<b>75,476</b>	<b>106,039</b>	<b>-</b>	<b>462,130</b>	<b>16,037</b>	<b>478,167</b>
		I	Irrigation	3/4"	24.82	-	4.88	14	2,890	-	2,890	4,090	-	18,201	655
1"	28.95			-	4.88	5	702	-	702	1,746	-	5,172	186	5,358	
1 1/2"	45.44			-	4.88	2	1,856	-	1,856	1,066	-	8,181	330	8,511	
2"	57.88			-	4.88	6	2,256	-	2,256	4,188	-	15,205	547	15,753	
3"	103.37			-	4.88	-	-	-	-	-	-	-	-	-	-
4"	144.09			-	4.88	-	-	-	-	-	-	-	-	-	-
6"	266.71			-	4.88	-	-	-	-	-	-	-	-	-	-
8"	392.70			-	4.88	-	-	-	-	-	-	-	-	-	-
10"	537.40			-	4.88	-	-	-	-	-	-	-	-	-	-
12"	640.71			-	4.88	-	-	-	-	-	-	-	-	-	-
							<b>27</b>	<b>7,503</b>	<b>-</b>	<b>7,503</b>	<b>11,120</b>	<b>-</b>	<b>47,759</b>	<b>1,719</b>	<b>49,479</b>
<b>SUBTOTAL FY2020:</b>							<b>356</b>	<b>82,979</b>	<b>-</b>	<b>82,979</b>	<b>117,159</b>	<b>-</b>	<b>509,890</b>	<b>18,356</b>	<b>528,246</b>
<b>GRAND TOTAL FY2020</b>					<b>42,644</b>	<b>6,068,626</b>	<b>1,651,096</b>	<b>4,387,530</b>	<b>\$ 13,528,293</b>	<b>\$ 5,063,208</b>	<b>\$ 59,613,428</b>	<b>\$ 77,204,920</b>	<b>\$ 2,597,102</b>	<b>\$ 79,802,022</b>	



**GUAM WATERWORKS AUTHORITY**

**FY2020 WASTEWATER REVENUE  
Schedule J2- Proof of Revenues (Wastewater)**

	BASIC RATE/ LIFELINE	NON-LIFELINE RATE	NO. OF CUSTOMERS	NON-LIFELINE CONSUMPTION (MG34)	BASIC	NON-LIFELINE	WASTEWATER	SURCHARGE	TOTAL
Residential	\$ 27.54		27,250	2,195,980	\$ 9,039,851	\$	\$	\$	9,039,851
Commercial 1	\$	\$ 8.10	1,753	479,878	3,885,148	139,885			4,025,014
Commercial 2	\$	\$ 19.72	81	777,898	15,338,148	552,173			15,890,321
Commercial 3	\$	\$ 27.35	285	185,294	4,521,288	182,768			4,684,055
Navy/Airforce	\$	\$ 11.58	11	659,338	7,833,348	274,800			7,908,147
Government	\$	\$ 11.58	237	308,708	3,573,977	128,663			3,702,640
<b>Totals at Current Rates</b>			<b>29,857</b>	<b>4,588,891</b>	<b>\$ 9,039,851</b>	<b>\$ 34,951,808</b>	<b>\$ 1,258,239</b>	<b>\$</b>	<b>\$ 45,249,898</b>



# GUAM WATERWORKS AUTHORITY

**FY 2021 WATER REVENUE**  
**Schedule J1- Proof of Revenues (Water)**

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < BSGM	NON-LIFELINE RATE > BSGM	TOTAL CONSUMPTION (RCM)	LIFELINE (RCM)	NON-LIFELINE (RCM)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
														NO. OF CUSTOMERS
R Residential	3/4"	26.92	3.01	12.81	3,148,003	1,657,216	1,490,788	\$ 12,548,753	\$ 4,991,265	\$ 19,089,040	\$ 38,639,076	\$ 1,139,321	\$ 37,778,399	
	1"	31.41	3.01	12.81	37,569	15,068	22,502	130,092	45,488	280,265	483,946	15,062	478,908	
	1 1/2"	49.30	3.01	12.81	44,745	5,425	39,320	81,147	16,339	503,744	591,231	20,336	601,567	
	2"	62.80	3.01	12.81	38,323	1,352	36,971	21,312	4,071	479,652	17,819	17,819	518,855	
	3"	112.16	3.01	12.81	23,469	480	22,989	13,141	1,446	294,516	309,102	11,076	320,178	
	4"	156.98	3.01	12.81	71,945	699	71,246	27,272	2,708	940,171	1,011,443	33,749	1,045,192	
	6"	291.55	3.01	12.81	54,398	568	53,830	34,159	1,710	689,638	743,497	26,057	769,554	
	8"	426.08	3.01	12.81	2,528	60	2,468	5,164	181	31,588	36,933	1,323	38,266	
	10"	563.08	3.01	12.81	-	-	-	-	-	-	-	-	-	-
	12"	695.17	3.01	12.81	-	-	-	-	-	-	-	-	-	-
					<b>39,351</b>	<b>1,681,096</b>	<b>1,730,811</b>	<b>12,841,040</b>	<b>5,063,209</b>	<b>22,390,652</b>	<b>40,194,891</b>	<b>1,294,741</b>	<b>41,489,632</b>	
	C Commercial	3/4"	26.92	-	15.94	1,729	272,666	272,666	\$ 558,890	\$ -	\$ 4,346,134	\$ 4,904,714	\$ 176,570	\$ 5,081,284
1"		31.41	-	15.94	323	71,990	71,990	121,842	-	1,147,480	1,269,323	46,696	1,315,019	
1 1/2"		49.30	-	15.94	335	144,610	144,610	198,160	-	2,306,177	2,504,338	90,229	2,594,567	
2"		62.80	-	15.94	163	132,473	132,473	122,545	-	2,111,541	2,234,086	80,427	2,314,513	
3"		112.16	-	15.94	33	73,374	73,374	44,407	-	1,166,544	1,239,951	43,702	1,283,653	
4"		156.98	-	15.94	54	109,234	109,234	100,643	-	1,741,116	1,841,959	66,311	1,908,270	
6"		291.55	-	15.94	36	73,638	73,638	124,858	-	1,176,940	1,301,798	46,865	1,348,663	
8"		426.08	-	15.94	5	72,320	72,320	25,621	-	1,152,733	1,225,054	42,426	1,267,480	
10"		563.08	-	15.94	2	6,148	6,148	14,134	-	129,681	144,015	5,185	149,199	
12"		695.17	-	15.94	-	-	-	-	-	-	-	-	-	-
					<b>2,678</b>	<b>859,854</b>	<b>859,854</b>	<b>1,311,210</b>	<b>-</b>	<b>15,283,546</b>	<b>16,594,756</b>	<b>597,411</b>	<b>17,192,167</b>	
F Federal		3/4"	26.92	-	15.94	6	1,038	1,038	\$ 1,958	\$ -	\$ 17,337	\$ 19,295	\$ 695	\$ 19,990
	1"	31.41	-	15.94	3	341	341	1,142	-	5,442	6,585	237	6,822	
	1 1/2"	49.30	-	15.94	3	432	432	2,263	-	6,876	1,120	40	1,161	
	2"	62.80	-	15.94	1	222	222	1,359	-	3,532	4,892	176	5,068	
	3"	112.16	-	15.94	-	-	-	-	-	-	-	-	-	
	4"	156.98	-	15.94	-	-	-	-	-	-	-	-	-	
	6"	291.55	-	15.94	-	-	-	-	-	-	-	-	-	
	8"	426.08	-	15.94	-	-	-	-	-	-	-	-	-	
	10"	563.08	-	15.94	-	-	-	-	-	-	-	-	-	
	12"	695.17	-	15.94	-	-	-	-	-	-	-	-	-	
					<b>14</b>	<b>2,115</b>	<b>2,115</b>	<b>7,941</b>	<b>-</b>	<b>33,713</b>	<b>41,653</b>	<b>1,478</b>	<b>42,531</b>	
	<b>SUBTOTAL FY2021:</b>													
				<b>42,044</b>	<b>1,681,096</b>	<b>2,700,888</b>	<b>14,159,891</b>	<b>5,063,209</b>	<b>37,697,910</b>	<b>56,830,710</b>	<b>1,863,630</b>	<b>58,694,340</b>		



**GUAM WATERWORKS AUTHORITY**

**FY 2021 WATER REVENUE**  
**Schedule J1- Proof of Revenues (Water)**

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < S/Gal	NON-LIFELINE RATE > S/Gal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (kgal)	LIFELINE (kgal)	NON-LIFELINE (kgal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL
G	Government													
	3/4"	26.92	-	-	150	13,476	-	13,476	48,515	-	214,806	263,321	9,480	272,801
	1"	31.41	-	-	42	8,538	-	8,538	15,738	-	136,052	151,790	5,484	157,274
	1 1/2"	46.30	-	-	75	32,352	-	32,352	44,416	-	515,670	590,086	20,163	590,249
	2"	62.80	-	-	45	52,554	-	52,554	33,988	-	871,678	903,056	31,390	903,056
	3"	112.16	-	-	27	81,063	-	81,063	36,251	-	973,778	1,010,029	38,361	1,048,390
	4"	156.98	-	-	31	210,757	-	210,757	57,715	-	3,359,343	3,417,058	123,014	3,640,072
	6"	291.55	-	-	12	101,877	-	101,877	42,404	-	1,623,650	1,696,254	59,965	1,726,239
	8"	426.06	-	-	3	16,127	-	16,127	15,493	-	304,878	320,369	11,533	331,902
	10"	583.06	-	-	3	29,946	-	29,946	21,201	-	477,315	499,516	17,947	516,463
	12"	695.17	-	-	388	523,717	-	523,717	315,732	-	8,443,367	8,759,099	316,326	9,074,427
	H	Hotel												
3/4"		26.92	-	-	2	6	-	6	762	-	96	858	31	889
1"		31.41	-	-	2	2,067	-	2,067	886	-	32,954	33,950	1,222	35,172
1 1/2"		46.30	-	-	5	121,195	-	121,195	3,532	-	1,931,771	1,935,323	69,672	2,004,995
2"		62.80	-	-	4	4,924	-	4,924	4,984	-	78,488	83,471	3,005	86,476
3"		112.16	-	-	18	123,182	-	123,182	34,248	-	1,963,452	1,997,700	71,917	2,069,617
4"		156.98	-	-	16	553,013	-	553,013	58,538	-	8,614,687	8,871,226	319,364	9,190,590
6"		291.55	-	-	6	186,793	-	186,793	30,886	-	2,653,579	2,689,564	96,824	2,786,388
8"		426.06	-	-	1	100,457	-	100,457	7,067	-	1,601,227	1,608,294	57,699	1,666,192
10"		583.06	-	-	54	1,071,638	-	1,071,638	139,134	-	17,981,291	17,220,384	619,934	17,840,318
12"		695.17	-	-	8	65	-	65	2,502	-	1,044	3,546	128	3,674
G		Golf												
	3/4"	26.92	-	-	3	210	-	210	1,793	-	3,340	5,132	185	5,317
	1"	31.41	-	-	2	1,802	-	1,802	1,289	-	28,715	29,984	1,078	31,063
	1 1/2"	46.30	-	-	2	240	-	240	3,605	-	3,630	7,635	275	7,910
	2"	62.80	-	-	-	-	-	-	-	-	-	-	-	-
	3"	112.16	-	-	-	-	-	-	-	-	-	-	-	-
	4"	156.98	-	-	-	-	-	-	-	-	-	-	-	-
	6"	291.55	-	-	-	-	-	-	-	-	-	-	-	-
	8"	426.06	-	-	-	-	-	-	-	-	-	-	-	-
	10"	583.06	-	-	-	-	-	-	-	-	-	-	-	-
	12"	695.17	-	-	-	-	-	-	-	-	-	-	-	-
	<b>SUBTOTAL FY2021:</b>													



**GUAM WATERWORKS AUTHORITY**

**FY 2021 WATER REVENUE**  
 Schedule J1- Proof of Revenue (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5Gpd	NON-LIFELINE RATE > 5Gpd	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGd)	LIFELINE (KGd)		NON-LIFELINE (KGd)		BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
							LIFELINE (KGd)	NON-LIFELINE (KGd)	LIFELINE (KGd)	NON-LIFELINE (KGd)							
A	Agriculture	3/4"	26.01	-	5.12	259	35,216	-	35,216	-	80,927	80,927	180,293	261,210	9,404	270,614	
		1"	30.35	-	5.12	39	11,378	-	11,378	-	14,102	14,102	58,243	72,345	2,604	74,949	
		1 1/2"	47.63	-	5.12	22	25,803	-	25,803	-	12,509	12,509	132,094	144,593	5,205	149,798	
		2"	60.88	-	5.12	11	3,076	-	3,076	-	8,090	8,090	15,749	23,838	966	24,804	
		3"	108.37	-	5.12	-	-	-	-	-	-	-	-	-	-	-	-
		4"	151.88	-	5.12	-	-	-	-	-	-	-	-	-	-	-	-
		6"	281.89	-	5.12	-	-	-	-	-	-	-	-	-	-	-	-
		8"	411.67	-	5.12	-	-	-	-	-	-	-	-	-	-	-	-
		10"	593.36	-	5.12	-	-	-	-	-	-	-	-	-	-	-	-
		12"	671.86	-	5.12	-	-	-	-	-	-	-	-	-	-	-	-
								75,475	-	75,475	-	116,628	116,628	396,359	501,897	16,672	520,058
		I	Irrigation	3/4"	26.02	-	5.30	14	2,890	-	2,890	-	4,460	4,460	15,310	19,770	712
1"	31.41			-	5.30	5	702	-	702	-	1,904	1,904	3,718	5,621	202	5,824	
1 1/2"	49.30			-	5.30	2	1,656	-	1,656	-	1,195	1,195	8,772	9,967	359	10,326	
2"	82.80			-	5.30	6	2,258	-	2,258	-	4,967	4,967	11,954	16,921	595	17,516	
3"	112.16			-	5.30	-	-	-	-	-	-	-	-	-	-	-	-
4"	158.98			-	5.30	-	-	-	-	-	-	-	-	-	-	-	-
6"	281.85			-	5.30	-	-	-	-	-	-	-	-	-	-	-	-
8"	426.08			-	5.30	-	-	-	-	-	-	-	-	-	-	-	-
10"	593.08			-	5.30	-	-	-	-	-	-	-	-	-	-	-	-
12"	683.17			-	5.30	-	-	-	-	-	-	-	-	-	-	-	-
						7,503	-	7,503	-	12,126	12,126	39,794	51,878	1,883	53,747		
<b>SUBTOTAL FY2021:</b>						331	82,879	-	82,879	-	127,753	127,753	426,112	553,898	19,555	573,805	
<b>GRAND TOTAL FY2021:</b>						662	1,651,008	-	1,651,008	-	1,479,178	1,479,178	1,063,209	1,610,358	2,500,697	3,170,855	



**GUAM WATERWORKS AUTHORITY**

**FY2021 WASTEWATER REVENUE  
Schedule J2- Proof of Revenues (WasteWater)**

	BASIC RATE/ LIFELINE	NON-LIFELINE RATE	NO. OF CUSTOMERS	NON-LIFELINE CONSUMPTION (MGd)	BASIC	NON-LIFELINE	WASTEWATER	SURCHARGE	TOTAL
Residential	\$ 27.54		27,487	2,195,980	\$ 9,083,844	\$	\$ 9,083,844	\$	\$ 9,083,844
Commercial 1	\$	8.79	1,772	479,878		4,215,388	4,215,388	151,754	4,367,140
Commercial 2	\$	21.40	81	777,888		16,641,881	16,641,881	599,108	17,240,989
Commercial 3	\$	29.88	288	165,294		4,905,598	4,905,598	176,802	5,082,199
Navy/Airforce	\$	12.56	11	659,338		8,282,181	8,282,181	298,159	8,580,339
Government	\$	12.56	238	308,708		3,877,785	3,877,785	139,800	4,017,365
<b>Totals at Current Rates</b>			<b>29,835</b>	<b>4,588,891</b>	<b>\$ 9,083,844</b>	<b>\$ 37,922,623</b>	<b>\$ 47,006,624</b>	<b>\$ 1,365,222</b>	<b>\$ 48,371,838</b>

# GUAM WATERWORKS AUTHORITY

FY 2022 WATER REVENUE  
Schedule J1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 6MGAL	NON-LIFELINE RATE > 6MGAL	NO. OF CUSTOMERS	TOTAL CONSUMPTION (MGAL)		NON-LIFELINE (MGAL)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
						LIFELINE (MGAL)	NON-LIFELINE (MGAL)								
R Residential	3/4"	20.00	3.25	13.84	38,033	3,140,003	1,857,216	1,490,788	\$ 13,820,418	\$ 5,390,588	\$ 20,826,994	\$ 39,837,988	\$ 1,188,858	\$ 40,826,826	
	1"	33.93	3.25	13.84	347	37,598	15,098	22,622	141,202	17,847	311,347	807,855	15,239	517,494	
	1 1/2"	53.24	3.25	13.84	104	44,745	5,425	38,320	65,389	4,397	811,544	628,060	21,364	649,424	
	2"	67.82	3.25	13.84	28	23,469	1,352	36,971	14,283	1,261	318,077	539,074	18,714	557,788	
	3"	121.13	3.25	13.84	10	22,968	480	22,968	28,601	2,824	883,000	333,901	11,832	345,533	
	4"	189.54	3.25	13.84	15	71,945	890	71,046	28,601	2,824	883,000	1,015,531	35,441	1,050,973	
	6"	314.87	3.25	13.84	10	54,399	568	53,830	57,078	1,847	744,307	783,730	27,366	811,096	
	8"	480.17	3.25	13.84	1	2,328	60	2,488	5,905	195	34,115	38,915	1,390	41,305	
	10"	628.73	3.25	13.84	-	-	-	-	-	-	-	-	-	-	
	12"	750.78	3.25	13.84	-	-	-	-	-	-	-	-	-	-	
					38,547	3,421,007	1,881,066	1,739,911	\$ 13,937,665	\$ 5,490,265	\$ 24,073,804	\$ 43,479,834	\$ 1,339,495	\$ 44,819,239	
	C Commercial	3/4"	20.00	-	17.21	1,737	272,866	-	272,866	\$ 608,293	-	4,893,825	\$ 5,300,108	\$ 165,504	\$ 5,465,612
1"		33.93	-	17.21	325	71,990	-	71,990	132,249	-	1,239,279	1,371,528	48,003	1,419,530	
1 1/2"		53.24	-	17.21	337	144,910	-	144,910	215,105	-	2,492,931	2,707,938	94,778	2,802,714	
2"		67.82	-	17.21	163	132,473	-	132,473	153,011	-	2,280,484	2,413,475	84,472	2,497,947	
3"		121.13	-	17.21	33	73,374	-	73,374	48,200	-	1,283,107	1,311,307	45,888	1,357,203	
4"		189.54	-	17.21	54	109,234	-	109,234	108,485	-	1,890,405	1,998,890	89,645	2,088,505	
6"		314.87	-	17.21	36	73,838	-	73,838	155,519	-	1,271,098	1,408,814	49,231	1,458,046	
8"		480.17	-	17.21	5	72,320	-	72,320	29,028	-	1,244,952	1,272,978	44,554	1,317,532	
10"		628.73	-	17.21	2	8,148	-	8,148	15,341	-	140,271	155,812	5,448	161,059	
12"		750.78	-	17.21	-	-	-	-	-	-	-	-	-	-	
					2,682	899,854	-	858,884	\$ 1,423,187	-	\$ 18,898,229	\$ 17,829,417	\$ 627,839	\$ 18,958,946	
F Federal		3/4"	20.00	-	17.21	6	1,088	-	1,088	\$ 2,125	-	18,724	\$ 20,449	\$ 730	\$ 21,579
	1"	33.93	-	17.21	3	341	-	341	1,240	-	5,878	7,117	249	7,367	
	1 1/2"	53.24	-	17.21	1	33	-	33	649	-	595	1,213	42	1,255	
	2"	67.82	-	17.21	3	432	-	432	2,478	-	7,429	9,907	347	10,254	
	3"	121.13	-	17.21	1	222	-	222	1,475	-	3,915	5,290	185	5,475	
	4"	189.54	-	17.21	-	-	-	-	-	-	-	-	-	-	
6"	314.87	-	17.21	-	-	-	-	-	-	-	-	-	-		
8"	480.17	-	17.21	-	-	-	-	-	-	-	-	-	-		
10"	628.73	-	17.21	-	-	-	-	-	-	-	-	-	-		
12"	750.78	-	17.21	-	-	-	-	-	-	-	-	-	-		
				14	2,415	-	2,415	\$ 7,988	-	\$ 36,410	\$ 44,377	\$ 1,583	\$ 46,330		
<b>SUBTOTAL FY2022:</b>						<b>42,254</b>	<b>4,391,978</b>	<b>1,681,066</b>	<b>2,709,899</b>	<b>\$ 15,368,829</b>	<b>\$ 5,499,265</b>	<b>\$ 40,816,543</b>	<b>\$ 61,453,828</b>	<b>\$ 1,829,488</b>	<b>\$ 63,413,116</b>

# GUAM WATERWORKS AUTHORITY

FY 2022 WATER REVENUE  
Schedule J1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE <50G	NON-LIFELINE RATE >50G	NO. OF CUSTOMERS	TOTAL CONSUMPTION (kg)	LIFELINE (kg)	NON-LIFELINE (kg)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL		
G	Government	3/4"	29.08	-	151	13,478	-	13,478	\$ 52,658	\$ -	\$ -	204,649	\$ 9,983	204,612		
		1"	33.93	-	42	8,536	-	8,536	17,062	-	-	184,018	5,741	189,759		
		1 1/2"	53.24	-	75	32,352	-	32,352	49,209	-	-	805,133	21,180	826,313		
		2"	67.82	-	45	52,554	-	52,554	39,002	-	-	941,593	32,958	974,549		
		3"	121.13	-	27	61,093	-	61,093	39,347	-	-	1,091,027	38,186	1,129,213		
		4"	189.54	-	31	210,757	-	210,757	62,644	-	-	3,690,735	129,176	3,819,910		
		6"	314.87	-	12	101,877	-	101,877	48,025	-	-	1,798,784	62,962	1,861,746		
		8"	480.17	-	3	16,127	-	16,127	26,946	-	-	349,062	12,113	361,175		
		10"	629.73	-	3	28,946	-	28,946	23,012	-	-	516,500	18,648	535,148		
		12"	750.78	-	398	529,717	-	529,717	342,855	-	-	9,461,532	331,154	9,792,686		
		H	Hotel	3/4"	29.08	-	2	6	-	6	827	-	-	930	33	963
1"	33.93			-	2	2,087	-	2,087	1,081	-	-	35,580	1,263	37,844		
1 1/2"	53.24			-	5	12,185	-	12,185	3,855	-	-	2,090,168	73,186	2,163,354		
2"	67.82			-	4	4,924	-	4,924	5,410	-	-	84,765	3,156	87,921		
3"	121.13			-	18	123,182	-	123,182	37,173	-	-	2,120,528	90,175	2,210,703		
4"	189.54			-	16	553,013	-	553,013	61,367	-	-	9,519,862	75,520	9,595,382		
6"	314.87			-	8	168,793	-	168,793	33,832	-	-	2,871,265	101,671	2,972,936		
8"	480.17			-	1	100,457	-	100,457	7,871	-	-	1,729,325	60,795	1,790,120		
10"	629.73			-	54	1,671,838	-	1,671,838	151,816	-	-	18,447,751	659,957	19,107,708		
12"	750.78			-	8	65	-	65	2,716	-	-	1,126	3,843	135	3,978	
G	Golf			3/4"	29.08	-	8	65	-	65	2,716	-	-	3,843	135	3,978
		1"	33.93	-	3	210	-	210	1,946	-	-	5,552	184	5,736		
		1 1/2"	53.24	-	2	1,802	-	1,802	1,377	-	-	32,389	1,134	33,523		
		2"	67.82	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		3"	121.13	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		4"	189.54	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		6"	314.87	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		8"	480.17	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		10"	629.73	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		12"	750.78	-	2	240	-	240	4,130	-	-	8,267	288	8,555		
		SUBTOTAL FY2022:														29,094,212

# GUAM WATERWORKS AUTHORITY

FY 2022 WATER REVENUE  
Schedule J1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5Kgal	NON-LIFELINE RATE > 5Kgal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGal)	NON-LIFELINE (KGal)		BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL		
							LIFELINE (KGal)	NON-LIFELINE (KGal)								
A	Agriculture	3/4"	28.10	-	261	35,218	-	35,218	87,830	-	194,705	282,544	9,889	292,433		
		1"	32.78	-	39	11,378	-	11,378	15,308	-	82,903	78,289	2,737	81,026		
		1 1/2"	51.44	-	22	25,803	-	25,803	13,577	-	142,851	159,228	5,468	164,696		
		2"	65.53	-	11	3,076	-	3,076	8,780	-	17,008	25,788	903	26,691		
		3"	117.04	-	-	-	-	-	-	-	-	-	-	-	-	
		4"	163.81	-	-	-	-	-	-	-	-	-	-	-	-	
		6"	304.22	-	-	-	-	-	-	-	-	-	-	-	-	
		8"	444.81	-	-	-	-	-	-	-	-	-	-	-	-	
		10"	608.43	-	-	-	-	-	-	-	-	-	-	-	-	
		12"	725.38	-	-	-	-	-	-	-	-	-	-	-	-	
							333	75,475	-	75,475	124,982	-	417,268	542,770	10,997	553,767
		I	Irrigation	3/4"	29.08	-	14	2,890	-	2,890	4,841	-	16,536	21,376	748	22,124
1"	33.83			-	5	702	-	702	2,066	-	4,015	6,081	215	6,296		
1 1/2"	53.24			-	2	1,858	-	1,858	1,297	-	9,473	10,771	377	11,148		
2"	87.82			-	6	2,256	-	2,256	4,957	-	12,910	17,867	625	18,492		
3"	121.13			-	-	-	-	-	-	-	-	-	-	-	-	
4"	169.54			-	-	-	-	-	-	-	-	-	-	-	-	
6"	314.97			-	-	-	-	-	-	-	-	-	-	-	-	
8"	480.17			-	-	-	-	-	-	-	-	-	-	-	-	
10"	628.73			-	-	-	-	-	-	-	-	-	-	-	-	
12"	750.78			-	-	-	-	-	-	-	-	-	-	-	-	
							27	7,593	-	7,593	13,161	-	42,934	55,895	1,983	57,878
<b>SUBTOTAL FY2022:</b>																
							360	82,879	138,654	-	489,201	588,865	29,980	618,845		
<b>GRAND TOTAL FY2022</b>							693	1,681,095	1,681,363	16,611,363	6,489,265	69,693,215	89,102,843	2,984,310	93,177,154	



**FY2022 WASTEWATER REVENUE**  
**Schedule J2- Proof of Revenues (WasteWater)**

	BASIC RATE/ LIFELINE	NON-LIFELINE RATE	NO. OF CUSTOMERS	NON-LIFELINE CONSUMPTION (kgal)	BASIC	NON-LIFELINE	WASTEWATER	SURCHARGE	TOTAL
Residential	\$ 28.74		27,824	2,195,980	\$ 9,859,605	\$	9,859,605	\$	9,859,605
Commercial 1	\$	9.49	1,781	479,676	4,552,617		4,552,617	159,342	4,711,958
Commercial 2	\$	23.11	62	777,696	17,973,242		17,973,242	629,053	18,602,305
Commercial 3	\$	32.09	287	165,294	5,298,045		5,298,045	185,432	5,483,477
Navy/Airforce	\$	13.57	11	699,338	8,944,755		8,944,755	313,066	9,257,822
Government	\$	13.57	239	308,706	4,187,986		4,187,986	146,560	4,334,586
<b>Totals of Current Rates</b>			<b>29,904</b>	<b>4,586,681</b>	<b>\$ 9,859,605</b>	<b>\$</b>	<b>50,816,250</b>	<b>\$ 1,433,483</b>	<b>\$ 52,249,733</b>



**GUAM WATERWORKS AUTHORITY**

FY 2023 WATER REVENUE  
Schedule J1 - Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < \$/Gd	NON-LIFELINE RATE > \$/Gd	NO. OF CUSTOMERS	TOTAL CONSUMPTION (MGd)	LIFELINE (MGd)	NON-LIFELINE (MGd)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
R Residential	3/4"	30.97	3.25	14.74	39,228	3,148,003	1,687,216	1,460,788	14,876,272	5,390,988	21,987,716	41,936,578	1,242,984	43,179,140	
	1"	36.13	3.25	14.74	348	37,899	15,098	22,502	151,132	49,106	331,985	531,822	16,412	548,235	
	1 1/2"	56.70	3.25	14.74	104	44,745	5,425	39,320	71,037	17,847	579,407	668,090	22,115	690,205	
	2"	72.23	3.25	14.74	29	36,323	1,332	36,971	24,759	4,397	644,795	673,951	19,385	693,316	
	3"	129.01	3.25	14.74	10	23,489	480	22,989	15,268	1,561	338,752	355,560	12,037	367,516	
	4"	180.86	3.25	14.74	15	71,945	898	71,046	31,883	2,924	1,048,901	1,061,509	36,672	1,118,180	
	6"	335.34	3.25	14.74	10	54,386	568	53,630	39,683	1,847	793,219	834,750	28,319	863,068	
	8"	490.06	3.25	14.74	1	2,526	60	2,466	5,999	195	36,332	42,827	1,439	43,986	
	10"	870.86	3.25	14.74	-	-	-	-	-	-	-	-	-	-	
	12"	789.59	3.25	14.74	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal R Residential</b>														
	C Commercial	3/4"	30.97	-	18.33	39,745	3,421,007	1,881,086	1,739,911	14,977,831	5,468,285	26,638,706	48,024,804	1,378,922	47,463,727
1"		36.13	-	18.33	1,748	272,866	-	272,866	648,920	-	4,988,923	5,647,843	192,027	5,839,870	
1 1/2"		56.70	-	18.33	326	71,990	-	71,990	141,548	-	1,319,832	1,461,380	49,687	1,511,067	
2"		72.23	-	18.33	338	144,810	-	144,810	230,232	-	2,654,865	2,885,098	98,083	2,983,181	
3"		129.01	-	18.33	184	132,473	-	132,473	142,365	-	2,428,685	2,571,059	87,416	2,658,475	
4"		180.86	-	18.33	33	73,374	-	73,374	51,588	-	1,943,208	1,994,796	47,491	2,042,287	
6"		335.34	-	18.33	54	106,224	-	106,224	117,152	-	2,002,631	2,119,784	72,073	2,191,858	
8"		490.06	-	18.33	36	73,638	-	73,638	145,049	-	1,353,717	1,498,766	50,958	1,549,724	
10"		870.86	-	18.33	5	72,320	-	72,320	29,997	-	1,325,873	1,398,871	46,100	1,444,971	
12"		789.59	-	18.33	2	8,148	-	8,148	16,420	-	148,389	165,809	5,637	171,446	
<b>Subtotal C Commercial</b>															
F Federal		3/4"	30.97	-	18.33	2,706	899,854	-	899,854	1,523,273	-	17,878,134	19,102,407	649,482	19,751,889
	1"	36.13	-	18.33	6	1,088	-	1,088	2,276	-	19,941	22,216	755	22,971	
	1 1/2"	56.70	-	18.33	3	341	-	341	1,327	-	6,280	7,587	258	7,845	
	2"	72.23	-	18.33	1	33	-	33	604	-	601	1,286	44	1,340	
	3"	129.01	-	18.33	3	432	-	432	2,653	-	7,911	10,564	369	10,923	
	4"	180.86	-	18.33	1	222	-	222	1,573	-	4,063	5,642	192	5,834	
	6"	335.34	-	18.33	-	-	-	-	-	-	-	-	-	-	
	8"	490.06	-	18.33	-	-	-	-	-	-	-	-	-	-	
	10"	870.86	-	18.33	-	-	-	-	-	-	-	-	-	-	
	12"	789.59	-	18.33	-	-	-	-	-	-	-	-	-	-	
	<b>Subtotal F Federal</b>														
	<b>SUBTOTAL FY2023:</b>						<b>42,465</b>	<b>4,381,978</b>	<b>1,881,086</b>	<b>2,700,890</b>	<b>16,449,632</b>	<b>5,468,285</b>	<b>43,238,618</b>	<b>65,174,918</b>	<b>2,030,013</b>

**GUAM WATERWORKS AUTHORITY**

FY 2023 WATER REVENUE  
Schedule J-1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5KGal	NON-LIFELINE RATE > 5KGal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGal)	LIFELINE (KGal)	NON-LIFELINE (KGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL
G	Government	3/4"	30.97	18.33	192	13,478	-	-	56,362	-	247,070	303,432	10,317	313,748
		1"	36.13	18.33	42	8,536	-	-	18,263	-	156,467	174,770	5,942	180,712
		1 1/2"	56.70	18.33	76	32,352	-	-	51,900	-	593,124	644,724	21,921	666,644
		2"	72.23	18.33	46	52,654	-	-	38,467	-	983,467	1,032,894	34,102	1,067,086
		3"	129.01	18.33	27	61,093	-	-	42,114	-	1,120,039	1,162,153	39,513	1,201,666
		4"	180.58	18.33	31	210,767	-	-	67,049	-	3,930,968	4,064,819	133,653	4,198,472
		6"	335.34	18.33	12	101,877	-	-	46,232	-	1,867,753	1,971,015	65,178	2,036,193
		8"	490.06	18.33	3	19,127	-	-	17,998	-	350,668	368,667	12,535	381,201
		10"	670.66	18.33	3	29,946	-	-	24,630	-	549,007	573,637	19,504	593,141
		12"	799.58	18.33	3	29,946	-	-	24,630	-	549,007	573,637	19,504	593,141
					362	529,717	-	-	360,795	-	9,711,561	10,078,356	342,864	10,421,221
	H	Hotel	3/4"	30.97	18.33	2	6	-	-	6	-	111	995	34
		1"	36.13	18.33	2	2,067	-	-	1,157	-	37,903	38,060	1,328	40,388
		1 1/2"	56.70	18.33	5	121,195	-	-	4,127	-	2,221,923	2,226,050	75,886	2,301,936
		2"	72.23	18.33	4	4,924	-	-	5,791	-	90,275	96,066	3,266	99,332
		3"	129.01	18.33	18	123,182	-	-	38,788	-	2,256,362	2,295,150	76,137	2,371,287
		4"	180.58	18.33	16	553,013	-	-	65,693	-	10,136,653	10,204,338	346,947	10,551,285
		6"	335.34	18.33	8	166,793	-	-	35,997	-	3,057,897	3,093,894	105,182	3,199,076
		8"	490.06	18.33	1	100,457	-	-	8,210	-	1,841,731	1,849,941	62,868	1,912,809
		10"	670.66	18.33	1	100,457	-	-	8,210	-	1,841,731	1,849,941	62,868	1,912,809
		12"	799.58	18.33	1	100,457	-	-	8,210	-	1,841,731	1,849,941	62,868	1,912,809
					54	1,071,638	-	-	161,636	-	19,646,655	19,808,451	673,489	20,481,940
G		Golf	3/4"	30.97	18.33	8	65	-	-	65	-	1,201	4,107	140
		1"	36.13	18.33	3	210	-	-	2,083	-	3,841	5,924	201	6,125
		1 1/2"	56.70	18.33	2	1,862	-	-	1,474	-	33,028	34,502	1,173	35,675
		2"	72.23	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
		3"	129.01	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
		4"	180.58	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
		6"	335.34	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
		8"	490.06	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
		10"	670.66	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
		12"	799.58	18.33	2	240	-	-	4,421	-	4,405	8,826	300	9,126
					15	2,317	-	-	10,864	-	42,475	53,359	1,814	55,173
	<b>SUBTOTAL FY2023:</b>													
						460	1,603,672	-	539,315	-	29,400,291	29,940,206	1,017,967	30,958,173

# GUAM WATERWORKS AUTHORITY

**FY 2023 WATER REVENUE**  
Schedule J1 - Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5Kgal	NON-LIFELINE RATE > 5Kgal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGal)	LIFELINE (KGal)	NON-LIFELINE (KGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL		
A	Agriculture	3/4"	29.92	5.89	282	35,218	-	35,218	\$ 94,016	\$ -	\$ 207,361	\$ 301,377	\$ 10,247	\$ 311,624		
		1"	34.91	5.89	38	11,378	-	11,378	18,363	-	60,892	83,374	2,835	86,209		
		1 1/2"	54.79	5.89	22	25,803	-	25,803	14,532	-	151,923	188,455	5,659	172,114		
		2"	89.79	5.89	11	3,076	-	3,076	9,388	-	18,114	27,512	835	28,447		
		3"	124.84	5.89	-	-	-	-	-	-	-	-	-	-	-	
		4"	174.46	5.89	-	-	-	-	-	-	-	-	-	-	-	
		6"	324.00	5.89	-	-	-	-	-	-	-	-	-	-	-	
		8"	473.51	5.89	-	-	-	-	-	-	-	-	-	-	-	
		10"	647.86	5.89	-	-	-	-	-	-	-	-	-	-	-	
		12"	772.54	5.89	-	-	-	-	-	-	-	-	-	-	-	
							<b>334</b>	<b>75,476</b>	<b>-</b>	<b>75,476</b>	<b>\$ 134,328</b>	<b>\$ -</b>	<b>\$ 444,390</b>	<b>\$ 576,718</b>	<b>\$ 19,876</b>	<b>\$ 696,395</b>
		I	Irrigation	3/4"	30.97	6.09	14	2,850	-	2,850	\$ 5,181	\$ -	\$ 17,610	\$ 22,791	\$ 775	\$ 23,566
1"	36.13			6.09	5	702	-	702	2,212	-	4,276	6,488	221	6,708		
1 1/2"	56.70			6.09	2	1,856	-	1,856	1,368	-	10,069	11,478	390	11,868		
2"	72.23			6.09	6	2,256	-	2,256	5,306	-	13,748	19,055	648	19,702		
3"	128.01			6.09	-	-	-	-	-	-	-	-	-	-	-	
4"	180.56			6.09	-	-	-	-	-	-	-	-	-	-	-	
6"	335.34			6.09	-	-	-	-	-	-	-	-	-	-	-	
8"	480.06			6.09	-	-	-	-	-	-	-	-	-	-	-	
10"	670.86			6.09	-	-	-	-	-	-	-	-	-	-	-	
12"	799.58			6.09	-	-	-	-	-	-	-	-	-	-	-	
							<b>27</b>	<b>7,803</b>	<b>-</b>	<b>7,803</b>	<b>\$ 14,067</b>	<b>\$ -</b>	<b>\$ 45,728</b>	<b>\$ 99,611</b>	<b>\$ 2,334</b>	<b>\$ 102,673</b>
<b>SUBTOTAL FY2023:</b>																
						<b>361</b>	<b>82,979</b>	<b>-</b>	<b>82,979</b>	<b>\$ 148,415</b>	<b>\$ -</b>	<b>\$ 490,115</b>	<b>\$ 638,530</b>	<b>\$ 21,710</b>	<b>\$ 890,240</b>	
						<b>43,282</b>	<b>6,893,828</b>	<b>1,681,038</b>	<b>4,367,630</b>	<b>\$ 17,137,393</b>	<b>\$ 5,463,265</b>	<b>\$ 73,167,824</b>	<b>\$ 98,763,291</b>	<b>\$ 3,069,690</b>	<b>\$ 102,222,641</b>	
<b>GRAND TOTAL FY2023</b>																



**GUAM WATERWORKS AUTHORITY**

**FY2023 WASTEWATER REVENUE  
Schedule J2- Proof of Revenues (WasteWater)**

	BASIC RATE/ LIFELINE	NON- LIFELINE RATE	NO. OF CUSTOMERS	NON-LIFELINE CONSUMPTION (kGal)	BASIC	NON-LIFELINE	WASTEWATER	SURCHARGE	TOTAL
Residential	\$ 28.74		27,762	2,195,990	\$ 9,908,903	\$	9,908,903	\$	9,908,903
Commercial 1	\$ 10.11		1,790	479,676	4,848,537	4,848,537	4,848,537	164,850	5,013,387
Commercial 2	\$ 24.81		62	777,696	19,141,503	19,141,503	19,141,503	650,811	19,792,314
Commercial 3	\$ 34.14		289	165,294	5,842,418	5,842,418	5,842,418	191,842	6,034,261
Navy/Airforce	\$ 14.45		11	659,338	9,528,164	9,528,164	9,528,164	323,890	9,852,054
Government	\$ 14.45		240	308,706	4,460,208	4,460,208	4,460,208	151,647	4,611,853
<b>Totals at Current Rates</b>			<b>30,124</b>	<b>4,586,691</b>	<b>\$ 9,908,903</b>	<b>\$ 43,618,822</b>	<b>\$ 53,527,730</b>	<b>\$ 1,483,040</b>	<b>\$ 55,010,770</b>

# GUAM WATERWORKS AUTHORITY

**FY 2024 WATER REVENUE**  
 Schedule J1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5KGal	NON-LIFELINE RATE > 5KGal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGal)	LIFELINE (KGal)	NON-LIFELINE (KGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
R Residential	3/4"	32.52	3.25	15.47	39,424	3,143,003	1,657,216	1,485,786	\$ 15,333,722	\$ 5,390,558	\$ 23,046,102	\$ 43,840,412	\$ 1,326,519	\$ 45,166,931	
	1"	37.94	3.25	15.47	320	37,599	15,098	22,502	159,482	49,106	348,164	566,792	17,514	574,286	
	1 1/2"	69.54	3.25	15.47	106	44,745	5,425	39,320	74,981	17,647	608,377	700,963	23,575	724,538	
	2"	75.84	3.25	15.47	29	38,323	1,382	36,941	26,127	4,397	305,690	373,361	20,637	394,000	
	3"	189.59	3.25	15.47	10	23,499	480	22,999	18,110	1,581	1,069,246	1,135,604	36,077	1,171,682	
	4"	362.11	3.25	15.47	15	71,945	898	71,046	33,433	2,924	876,803	958,246	30,179	988,425	
	6"	514.59	3.25	15.47	10	54,398	568	53,830	41,876	1,947	632,890	674,722	1,535	676,257	
	8"	704.19	3.25	15.47	1	2,826	60	2,465	6,331	185	38,149	44,675	-	45,124	
	10"	838.56	3.25	15.47	-	-	-	-	-	-	-	-	-	-	
	12"	838.56	3.25	15.47	-	-	-	-	-	-	-	-	-	-	
	<b>SUBTOTAL FY2024:</b>														
								1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931
C Commercial	3/4"	32.52	-	19.25	39,944	3,421,007	1,891,096	1,730,911	\$ 16,742,041	\$ 5,469,265	\$ 26,920,643	\$ 46,130,950	\$ 1,471,363	\$ 48,602,313	
	1"	37.94	-	19.25	1,795	272,656	-	272,656	694,773	-	5,248,669	5,933,642	204,711	6,138,363	
	1 1/2"	69.54	-	19.25	328	71,990	-	71,990	149,368	-	1,345,824	1,565,192	52,994	1,618,186	
	2"	75.84	-	19.25	340	144,810	-	144,810	242,953	-	2,787,609	2,700,360	104,354	2,804,714	
	3"	135.46	-	19.25	165	132,473	-	132,473	150,230	-	2,850,129	2,700,360	63,182	2,763,542	
	4"	189.59	-	19.25	33	73,374	-	73,374	54,440	-	1,412,470	1,495,909	60,806	1,556,715	
	6"	362.11	-	19.25	54	109,234	-	109,234	123,625	-	2,102,763	2,226,388	76,810	2,303,581	
	8"	514.59	-	19.25	38	73,838	-	73,838	153,063	-	1,421,403	1,674,468	54,319	1,725,785	
	10"	704.19	-	19.25	5	72,320	-	72,320	31,658	-	1,362,167	1,423,822	46,122	1,470,001	
	12"	838.56	-	19.25	2	8,146	-	8,146	17,327	-	156,656	174,165	6,009	180,174	
	<b>SUBTOTAL FY2024:</b>														
								1,891,096	1,730,911	16,742,041	5,469,265	26,920,643	46,130,950	1,471,363	48,602,313
F Federal	3/4"	32.52	-	19.25	2,719	859,854	-	859,854	\$ 1,607,434	\$ -	\$ 18,459,091	\$ 20,066,525	\$ 692,261	\$ 20,758,786	
	1"	37.94	-	19.25	8	1,088	-	1,088	2,400	-	20,638	23,339	805	24,144	
	1 1/2"	69.54	-	19.25	3	341	-	341	1,400	-	6,573	7,973	275	8,248	
	2"	75.84	-	19.25	1	33	-	33	733	-	631	1,364	47	1,411	
	3"	135.46	-	19.25	3	432	-	432	2,769	-	8,307	11,106	383	11,489	
	4"	189.59	-	19.25	1	222	-	222	1,667	-	4,266	5,932	205	6,137	
	6"	362.11	-	19.25	-	-	-	-	-	-	-	-	-	-	
	8"	514.59	-	19.25	-	-	-	-	-	-	-	-	-	-	
	10"	704.19	-	19.25	-	-	-	-	-	-	-	-	-	-	
	12"	838.56	-	19.25	-	-	-	-	-	-	-	-	-	-	
	<b>SUBTOTAL FY2024:</b>														
								859,854	859,854	1,607,434	-	18,459,091	20,066,525	692,261	20,758,786
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	
							1,657,216	1,485,786	15,333,722	5,390,558	23,046,102	43,840,412	1,326,519	45,166,931	



**GUAM WATERWORKS AUTHORITY**

**FY 2024 WATER REVENUE**  
 Schedule J1 - Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < \$/Gd	NON-LIFELINE RATE > \$/Gd	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGd)	LIFELINE (KGd)	NON-LIFELINE (KGd)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
G	Government														
	3/4"	32.52	-	19.25	182	13,476	-	13,476	\$ 59,478	\$	\$	318,899	\$ 11,002	\$ 329,901	
	1"	37.94	-	19.25	42	8,536	-	8,536	18,283	-	-	183,604	6,334	189,938	
	1 1/2"	59.54	-	19.25	76	32,352	-	32,352	54,451	-	-	677,231	23,364	700,595	
	2"	75.94	-	19.25	46	52,554	-	52,554	41,578	-	-	1,053,351	36,341	1,089,691	
	3"	135.46	-	19.25	27	61,093	-	61,093	44,440	-	-	1,220,482	42,107	1,262,589	
	4"	189.59	-	19.25	31	210,757	-	210,757	70,794	-	-	4,127,868	142,411	4,270,278	
	6"	352.11	-	19.25	12	101,877	-	101,877	51,994	-	-	2,013,124	89,453	2,082,577	
	8"	514.58	-	19.25	3	19,127	-	19,127	18,993	-	-	387,194	19,356	400,553	
	10"	704.19	-	19.25	3	29,946	-	29,946	25,981	-	-	602,449	20,784	623,233	
	12"	839.56	-	19.25	394	529,717	-	529,717	397,061	-	-	10,594,200	365,155	10,959,355	
	H	Hotel													
3/4"		32.52	-	19.25	2	6	-	6	834	-	-	1,050	36	1,086	
1"		37.94	-	19.25	2	2,067	-	2,067	1,221	-	-	41,018	1,415	42,435	
1 1/2"		59.54	-	19.25	5	121,195	-	121,195	4,395	-	-	2,337,374	80,639	2,418,013	
2"		75.94	-	19.25	4	4,924	-	4,924	6,111	-	-	100,699	3,481	104,180	
3"		135.46	-	19.25	18	123,182	-	123,182	41,988	-	-	2,413,266	83,258	2,496,524	
4"		189.59	-	19.25	16	553,013	-	553,013	69,311	-	-	10,714,897	389,664	11,064,561	
6"		352.11	-	19.25	6	186,793	-	186,793	37,968	-	-	3,248,778	112,063	3,360,860	
8"		514.58	-	19.25	1	100,457	-	100,457	8,664	-	-	1,942,481	67,016	2,009,497	
10"		704.19	-	19.25	64	1,071,638	-	1,071,638	170,586	-	-	20,799,764	717,892	21,517,356	
12"		839.56	-	19.25	8	65	-	65	3,067	-	-	4,328	149	4,477	
G		Golf													
	3/4"	32.52	-	19.25	3	210	-	210	2,186	-	-	6,231	215	6,446	
	1"	37.94	-	19.25	2	1,802	-	1,802	1,595	-	-	36,235	1,260	37,495	
	1 1/2"	59.54	-	19.25	2	240	-	240	4,665	-	-	9,261	321	9,581	
	2"	75.94	-	19.25	-	-	-	-	-	-	-	-	-	-	
	3"	135.46	-	19.25	-	-	-	-	-	-	-	-	-	-	
	4"	189.59	-	19.25	-	-	-	-	-	-	-	-	-	-	
	6"	352.11	-	19.25	-	-	-	-	-	-	-	-	-	-	
	8"	514.58	-	19.25	-	-	-	-	-	-	-	-	-	-	
	10"	704.19	-	19.25	-	-	-	-	-	-	-	-	-	-	
	12"	839.56	-	19.25	-	-	-	-	-	-	-	-	-	-	
	<b>SUBTOTAL FY2024:</b>														
						483	1,803,672	-	1,803,672	669,112	-	30,870,936	31,440,048	1,094,662	32,824,729



**GUAM WATERWORKS AUTHORITY**

**FY 2024 WATER REVENUE**  
 Schedule J-1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 5KGal	NON-LIFELINE RATE > 5KGal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGal)	LIFELINE (KGal)	NON-LIFELINE (KGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
															(\$/KGal)
A Agriculture	3/4"	31.42	-	-	263	35,216	-	35,216	98,210	\$	-	316,939	10,834	327,874	
	1"	36.66	-	-	38	11,378	-	11,378	17,288	\$	-	87,626	3,023	90,652	
	1 1/2"	57.53	-	-	22	25,803	-	25,803	15,335	\$	-	174,854	6,032	180,887	
	2"	73.28	-	-	11	3,076	-	3,076	9,817	\$	-	28,937	898	29,835	
	3"	130.88	-	-	-	-	-	-	-	\$	-	-	-	-	
	4"	183.18	-	-	-	-	-	-	-	\$	-	-	-	-	
	6"	340.20	-	-	-	-	-	-	-	\$	-	-	-	-	
	8"	487.18	-	-	-	-	-	-	-	\$	-	-	-	-	
	10"	680.38	-	-	-	-	-	-	-	\$	-	-	-	-	
	12"	811.17	-	-	-	-	-	-	-	\$	-	-	-	-	
						<b>336</b>	<b>75,475</b>		<b>75,475</b>	<b>141,750</b>	\$		<b>604,359</b>	<b>20,868</b>	<b>625,227</b>
	I Irrigation	3/4"	32.52	-	-	14	2,680	-	2,680	5,463	\$	-	23,858	827	24,785
1"		37.84	-	-	5	702	-	702	2,334	\$	-	6,824	235	7,059	
1 1/2"		68.54	-	-	2	1,656	-	1,656	1,465	\$	-	12,058	416	12,475	
2"		75.84	-	-	6	2,256	-	2,256	5,959	\$	-	20,035	681	20,728	
3"		135.46	-	-	-	-	-	-	-	\$	-	-	-	-	
4"		189.59	-	-	-	-	-	-	-	\$	-	-	-	-	
6"		352.11	-	-	-	-	-	-	-	\$	-	-	-	-	
8"		514.58	-	-	-	-	-	-	-	\$	-	-	-	-	
10"		704.19	-	-	-	-	-	-	-	\$	-	-	-	-	
12"		839.56	-	-	-	-	-	-	-	\$	-	-	-	-	
						<b>27</b>	<b>7,903</b>		<b>7,903</b>	<b>14,865</b>	\$		<b>48,811</b>	<b>2,168</b>	<b>51,644</b>
<b>SUBTOTAL FY2024</b>															
					<b>363</b>	<b>82,979</b>		<b>82,979</b>	<b>156,615</b>	\$		<b>671,235</b>	<b>23,158</b>	<b>694,393</b>	
<b>GRAND TOTAL FY2024</b>															
					<b>43,603</b>	<b>6,068,625</b>		<b>4,367,638</b>	<b>18,094,201</b>	\$		<b>101,357,472</b>	<b>3,273,673</b>	<b>104,631,150</b>	



**GUAM WATERWORKS AUTHORITY**

**FY2024 WASTEWATER REVENUE**  
**Schedule J2- Proof of Revenue (Wastewater)**

	BASIC LIFELINE	NON- LIFELINE RATE	NO. OF CUSTOMERS	NON-LIFELINE CONSUMPTION (RGal)	BASIC	NON-LIFELINE	WASTEWATER	SURCHARGE	TOTAL
Residential	\$ 28.74		27,901	2,195,990	\$ 9,958,447	\$	9,958,447	\$	9,958,447
Commercial 1	\$ 10.61		1,769	479,876	5,090,864	175,639	5,090,864	175,639	5,266,502
Commercial 2	\$ 25.84		62	777,866	20,096,578	693,401	20,096,578	693,401	20,791,979
Commercial 3	\$ 35.84		270	165,294	5,924,539	204,397	5,924,539	204,397	6,128,936
Navy/Airforce	\$ 15.17		11	659,338	10,002,472	345,085	10,002,472	345,085	10,347,558
Government	\$ 15.17		241	308,708	4,683,216	161,571	4,683,216	161,571	4,844,787
<b>Totals at Current Rates</b>			<b>30,295</b>	<b>4,885,681</b>	<b>\$ 9,958,447</b>	<b>\$ 46,759,769</b>	<b>\$ 55,759,216</b>	<b>\$ 1,580,092</b>	<b>\$ 57,339,308</b>



**GUAM WATERWORKS AUTHORITY**

FY 2019 WATER REVENUE  
Schedule J1- Proof of Revenues (Water)

CLASS	METER SIZE	BASIC RATE	NON-LIFELINE RATE < 5Gpm	NON-LIFELINE RATE > 5Gpm	NO. OF CUSTOMERS	TOTAL CONSUMPTION (kgm)	LIFELINE (kgm)	NON-LIFELINE (kgm)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL
R Residential	3/4"	22.56	3.01	10.73	38,453	3,148,003	1,657,216	1,490,788	10,409,887	4,991,285	16,002,547	31,403,720	990,466	32,394,186
	1"	26.32	3.01	10.73	342	37,599	15,056	22,502	107,919	43,488	241,945	394,932	13,105	408,037
	1 1/2"	41.31	3.01	10.73	102	44,745	5,426	39,320	90,726	16,339	422,073	489,138	17,730	506,868
	2"	52.62	3.01	10.73	28	36,323	1,362	36,971	17,890	4,071	396,860	418,811	15,545	434,156
	3"	93.96	3.01	10.73	10	23,969	490	22,969	10,901	1,446	246,786	259,113	8,663	268,776
	4"	131.53	3.01	10.73	14	71,945	899	71,046	22,624	2,708	762,623	787,955	29,447	817,401
	6"	244.28	3.01	10.73	10	54,398	568	53,830	26,337	1,710	577,927	607,873	22,731	630,604
	8"	357.00	3.01	10.73	1	2,628	80	2,466	4,284	181	26,466	30,931	1,193	32,064
	10"	488.56	3.01	10.73	-	-	-	-	-	-	-	-	-	-
	12"	592.46	3.01	10.73	-	-	-	-	-	-	-	-	-	-
					<b>38,960</b>	<b>3,421,007</b>	<b>1,681,096</b>	<b>1,739,911</b>	<b>10,452,365</b>	<b>5,063,269</b>	<b>19,876,709</b>	<b>34,392,273</b>	<b>1,098,949</b>	<b>35,491,222</b>
	C Commercial	3/4"	22.56	-	13.36	1,712	273,666	-	272,666	483,374	-	3,641,503	4,104,877	153,933
1"		26.32	-	13.36	320	71,990	-	71,990	101,075	-	981,441	1,062,516	36,844	1,102,361
1 1/2"		41.31	-	13.36	332	144,810	-	144,810	164,402	-	1,833,957	2,098,358	76,698	2,177,047
2"		52.62	-	13.36	161	132,473	-	132,473	101,638	-	1,789,201	1,870,839	70,157	1,941,016
3"		93.96	-	13.36	33	73,374	-	73,374	36,838	-	979,928	1,016,766	38,129	1,054,895
4"		131.53	-	13.36	63	109,234	-	109,234	83,655	-	1,458,832	1,542,486	87,843	1,630,329
6"		244.28	-	13.36	36	73,838	-	73,838	103,575	-	868,125	1,068,700	40,864	1,109,564
8"		357.00	-	13.36	5	72,320	-	72,320	21,420	-	965,642	987,263	37,022	1,024,285
10"		488.56	-	13.36	2	6,146	-	6,146	11,726	-	108,823	120,548	4,521	125,069
12"		592.46	-	13.36	-	-	-	-	-	-	-	-	-	-
					<b>2,652</b>	<b>938,664</b>	<b>-</b>	<b>938,664</b>	<b>1,987,722</b>	<b>-</b>	<b>12,806,662</b>	<b>13,893,373</b>	<b>521,062</b>	<b>14,414,435</b>
F Federal		3/4"	22.56	-	13.36	6	1,088	-	1,088	1,824	-	14,526	16,151	606
	1"	26.32	-	13.36	3	341	-	341	948	-	4,590	5,508	207	5,714
	1 1/2"	41.31	-	13.36	1	33	-	33	496	-	436	934	35	969
	2"	52.62	-	13.36	3	432	-	432	1,894	-	5,763	7,657	287	7,944
	3"	93.96	-	13.36	1	222	-	222	1,128	-	2,960	4,087	153	4,240
	4"	131.53	-	13.36	-	-	-	-	-	-	-	-	-	-
	6"	244.28	-	13.36	-	-	-	-	-	-	-	-	-	-
	8"	357.00	-	13.36	-	-	-	-	-	-	-	-	-	-
	10"	488.56	-	13.36	-	-	-	-	-	-	-	-	-	-
	12"	592.46	-	13.36	-	-	-	-	-	-	-	-	-	-
					<b>14</b>	<b>2,116</b>	<b>-</b>	<b>2,116</b>	<b>6,090</b>	<b>-</b>	<b>28,247</b>	<b>34,336</b>	<b>1,286</b>	<b>35,622</b>
	<b>SUBTOTAL FY2019:</b>													
				<b>41,626</b>	<b>4,381,976</b>	<b>1,681,096</b>	<b>2,700,880</b>	<b>11,746,187</b>	<b>5,063,269</b>	<b>31,810,608</b>	<b>48,319,893</b>	<b>1,622,129</b>	<b>49,942,022</b>	



**GUAM WATERWORKS AUTHORITY**

**FY 2019 WATER REVENUE  
Schedule J-1 - Proof of Revenues (Water)**

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 8KGal	NON-LIFELINE RATE > 8KGal	NO. OF CUSTOMERS	TOTAL CONSUMPTION (KGal)	LIFELINE (KGal)	NON-LIFELINE (KGal)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
G	Government														
	3/4"	23.56	-	13.36	149	13,478	-	13,478	40,248	-	179,880	220,226	8,268	228,485	
	1"	26.32	-	13.36	41	8,536	-	8,536	13,058	-	113,994	127,049	4,784	131,814	
	1 1/2"	41.31	-	13.36	74	52,352	-	52,352	36,946	-	432,085	468,911	17,594	486,485	
	2"	52.62	-	13.36	45	52,554	-	52,554	28,203	-	701,867	730,070	27,378	757,447	
	3"	83.98	-	13.36	27	61,093	-	61,093	30,072	-	815,901	845,973	31,724	877,687	
	4"	131.53	-	13.36	30	210,757	-	210,757	47,978	-	2,814,889	2,862,577	107,347	2,969,923	
	6"	244.28	-	13.36	12	101,877	-	101,877	35,178	-	1,360,578	1,395,755	52,341	1,448,096	
	8"	357.00	-	13.36	3	19,127	-	19,127	12,852	-	256,447	268,299	10,061	278,360	
	10"	488.55	-	13.36	3	29,946	-	29,946	17,588	-	389,928	417,516	16,857	433,173	
	12"	582.46	-	13.36	384	529,717	-	529,717	261,917	-	7,874,489	7,336,377	276,114	7,611,487	
										529,717	261,917	7,874,489	7,336,377	276,114	7,611,487
H	Hotel														
	3/4"	22.56	-	13.36	2	6	-	6	632	-	81	712	27	739	
	1"	26.32	-	13.36	2	2,067	-	2,067	826	-	27,811	28,437	1,068	29,504	
	1 1/2"	41.31	-	13.36	5	121,195	-	121,195	2,947	-	1,618,577	1,621,523	80,807	1,692,330	
	2"	52.62	-	13.36	4	4,924	-	4,924	4,135	-	65,781	69,898	2,621	72,517	
	3"	83.98	-	13.36	18	123,182	-	123,182	28,411	-	1,845,121	1,873,532	82,757	1,956,289	
	4"	131.53	-	13.36	18	563,013	-	563,013	48,902	-	7,385,078	7,432,480	34,497	7,466,977	
	6"	244.28	-	13.36	6	166,793	-	166,793	25,704	-	2,227,548	2,253,252	10,000	2,263,252	
	8"	357.00	-	13.36	1	100,457	-	100,457	5,863	-	1,341,623	1,347,485	50,531	1,398,016	
	10"	488.55	-	13.36	53	1,071,838	-	1,071,838	118,418	-	14,311,888	14,427,318	541,824	14,969,142	
	12"	582.46	-	13.36	8	65	-	65	2,075	-	875	2,950	111	3,081	
										1,071,838	118,418	14,311,888	14,427,318	541,824	14,969,142
G	Golf														
	3/4"	22.56	-	13.36	8	65	-	65	2,075	-	875	2,950	111	3,081	
	1"	26.32	-	13.36	3	210	-	210	1,487	-	2,786	4,295	161	4,446	
	1 1/2"	41.31	-	13.36	2	1,802	-	1,802	1,052	-	24,080	25,112	942	26,054	
	2"	52.62	-	13.36	2	240	-	240	3,157	-	3,209	6,368	239	6,604	
	3"	83.98	-	13.36	-	-	-	-	-	-	-	-	-	-	
	4"	131.53	-	13.36	-	-	-	-	-	-	-	-	-	-	
	6"	244.28	-	13.36	-	-	-	-	-	-	-	-	-	-	
	8"	357.00	-	13.36	-	-	-	-	-	-	-	-	-	-	
	10"	488.55	-	13.36	-	-	-	-	-	-	-	-	-	-	
	12"	582.46	-	13.36	-	-	-	-	-	-	-	-	-	-	
										2,317	7,772	38,773	1,462	40,185	
									1,603,672	385,108	21,802,407	817,590	22,819,587		
<b>SUBTOTAL FY2019:</b>															



**GUAM WATERWORKS AUTHORITY**

**FY 2019 WATER REVENUE**  
**Schedule J1 - Proof of Revenues (Water)**

CLASS	METER SIZE	BASIC RATE	LIFELINE RATE < 50GAL	LIFELINE RATE > 50GAL	NON-LIFELINE RATE	NO. OF CUSTOMERS	TOTAL CONSUMPTION (ccm)	LIFELINE (ccm)	NON-LIFELINE (ccm)	BASIC CHARGES	LIFELINE	NON-LIFELINE	WATER	SURCHARGE	TOTAL	
A	Agriculture	3/4"	21.80	-	4.29	267	35,218	-	-	67,134	57,134	191,054	218,188	8,182	226,370	
		1"	25.43	-	4.29	38	11,378	-	-	11,898	11,378	48,800	60,469	2,289	62,768	
		1 1/2"	39.91	-	4.29	22	25,803	-	-	10,377	25,803	110,870	121,048	4,539	125,588	
		2"	50.84	-	4.29	11	3,078	-	-	6,711	3,078	13,185	19,908	748	20,652	
		3"	90.80	-	4.29	-	-	-	-	-	-	-	-	-	-	-
		4"	127.06	-	4.29	-	-	-	-	-	-	-	-	-	-	-
		6"	238.02	-	4.29	-	-	-	-	-	-	-	-	-	-	-
		8"	344.83	-	4.29	-	-	-	-	-	-	-	-	-	-	-
		10"	472.03	-	4.29	-	-	-	-	-	-	-	-	-	-	-
		12"	582.76	-	4.29	-	-	-	-	-	-	-	-	-	-	-
										328	75,475	95,820	323,719	419,539	15,730	435,375
		I	Irrigation	3/4"	22.56	-	4.44	14	2,880	-	-	3,700	3,700	12,828	16,528	820
1"	26.32			-	4.44	5	702	-	-	1,578	1,578	3,115	4,694	178	4,870	
1 1/2"	41.31			-	4.44	2	1,858	-	-	991	1,858	7,350	8,341	313	8,654	
2"	52.62			-	4.44	6	2,256	-	-	3,789	2,256	10,016	13,804	518	14,322	
3"	93.96			-	4.44	-	-	-	-	-	-	-	-	-	-	-
4"	131.53			-	4.44	-	-	-	-	-	-	-	-	-	-	-
6"	244.28			-	4.44	-	-	-	-	-	-	-	-	-	-	-
8"	357.00			-	4.44	-	-	-	-	-	-	-	-	-	-	-
10"	488.55			-	4.44	-	-	-	-	-	-	-	-	-	-	-
12"	582.46			-	4.44	-	-	-	-	-	-	-	-	-	-	-
								27	7,503	10,059	33,308	43,367	1,626	44,994		
SUBTOTAL FY2019:								354	82,979	-	82,979	105,879	6,063,208	63,294,335	463,006	17,363
GRAND TOTAL FY2019						682	8,080,828	1,661,098	4,387,638	17,237,263	6,063,208	63,294,335	70,856,338	2,487,053	73,042,473	



**GUAM WATERWORKS AUTHORITY**

**FY2019 WASTEWATER REVENUE  
Schedule J2: Proof of Revenues (WasteWater)**

	BASIC RATE/ LIFELINE	NON- LIFELINE RATE	NO. OF CUSTOMERS	NON-LIFELINE (KGal)	BASIC	NON-LIFELINE	WASTEWATER	SURCHARGE	TOTAL
Residential	\$ 27.54		27,214	2,195,980	\$ 8,993,693	\$	\$ 8,993,693	\$	\$ 8,993,693
Commercial 1	\$ 7.38		1,755	479,676	3,531,953	132,448	3,664,401		3,664,401
Commercial 2	\$ 17.93		61	777,866	13,943,771	522,891	14,466,662		14,466,662
Commercial 3	\$ 24.87		263	165,294	4,110,262	154,135	4,264,397		4,264,397
Navy/Airforce	\$ 10.52		11	659,338	6,939,406	260,228	7,199,633		7,199,633
Government	\$ 10.52		235	308,708	3,249,070	121,840	3,370,910		3,370,910
<b>Totals at Current Rates</b>			<b>29,639</b>	<b>4,588,851</b>	<b>\$ 8,993,693</b>	<b>\$ 31,774,462</b>	<b>\$ 40,768,144</b>	<b>\$ 3,191,542</b>	<b>\$ 41,959,687</b>

# GUAM WATERWORKS AUTHORITY

**2020 SERIES REVENUE BOND  
DEBT SERVICE**

Date	10/1/2018 (FY2020)
Avg. Coupon Rate (%)	5.00%
Term (years)	30
Underwriter Discount	1%
Cost of Insurance	1%
COI	0%
Premium	0%
Capitalized Interest (years)	2
Annual Debt Service	\$9,894,410
Source	
Bonds @ Par	\$ 134,000,000
Premium	\$ -
Net Original Issue Discount	\$ -
Total Sources	\$ 134,000,000
Uses	
Debt Service Reserve	(\$9,894,418)
Capitalized Interest	(13,400,000)
Cost of Insurance	(1,340,000)
Underwriter Discount	(1,340,000)
Total Deposit to Construction Fund	\$ 99,325,581
	1.00%
	1.00%

FY Ending September 30	Principal	Interest	Total Debt Service	CAPI
2020	-	6,700,000	6,700,000	6,700,000
2021	2,294,418	6,700,000	8,994,418	6,700,000
2022	2,498,190	6,870,386	9,368,576	6,870,386
2023	2,628,597	6,958,184	9,586,781	6,958,184
2024	2,788,991	6,908,229	9,697,220	6,908,229
2025	2,958,525	6,718,772	9,677,297	6,718,772
2026	3,074,741	6,538,940	9,613,681	6,538,940
2027	3,228,478	6,368,414	9,596,892	6,368,414
2028	3,388,962	6,208,185	9,597,147	6,208,185
2029	3,558,987	6,058,057	9,617,044	6,058,057
2030	3,731,587	5,918,029	9,649,616	5,918,029
2031	3,908,468	5,788,102	9,696,570	5,788,102
2032	4,120,447	5,668,175	9,788,622	5,668,175
2033	4,328,468	5,558,248	9,886,716	5,558,248
2034	4,542,783	5,458,321	9,991,104	5,458,321
2035	4,788,352	5,368,394	10,106,746	5,368,394
2036	5,068,429	5,288,467	10,356,896	5,288,467
2037	5,388,506	5,218,540	10,607,046	5,218,540
2038	5,748,583	5,158,613	10,907,196	5,158,613
2039	6,148,660	5,108,686	11,257,346	5,108,686
2040	6,588,737	5,068,759	11,657,496	5,068,759
2041	7,068,814	5,038,832	12,107,646	5,038,832
2042	7,588,891	5,018,905	12,606,796	5,018,905
2043	8,148,968	5,008,978	13,157,946	5,008,978
2044	8,748,045	5,009,051	13,767,096	5,009,051
2045	9,388,122	5,019,124	14,437,246	5,019,124
2046	10,068,200	5,039,197	15,177,396	5,039,197
2047	10,788,277	5,069,270	15,997,546	5,069,270
2048	11,548,354	5,109,343	16,887,696	5,109,343
2049	12,348,431	5,169,416	17,857,846	5,169,416
2050	13,188,508	5,239,489	18,927,996	5,239,489
<b>Total</b>	<b>134,000,000</b>	<b>129,000,000</b>	<b>263,000,000</b>	<b>263,000,000</b>

**GUAM WATERWORKS AUTHORITY**

**2022 SERIES REVENUE BOND  
DEBT SERVICE**

	10/1/2021 (FY2022)
Debt	5,075,352
Avg. Coupon Rate (%)	3.0
Term (years)	1%
Underwriter Discount	0%
Cost of Issuance	0%
OID	2
Premium	-
Capitalized Interest (years)	-
Annual Debt Service	\$4,027,352
<b>Sources</b>	
Bonds @ Par	\$ 60,000,000
Premium	\$ -
Net Original Issue Discount	-
<b>Total Sources</b>	<b>\$ 60,000,000</b>
<b>Uses</b>	
Debt Service Reserve	(\$4,027,352)
Capitalized Interest	(6,000,000)
Cost of Issuance	(600,000)
Underwriter Discount	-
<b>Total Deposit to Construction Fund</b>	<b>\$ 49,372,648</b>

1.00%  
1.00%

FY Ending September 30	Principal	Interest	Total Debt Service	GPI
2022	-	3,000,000	3,000,000	3,000,000
2023	-	3,000,000	3,000,000	3,000,000
2024	1,027,352	2,968,970	4,016,322	4,016,322
2025	1,076,719	2,935,943	4,014,663	4,014,663
2026	1,132,655	2,891,638	4,014,293	4,014,293
2027	1,186,268	2,854,863	4,014,281	4,014,281
2028	1,246,733	2,795,271	4,014,024	4,014,024
2029	1,311,190	2,702,625	4,013,716	4,013,716
2030	1,376,750	2,636,800	4,013,553	4,013,553
2031	1,445,587	2,567,344	4,012,931	4,012,931
2032	1,517,867	2,494,578	4,012,445	4,012,445
2033	1,593,780	2,418,129	4,011,909	4,011,909
2034	1,673,449	2,337,809	4,011,257	4,011,257
2035	1,757,120	2,253,423	4,010,543	4,010,543
2036	1,844,978	2,164,785	4,009,763	4,009,763
2037	1,937,225	2,071,819	4,008,044	4,008,044
2038	2,034,096	1,973,757	4,007,853	4,007,853
2039	2,135,791	1,870,941	4,008,732	4,008,732
2040	2,242,590	1,762,920	4,005,510	4,005,510
2041	2,354,709	1,649,439	4,004,139	4,004,139
2042	2,472,445	1,530,185	4,002,640	4,002,640
2043	2,596,087	1,404,924	4,000,991	4,000,991
2044	2,725,970	1,273,311	3,999,181	3,999,181
2045	2,862,164	1,138,034	3,997,198	3,997,198
2046	3,006,272	989,759	3,996,030	3,996,030
2047	3,158,538	837,127	3,992,663	3,992,663
2048	3,319,312	678,769	3,990,081	3,990,081
2049	3,478,978	508,263	3,987,271	3,987,271
2050	3,652,927	331,268	3,984,215	3,984,215
2051	3,855,573	145,322	3,980,895	3,980,895
<b>Total</b>	<b>60,000,000</b>	<b>58,132,860</b>	<b>118,132,860</b>	

# GUAM WATERWORKS AUTHORITY

**2023 SERIES REVENUE BOND  
DEBT SERVICE**

	10/1/2022 (FY2023)
Debt	5.00%
Avg. Coupon Rate (%)	30
Term (years)	1%
Underwriter Discount	1%
Cost of Insurance	0%
OID	0%
Premium	2
Capitalized Interest (years)	
Annual Debt Service	\$4,430,087
Sources	
Bonds @ Par	\$ 66,000,000
Premium	\$ -
Net Original Issue Discount	\$ -
Total Sources	\$ 66,000,000
Uses	
Debt Service Reserve	(\$4,430,087)
Capitalized Interest	(\$6,000,000)
Cost of Insurance	(\$60,000)
Underwriter Discount	(\$60,000)
Total Deposit to Construction Fund	\$ 53,849,913
	1.00%
	1.00%

FY Ending September 30	Principal	Interest	Total Debt Service	CAPI
2023	-	3,300,000	3,300,000	3,300,000
2024	1,130,087	3,300,000	3,300,000	3,300,000
2025	1,168,591	3,267,867	4,416,129	4,416,129
2026	1,245,821	3,229,537	4,416,942	4,416,942
2027	1,300,217	3,170,021	4,415,710	4,415,710
2028	1,373,628	3,107,493	4,415,426	4,415,426
2029	1,442,309	3,041,799	4,415,067	4,415,067
2030	1,514,425	2,972,779	4,414,686	4,414,686
2031	1,590,146	2,900,354	4,414,224	4,414,224
2032	1,669,683	2,824,079	4,413,689	4,413,689
2033	1,753,136	2,744,036	4,413,077	4,413,077
2034	1,840,783	2,660,942	4,412,362	4,412,362
2035	1,932,832	2,571,690	4,411,596	4,411,596
2036	2,029,474	2,478,785	4,410,715	4,410,715
2037	2,130,948	2,381,242	4,409,729	4,409,729
2038	2,237,485	2,278,791	4,408,629	4,408,629
2039	2,349,370	2,171,133	4,407,405	4,407,405
2040	2,466,838	2,058,035	4,406,050	4,406,050
2041	2,590,190	1,939,212	4,404,553	4,404,553
2042	2,719,699	1,814,373	4,402,904	4,402,904
2043	2,855,674	1,683,215	4,401,089	4,401,089
2044	2,998,457	1,545,416	4,399,089	4,399,089
2045	3,148,390	1,400,642	4,396,918	4,396,918
2046	3,305,700	1,249,539	4,394,533	4,394,533
2047	3,471,099	1,098,794	4,391,929	4,391,929
2048	3,644,644	950,640	4,389,000	4,389,000
2049	3,826,876	744,446	4,385,988	4,385,988
2050	4,018,220	559,122	4,382,636	4,382,636
2051	4,218,130	364,417	4,378,985	4,378,985
2052	4,426,000	199,654	4,378,985	4,378,985
	66,000,000	63,946,169	129,946,169	129,946,169



**GUAM WATERWORKS AUTHORITY**

**2013 SERIES REVENUE BOND  
DEBT SERVICE**

Date	12/12/2013
Avg. Coupon Rate (%)	5.44%
Sources	
Bonds @ Par	\$ 172,830,000
Net Original Issue Discount	(1,532,983)
<b>Total Sources</b>	<b>\$ 171,097,017</b>
Uses	
Construction Fund	\$ 139,260,961
Debt Service Reserve	12,031,688
Capitalized Interest	16,822,959
Cost of Issuance	1,698,646
Underwriter Discount	1,281,952
Additional Proceeds	509
<b>Total Uses</b>	<b>\$ 171,097,017</b>

FY Ending September 30	Principal	Interest	Total Debt Service	CAPI
2014	\$ -	\$ -	\$ 5,159,349	5,159,349
2015	-	9,331,688	9,331,688	9,331,688
2016	-	9,331,688	9,331,688	9,331,688
2017	-	9,331,688	9,331,688	9,331,688
2018	-	9,331,688	9,331,688	9,331,688
2019	-	9,331,688	9,331,688	9,331,688
2020	2,895,000	9,331,688	12,026,688	12,026,688
2021	2,940,000	9,190,200	12,030,200	12,030,200
2022	2,990,000	9,041,100	12,031,100	12,031,100
2023	3,145,000	8,894,125	12,029,125	12,029,125
2024	3,315,000	8,719,013	12,034,013	12,034,013
2025	3,485,000	8,544,975	12,029,975	12,029,975
2026	3,670,000	8,362,013	12,032,013	12,032,013
2027	3,850,000	8,178,513	12,028,513	12,028,513
2028	4,045,000	7,996,013	12,031,013	12,031,013
2029	4,250,000	7,783,763	12,033,763	12,033,763
2030	4,470,000	7,560,638	12,030,638	12,030,638
2031	4,705,000	7,325,963	12,030,963	12,030,963
2032	4,950,000	7,078,950	12,028,950	12,028,950
2033	5,210,000	6,819,075	12,029,075	12,029,075
2034	5,485,000	6,545,550	12,030,550	12,030,550
2035	5,790,000	6,243,875	12,033,875	12,033,875
2036	6,105,000	5,925,425	12,030,425	12,030,425
2037	6,440,000	5,599,650	12,029,650	12,029,650
2038	6,795,000	5,235,450	12,030,450	12,030,450
2039	7,170,000	4,861,725	12,031,725	12,031,725
2040	7,565,000	4,487,375	12,032,375	12,032,375
2041	23,290,000	4,051,300	27,301,300	27,301,300
2042	24,530,000	2,772,550	27,302,550	27,302,550
2043	25,960,000	1,423,400	27,303,400	27,303,400
	\$ 172,630,000	\$ 213,739,112	\$ 386,369,112	





# GUAM WATERWORKS AUTHORITY

## 2014 REFUNDING SERIES REVENUE BOND (SERIES 2005) DEBT SERVICE

Date	8/7/2014	
Avg. Coupon Rate (%)	4.9%	
<b>Sources</b>		
Bonds @ Par	\$ 85,600,000	
Net Original Issue Premium	5,648,970	
Bond Funds on Hand	1,283,789	
DSRF Release	269	
<b>Total Sources</b>	<b>\$ 82,533,037</b>	
<b>Uses</b>		
SLGS Purchases	\$ 90,866,840	
Refunding Escrow Cash Deposit	21	
Cost of Issuance	788,201	
Underwriter Discount	759,121	
Additional Proceeds	8,854	
<b>Total Uses</b>	<b>\$ 92,533,037</b>	

FY Ending September 30	Principal	Interest	Total Debt Service
2015	\$ 2,900,000	\$ 3,498,425	\$ 6,398,425
2016	3,320,000	3,842,430	7,162,430
2017	3,385,000	3,780,014	7,165,014
2018	3,475,000	3,694,847	7,169,847
2019	3,620,000	3,598,477	7,208,477
2020	3,750,000	3,445,000	7,205,000
2021	530,000	3,257,000	3,787,000
2022	555,000	3,230,500	3,785,500
2023	4,005,000	3,202,750	7,207,750
2024	4,205,000	3,002,500	7,207,500
2025	4,410,000	2,792,250	7,202,250
2026	4,630,000	2,571,750	7,201,750
2027	4,865,000	2,340,250	7,205,250
2028	5,110,000	2,087,000	7,207,000
2029	5,385,000	1,841,500	7,208,500
2030	5,630,000	1,573,250	7,203,250
2031	5,915,000	1,281,750	7,206,750
2032	6,205,000	898,000	7,201,000
2033	6,520,000	685,750	7,205,750
2034	6,845,000	359,760	7,204,760
2035	350,000	17,500	367,500
	<b>\$ 85,600,000</b>	<b>\$ 51,108,692</b>	<b>\$ 136,708,692</b>



# GUAM WATERWORKS AUTHORITY

## 2016 SERIES REVENUE BOND DEBT SERVICE

Date	2/24/2018
Avg. Coupon Rate (%)	5.0%
<b>Sources</b>	
Bonds @ Per	\$ 143,310,000
Net Original Issue Premium	18,224,842
<b>Total Sources</b>	<b>\$ 161,534,842</b>
<b>Uses</b>	
Construction Fund	\$ 140,018,463
Debt Service Reserve	7,582,725
Capitalized Interest	11,484,800
Cost of Issuance	1,297,820
Underwriter Discount	1,170,034
<b>Total Uses</b>	<b>\$ 161,534,842</b>

FY Ending September 30	Principal	Interest	Total Debt Service	CAPI
2016	\$ -	\$ 2,527,829	\$ 2,527,829	2,527,829
2017	-	7,165,500	7,165,500	7,165,500
2018	-	7,165,500	7,165,500	1,771,471
2019	-	7,165,500	7,165,500	
2020	420,000	7,165,500	7,585,500	
2021	3,880,000	7,144,500	11,004,500	
2022	4,065,000	6,951,500	11,006,500	
2023	835,000	6,748,750	7,583,750	
2024	875,000	6,707,000	7,582,000	
2025	925,000	6,663,250	7,586,250	
2026	985,000	6,617,000	7,602,000	
2027	1,015,000	6,568,750	7,583,750	
2028	1,065,000	6,518,000	7,583,000	
2029	1,120,000	6,464,750	7,584,750	
2030	1,180,000	6,408,750	7,586,750	
2031	1,240,000	6,349,750	7,589,750	
2032	1,300,000	6,287,750	7,597,750	
2033	1,365,000	6,222,750	7,597,750	
2034	1,435,000	6,154,500	7,589,500	
2035	8,340,000	6,082,750	14,422,750	
2036	1,920,000	5,985,750	7,905,750	
2037	2,015,000	5,868,750	7,884,750	
2038	2,115,000	5,748,000	7,863,000	
2039	2,215,000	5,623,250	7,838,250	
2040	2,330,000	5,495,500	7,825,500	
2041	2,450,000	5,364,000	7,814,000	
2042	2,570,000	5,228,750	7,798,750	
2043	2,700,000	5,089,000	7,789,000	
2044	30,135,000	4,885,000	34,885,000	
2045	31,640,000	4,750,000	34,883,250	
2046	33,225,000	830,625	34,055,625	
	<b>\$ 143,310,000</b>	<b>\$ 180,258,204</b>	<b>\$ 323,568,204</b>	



# GUAM WATERWORKS AUTHORITY

## 2017 REFUNDING SERIES REVENUE BOND (SERIES 2010) DEBT SERVICE

Date	12/20/2017	
Avg. Coupon Rate (%)	5.0%	
<b>Sources</b>		
Bonds @ Par	\$ 107,660,000	
Net Original Issue Premium	13,854,833	
Bond Funds on Hand	2,532,453	
DSRF Release	<u>75</u>	
<b>Total Sources</b>	<b>\$ 124,047,361</b>	
<b>Uses</b>		
Open Market Purchases	\$ 122,155,328	
Refunding Escrow Cash Deposit	598	
Cost of Issuance	963,283	
Underwriter Discount	925,068	
Additional Proceeds	<u>3,095</u>	
<b>Total Uses</b>	<b>\$ 124,047,361</b>	

FY Ending September 30	Principal	Interest	Total Debt Service
2018	\$ -	2,855,981	\$ 2,855,981
2019	295,000	5,383,000	5,678,000
2020	-	5,368,250	5,368,250
2021	2,040,000	5,388,250	7,408,250
2022	2,145,000	5,288,250	7,411,250
2023	2,250,000	5,159,000	7,409,000
2024	2,365,000	5,046,500	7,411,500
2025	2,485,000	4,928,250	7,413,250
2026	2,610,000	4,804,000	7,414,000
2027	2,740,000	4,673,500	7,413,500
2028	2,875,000	4,538,500	7,411,500
2029	3,015,000	4,392,750	7,407,750
2030	3,170,000	4,242,000	7,412,000
2031	3,325,000	4,083,500	7,408,500
2032	3,485,000	3,917,250	7,412,250
2033	3,665,000	3,742,500	7,407,500
2034	3,850,000	3,559,250	7,409,250
2035	4,040,000	3,368,750	7,408,750
2036	11,455,000	3,164,750	14,619,750
2037	12,025,000	2,992,000	14,617,000
2038	12,630,000	1,990,750	14,620,750
2039	13,260,000	1,358,250	14,618,250
2040	13,925,000	688,250	14,621,250
	<b>\$ 107,660,000</b>	<b>\$ 80,496,481</b>	<b>\$ 188,156,481</b>



# GUAM WATERWORKS AUTHORITY

Bank of Guam \$30 million Short Term Debt  
DEBT SERVICE

Principal \$15,000,000  
Int. % 5.25%  
Date 7/15/15  
Term 5  
Annual debt \$302,354.40

	Date	Payment	Interest	Principal	Balance
27	10/15/2017	\$284,789.76	\$39,282.71	\$245,507.05	\$8,733,398
28	11/15/2017	\$284,789.76	\$38,208.62	\$246,581.14	\$8,488,817
29	12/15/2017	\$284,789.76	\$37,129.82	\$247,659.93	\$8,239,157
30	1/15/2018	\$284,789.76	\$36,046.31	\$248,743.45	\$7,990,413
31	2/15/2018	\$284,789.76	\$34,958.06	\$249,831.70	\$7,740,582
32	3/15/2018	\$284,789.76	\$33,865.04	\$250,924.71	\$7,489,657
33	4/15/2018	\$284,789.76	\$32,767.25	\$252,022.51	\$7,237,834
34	5/15/2018	\$284,789.76	\$31,664.65	\$253,125.11	\$6,984,509
35	6/15/2018	\$284,789.76	\$30,557.23	\$254,232.53	\$6,730,277
36	7/15/2018	\$284,789.76	\$29,444.96	\$255,344.80	\$6,474,932
37	8/15/2018	\$284,789.76	\$28,327.83	\$256,461.93	\$6,218,470
38	9/15/2018	\$284,789.76	\$27,205.81	\$257,593.95	\$5,960,886
39	10/15/2018	\$284,789.76	\$26,078.88	\$258,740.88	\$5,702,175
40	11/15/2018	\$284,789.76	\$24,947.02	\$259,892.74	\$5,442,332
41	12/15/2018	\$284,789.76	\$23,810.20	\$260,979.55	\$5,181,353
42	1/15/2019	\$284,789.76	\$22,668.42	\$262,121.34	\$4,919,231
43	2/15/2019	\$284,789.76	\$21,521.64	\$263,268.12	\$4,655,963
44	3/15/2019	\$284,789.76	\$20,369.84	\$264,419.92	\$4,391,543
45	4/15/2019	\$284,789.76	\$19,213.00	\$265,576.76	\$4,125,967
46	5/15/2019	\$284,789.76	\$18,051.10	\$266,738.65	\$3,859,228
47	6/15/2019	\$284,789.76	\$16,884.12	\$267,905.64	\$3,591,322
48	7/15/2019	\$284,789.76	\$15,712.04	\$269,077.72	\$3,322,245
49	8/15/2019	\$284,789.76	\$14,534.82	\$270,254.94	\$3,051,990
50	9/15/2019	\$284,789.76	\$13,352.46	\$271,437.30	\$2,780,552
51	10/15/2019	\$284,789.76	\$12,164.92	\$272,624.84	\$2,507,828
52	11/15/2019	\$284,789.76	\$10,973.18	\$273,817.57	\$2,234,110
53	12/15/2019	\$284,789.76	\$9,774.23	\$275,015.53	\$1,959,094
54	1/15/2020	\$284,789.76	\$8,571.04	\$276,218.72	\$1,682,876
55	2/15/2020	\$284,789.76	\$7,362.58	\$277,427.18	\$1,405,449
56	3/15/2020	\$284,789.76	\$6,148.84	\$278,640.92	\$1,126,808
57	4/15/2020	\$284,789.76	\$4,929.78	\$279,859.97	\$846,948
58	5/15/2020	\$284,789.76	\$3,705.40	\$281,084.36	\$565,863
59	6/15/2020	\$284,789.76	\$2,475.65	\$282,314.11	\$283,549
60	7/15/2020	\$284,789.76	\$1,240.53	\$283,549.23	\$0
					\$ 3,417,477
					\$ 3,417,477
					\$ 2,847,898

Guam Waterworks Authority  
 Sample Bill Summary  
 FY2019-2024

Average Monthly Consumption by Rate Class	Current 2019	Proposed Rate Adjustments					5-yr Average Increase
		10.0%	8.5%	8.0%	6.5%	5.0%	
		2020	2021	2022	2023	2024	
1 Residential < 5k (4.0Kgal) Increase	\$ 62.98	\$ 65.29	\$ 67.47	\$ 72.84	\$ 74.77	\$ 76.38	\$ 2.68
2 Residential > 5k (7.5Kgal) Increase	\$ 93.83	\$ 98.87	\$ 103.66	\$ 111.89	\$ 116.10	\$ 119.64	\$ 5.16
3 Commercial 1 (35.91 Kgal) Increase	\$ 740.38	\$ 813.24	\$ 882.36	\$ 952.03	\$ 1,012.93	\$ 1,064.09	\$ 64.74
4 Commercial 2 (425.86 kgal) Increase	\$ 12,292.07	\$ 13,501.73	\$ 14,649.37	\$ 15,806.05	\$ 16,817.18	\$ 17,666.58	\$ 1,074.90
5 Commercial 3 (52.19 Kgal) Increase	\$ 1,823.76	\$ 2,003.23	\$ 2,173.51	\$ 2,345.12	\$ 2,495.14	\$ 2,621.16	\$ 159.48
6 Government - G6 (73.0 Kgal) Increase	\$ 1,785.53	\$ 1,961.24	\$ 2,127.95	\$ 2,295.96	\$ 2,442.84	\$ 2,566.22	\$ 156.14
7 Irrigation (20.96 Kgal) Increase	\$ 119.98	\$ 131.78	\$ 142.99	\$ 154.28	\$ 164.15	\$ 172.44	\$ 10.49
8 Agriculture (19.80 Kgal) Increase	\$ 110.75	\$ 121.65	\$ 131.99	\$ 142.41	\$ 151.52	\$ 159.17	\$ 9.68



**GUAM WATERWORKS AUTHORITY**

**EXHIBIT B**





**GUAM WATERWORKS AUTHORITY**

**Guam Waterworks Authority  
Schedule of Capital Projects  
FY 2019-2024**

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>TOTAL</u>
2010 Bond Series	3,804	-	-	-	-	-	3,804
2013 Bond Series	1,453	-	-	-	-	-	1,453
2016 Bond Series	52,563	2,703	-	-	-	-	55,266
2020 Bond Series	50,345	28,631	28,350	1,600	-	-	108,926
2022 Bond Series	-	-	-	24,209	18,864	5,900	48,773
2023 Bond Series	-	-	-	-	18,824	18,852	37,676
State Revolving Fund (SRF)	7,000	5,088	3,000	8,000	8,000	8,000	39,088
System Development Charge (SDC)	6,700	500	1,000	500	500	500	9,700
GRANTS	110,387	13,061	-	-	-	-	123,448
Internally Funded CIP (PAY GO)	-	15,000	15,000	20,500	21,000	24,500	96,000
<b>Total</b>	<b>232,252</b>	<b>64,983</b>	<b>47,350</b>	<b>54,809</b>	<b>66,988</b>	<b>57,752</b>	<b>524,134</b>

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>TOTAL</u>
Potable Water	100,586	28,870	14,450	27,540	38,996	27,403	237,845
Wastewater	126,703	28,003	26,350	24,089	22,242	21,119	248,486
Electrical	1,710	1,510	2,600	1,500	3,200	5,530	16,050
Miscellaneous	3,253	6,600	3,950	1,700	2,550	3,700	21,753
<b>Total</b>	<b>232,252</b>	<b>64,983</b>	<b>47,350</b>	<b>54,809</b>	<b>66,988</b>	<b>57,752</b>	<b>524,134</b>



**GUAM WATERWORKS AUTHORITY**

**Guam Waterworks Authority  
Summary of Capital Projects for Potable Water Funding  
FY 2019-2024**

CIP #	Project Name	2019 (x1000)	2020 (x1000)	2021 (x1000)	2022 (x1000)	2023 (x1000)	2024 (x1000)	Total (x1000)
PW 05-01	Ground Water Disinfection	-	-	-	-	-	-	-
PW 05-03	Santa Rita Springs Booster Pump Rehab Phase II	-	-	-	-	-	-	-
PW 05-05	"A" Series Well Transmission Line	-	-	-	-	-	-	-
PW 05-06	Water Booster Pump Station	387	1,200	700	300	2,000	-	4,587
PW 05-07	Meter Replacement Program	1,428	-	-	-	-	-	1,428
PW 05-08	Barrigada Tank Repair/Replacement	0	-	-	-	-	-	0
PW 05-09	Leak/Detection	100	-	500	-	-	100	700
PW 05-10	Potable Water System Planning	-	-	500	-	-	-	500
PW 05-11	Implement Ground Water Rule	-	-	-	-	-	-	-
PW 05-12	Brigade II (Ugum Lift) BFS Upgrade	1,568	-	-	-	-	-	1,568
PW 05-13	Deep Well Rehabilitation	6,140	1,538	-	4,000	-	-	11,678
PW 05-14	New Deep Wells at Down Hard	1,190	500	-	-	-	-	1,690
PW 05-15	Rehabilitation of Asan Springs	759	550	-	-	-	-	1,308
PW 05-16	Master Meters	2,000	-	-	-	-	-	2,000
PW 09-01	Ugum Water Treatment Plant Intake	200	-	500	500	-	-	1,200
PW 09-02	Water Wells	5,135	1,500	1,400	-	2,000	-	10,035
PW 09-03	Water Distribution System Pipe Replacement and Upgrades	2,153	500	1,000	2,250	1,750	2,250	9,903
PW 09-04	Pressure Zone Realignment / Development 2005 Improvements	400	561	-	-	-	650	1,611
PW 09-06	Central Water Distribution System 2005 Improvements	-	-	-	-	-	-	-
PW 09-08	Mechanical/Electrical Equipment	-	-	-	-	-	-	-
PW 09-09	Water Reservoir Internal/External	638	-	-	-	-	-	638
PW 09-10	Water Reservoir Internal/External	-	-	-	-	-	-	-
PW 09-11	Water System Reservoirs 2005 Improvements	57,000	10,881	1,000	1,000	1,000	-	70,881
PW 11-01	Distribution System Upgrade	-	-	-	-	-	-	-
PW 11-02	Ugum Water Treatment Plant Reservoir	7,500	-	-	-	-	-	7,500
PW 12-01	Water Audit Program & Water Loss Control Plan	160	-	-	-	-	-	160
PW 12-02	Production Plan / Reduces Navy Purchases	-	-	-	-	-	-	-
PW 12-03	Hydraulic Assessment of Tanks	-	-	-	-	-	-	-
PW 12-04	Agana Heights & Chaot Tanks	720	-	-	-	-	-	720
PW 12-05	Tank Major Repair Yigo #1, Mangilao #2, Astumbo #1	0	-	-	-	-	-	0
PW 12-06	Tank Replacement Piti & Hyundai	6,500	-	-	-	-	-	6,500
PW 12-07	Assessment/Replacement of Malofoj Elevated & Yigo Elevated	-	-	-	-	-	-	-
PW 12-08	Public Water System Asset Inventory/ Condition Assessment	-	-	-	-	-	-	-
PW 12-09	Public Water System GIS & Mapping	-	-	-	-	-	-	-
PW 14-01	Fire Hydrant Replacement Program	1,200	-	-	500	-	-	2,200
MP-PW-Pipe-01	Astumbo Zone Piping	-	-	-	368	4,482	-	4,850
MP-PW-Pipe-02	Route 1 Astumbo Zone Piping	-	-	-	-	545	3,324	3,869
MP-PW-Pipe-03	Harmon Cliffline Piping to Route 1	-	-	-	-	424	-	424
MP-PW-Pipe-04	Hyundai Well Piping	-	500	-	-	-	-	500
MP-PW-Pipe-05	Kaiser Zone Looping	-	300	-	-	-	-	300





GUAM WATERWORKS AUTHORITY

Guam Waterworks Authority  
 Summary of Capital Projects for Potable Water Funding  
 FY 2019-2024

CIP #	Project Name	2019 (x1000)	2020 (x1000)	2021 (x1000)	2022 (x1000)	2023 (x1000)	2024 (x1000)	Total (x1000)
MP-PW-Pipe-06	Mangilao Pressure Zone Reassignment	-	300	-	-	-	-	300
MP-PW-Pipe-07	Matiguc BPS Suction Piping	-	-	500	-	-	-	500
MP-PW-Pipe-08	Nimitz Lower BPS Piping	-	-	-	-	121	1,468	1,589
MP-PW-Pipe-09	Yigo, Santa Rosa Zone Reassignment	-	-	-	178	2,164	-	2,342
MP-PW-Pipe-10	Miscellaneous Piping Projects	-	100	100	894	-	-	894
MP-PW-Pipe-11	Miscellaneous Piping Connections	-	100	100	194	-	-	394
MP-PW-Pipe-12	Rehabilitation and Replacement Program	1,000	-	1,000	2,500	3,400	2,000	9,900
MP-PW-Pipe-13	2-inch Pipe Replacement Program	1,550	1,180	1,200	1,750	1,750	1,750	9,180
MP-PW-Pipe-14	Asbestos Cement Pipe Replacement Program	-	-	-	3,850	3,850	3,850	11,550
MP-PW-Pipe-15	PRV Rehab and Replacement	500	500	1,450	1,000	1,468	1,468	6,388
MP-PW-Pipe-16	Valve Exercises, Repair, and Replacement Program	-	250	-	250	-	250	750
MP-PW-Pipe-17	Cross Island Highway Piping	-	-	100	1,401	-	-	1,501
MP-PW-Tank-22	Existing Tank Inspections	150	-	-	-	-	-	150
MP-PW-Tank-23	Recurring Tank Inspections	200	200	200	214	214	214	1,042
MP-PW-BPS-01	Rehabilitate and Replace BPSs	209	200	150	150	150	150	1,009
MP-PW-BPS-02	Nimitz Hill Upper BPS	48	-	-	-	-	-	48
MP-PW-BPS-03	Route 15 BPS	-	-	-	-	-	86	86
MP-PW-SWTP-01	Ugum SWTP River Intake Cleaning Project	380	-	-	-	-	-	380
MP-PW-SWTP-02	Ugum SWTP Intake Modifications	174	1,000	-	-	-	-	1,174
MP-PW-SWTP-03	Ugum SWTP Reliability Improvements	150	1,000	-	-	-	-	1,150
MP-PW-SWTP-04	Ugum SWTP 7-Year Improvement Project	-	-	-	-	-	3,168	3,168
MP-PW-Well-01	Well Rehabilitation Program	-	400	3,500	2,308	5,368	440	12,016
MP-PW-Well-02	Well Equipment Overhaul Program	-	-	-	1,000	-	-	1,000
MP-PW-Well-03	Capacity Enhancement – Well Exploration Program	500	-	-	-	-	-	1,688
MP-PW-Well-04	Capacity Enhancement – Well Development and Construction Program	-	-	-	379	4,622	-	5,001
MP-PW-Well-05	Wellhead Protection Program	-	-	-	-	660	-	1,010
MP-PW-Misc-01	Well Repair Program	500	500	250	1,000	1,274	1,274	4,798
MP-PW-Misc-02	South Guam Water Supply Study	-	200	-	-	-	-	200
MP-PW-Misc-03	Master Meter Implementation and Ongoing Meter Replacement	250	250	250	734	734	734	2,952
MP-PW-Misc-04	Hydrant Condition Assessment and Maintenance	-	-	-	970	970	970	2,910
MP-PW-Misc-05	OneGuam Program	-	50	50	50	50	50	250
DoD-3	Leak Detection Assistance	-	250	-	-	-	-	250
	Rehabilitation and New NGLA Monitoring Wells	-	4,000	-	-	-	-	4,000
	<b>Sub-Total</b>	<b>100,598</b>	<b>28,870</b>	<b>14,450</b>	<b>27,540</b>	<b>38,996</b>	<b>27,403</b>	<b>237,845</b>
	<b>Grand Total for Potable Water Funding</b>	<b>237,845</b>						



**GUAM WATERWORKS AUTHORITY**

**Guam Waterworks Authority  
Summary of Capital Projects for Wastewater Funding  
FY 2019-2024**

CIP #	Project Name	2019 (x1000)	2020 (x1000)	2021 (x1000)	2022 (x1000)	2023 (x1000)	2024 (x1000)	Total (x1000)
WW 05-04	Wastewater System Planning	-	150	-	-	-	-	150
WW 09-01	Lift station upgrades	1,750	1,200	1,000	-	2,000	2,281	8,241
WW 09-02	Moratorium	-	-	-	-	-	-	-
WW 09-08	Wastewater Collection System Repl/ Rehabilitation	1,087	2,000	2,000	-	2,000	2,000	9,087
WW 09-08	Facilities Plan/Design/Interim for Baza Gardens STP Impr.	-	-	-	-	-	-	-
WW 09-10	Facilities Plan/Design/Interim for Agat-Santa Rita STP Impr.	-	-	-	-	-	-	-
WW 09-11	WWTP Priority 1 Upgrades	-	-	-	-	-	-	-
WW 11-03	Baza Gardens STP Replacement	1,000	-	-	-	-	-	1,000
WW 11-04	Facilities Plan/Design/Interim for Umatac-Merizo STP Impr.	388	-	550	-	-	-	916
WW 11-08	Agat/ Santa Rita STP Replacement	384	-	-	-	-	-	384
WW 12-01	Northern District WWTP Primary Treatment Upgrades	186	-	-	-	-	-	186
WW 12-02	Bio Solids Management Plan	-	-	-	-	-	-	-
WW 12-03	Agana WWTP Interim Measures	-	-	-	-	-	-	-
WW 12-04	I&I SSES Southern	-	-	-	-	-	-	-
WW 12-05	I&I SSES Central	-	-	-	-	-	-	-
WW 12-06	I&I SSES Northern	-	-	-	-	-	-	-
WW 12-07	Umatac Merizo STP Replacement	1,083	-	-	-	-	-	1,083
WW 12-09	Wastewater Facility Back Up Power	1,000	-	-	-	-	-	1,000
WW 17-01	Wastewater Sewer System Expansion	52	-	-	-	-	-	52
MP-WW-Pipe-01	Northern District WWTP Secondary Treatment Upgrades	-	170	2,000	5,348	750	8,186	14,452
MP-WW-Pipe-02	Gravity Pipe Rehabilitation/Replacement Program	-	-	-	411	3,218	-	3,629
MP-WW-Pipe-03	Barrigada Pump Station Pipe Rehabilitation/Replacement	340	2,000	-	-	-	-	2,340
MP-WW-Pipe-04	Route 1 Piti Pipe Rehabilitation/Replacement	657	-	-	-	-	-	657
MP-WW-Pipe-05	Southern Link Pump Station Pipe Rehabilitation/Replacement	-	-	-	169	2,500	-	2,669
MP-WW-Pipe-06	Agana Heights Pipe Replacement	-	-	-	-	-	1,169	1,169
MP-WW-Pipe-07	Northern District Route 1 Capacity Replacement - Phase 1	-	-	-	-	-	-	-
MP-WW-Pipe-08	Northern District Route 1 Capacity Replacement - Phase 2	-	-	-	-	-	571	571
MP-WW-Pipe-08	Northern District Route 1 Capacity Replacement - Phase 3	-	-	-	-	-	47	47
MP-WW-Pipe-09	North Deddedo Capacity Replacement - Phase 1	-	-	-	-	-	-	-
MP-WW-Pipe-10	North Deddedo Capacity Replacement - Phase 2	-	-	-	-	-	-	-
MP-WW-Pipe-11	Route 16 Capacity Replacement	-	-	-	-	-	-	-
MP-WW-Pipe-12	Barrigada Capacity Replacement	-	-	-	-	-	-	-
MP-WW-Pipe-13	Mangilao Capacity Replacement	-	-	-	-	-	-	-
MP-WW-Pipe-14	Dededo Capacity Replacement	-	-	-	-	-	-	-
MP-WW-Pipe-16	Yigo Capacity Replacement	-	-	-	-	-	-	-
MP-WW-Pipe-17	Mianjansao Capacity Replacement	-	400	1,300	2,574	-	-	4,274
MP-WW-Pipe-18	Agat-Santa Rita Capacity Replacement - Phase 1	-	-	-	-	-	-	-
MP-WW-Pipe-19	Agat-Santa Rita Capacity Replacement - Phase 2	-	-	-	-	-	-	-
MP-WW-Pipe-20	Agat-Santa Rita Capacity Replacement - Phase 3	-	-	-	-	-	-	-



GUAM WATERWORKS AUTHORITY

Guam Waterworks Authority  
 Summary of Capital Projects for Wastewater Funding  
 FY 2019-2024

CIP #	Project Name	2019 (x1000)	2020 (x1000)	2021 (x1000)	2022 (x1000)	2023 (x1000)	2024 (x1000)	Total (x1000)
MP-WW-Pipe-21	Baza Gardens Capacity Replacement - Phase 1	-	-	-	-	-	320	320
MP-WW-Pipe-22	Baza Gardens Capacity Replacement - Phase 2	-	-	-	-	-	-	-
MP-WW-Pipe-23	Baza Gardens Capacity Replacement - Phase 3	-	-	-	-	-	-	-
MP-WW-Pipe-24	Umatac-Merizo Capacity Replacement	-	-	-	-	-	207	207
MP-WW-Pipe-25	Piping Near Bayside Lift Station	-	-	2,000	-	250	-	2,250
MP-WW-Pipe-26	Finika Drive Rehabilitation - Agat	63	750	-	-	-	-	813
MP-WW-Pipe-27	Septic/Cesspool System Reduction Program	-	-	-	350	3,000	5,238	8,588
MP-WW-MH-01	Manhole Rehabilitation Program	-	350	-	350	-	350	1,050
MP-WW-FM-01	Force Main Rehabilitation/Replacement Program	-	-	100	1,458	-	120	1,678
MP-WW-FM-02	Replace Yigo Lift Station Force Main	-	-	200	1,628	-	-	2,028
MP-WW-FM-03	Roads 1 Assan Force Main Rehabilitation/Replacement	2,124	-	-	-	-	-	2,124
MP-WW-FM-04	Hegafia WWTP Force Main Rehabilitation/Replacement	5,000	1,888	-	-	-	-	6,888
MP-WW-Pump-01	Lift Station Rehabilitation/Replacement Program	-	2,120	6,500	982	6,124	2,420	18,146
MP-WW-Pump-02	Tumon Basin - Fujita Lift Station Analysis	1,000	6,923	3,000	-	-	-	10,923
MP-WW-Pump-03	Replacement of Former Navy Pump Station (Donut Hole)	100	1,201	-	-	-	-	1,301
MP-WW-WWTP-01	Hegafia WWTP Primary Treatment Repair/Rehabilitation Program	-	-	-	-	-	-	-
MP-WW-WWTP-02	Hegafia WWTP Secondary Treatment Upgrade	-	-	-	-	-	-	-
MP-WW-WWTP-03	Inarajan WWTP Repair/Rehabilitation Program	-	-	-	-	-	-	-
MP-WW-WWTP-04	Pago Soco WWTP Pump Station Conversion	-	-	-	-	-	-	-
MP-WW-WWTP-05	Umatac-Merizo WWTP Repair/Rehabilitation Program	-	-	-	1,700	1,000	-	2,700
MP-WW-WWTP-06	Agat-Santa Rita WWTP Repair/Rehabilitation Program	-	-	-	-	-	-	-
MP-WW-WWTP-07	Baza Gardens Cross Island Pipeline - Preliminary Treatment Equipment Repair and Rehabilitation Program	-	-	-	-	-	-	-
MP-WW-WWTP-08	Northern District WWTP Completion	-	-	7,500	7,800	-	-	15,300
MP-WW-WWTP-09	Ocean Outfall Inspection Program	-	150	-	-	-	-	150
MP-WW-Misc-01A	Update Wastewater Collection System Model (Major Update)	-	100	-	-	-	-	100
MP-WW-Misc-01B	Update Wastewater Collection System Model (Continued)	-	150	-	-	-	-	150
MP-WW-Misc-02	UI and SSES Assessments	-	-	200	1,000	400	-	2,700
MP-WW-Misc-03	Miscellaneous Wastewater Improvements	500	-	-	-	-	-	500
MP-WW-Misc-04	Fats, Oils, and Grease Study	-	150	-	-	-	-	150
DoD-01	NDWWTP Secondary Treatment Capacity 12MGD	110,000	2,500	-	-	-	-	112,500
DoD-02	Northern Systems Wastewater System	-	6,000	-	-	-	-	6,000
	<b>Sub-Total</b>	<b>128,703</b>	<b>28,003</b>	<b>26,350</b>	<b>24,069</b>	<b>22,242</b>	<b>21,119</b>	<b>248,486</b>
	<b>Grand Total for Wastewater Funding</b>	<b>248,486</b>						



GUAM WATERWORKS AUTHORITY

Guam Waterworks Authority  
 Summary of Capital Projects for Electrical Funding  
 FY 2019-2024

CIP #	Project Name	2019 (x1,000)	2020 (x1,000)	2021 (x1,000)	2022 (x1,000)	2023 (x1,000)	2024 (x1,000)	Total (x1,000)
EE 05-02	SCADA Pilot Project	-	-	-	-	-	-	-
EE 09-01	Wastewater Pumping Station Electrical Upgrade	-	-	-	-	-	-	-
EE 09-02	Electrical Upgrade - Water Wells	-	90	-	-	-	-	90
EE 09-03	Electrical Upgrade - Water Booster	-	-	-	-	-	-	-
EE 09-04	Electrical Upgrade - Water Booster	-	150	-	-	-	-	150
EE 09-05	Electrical Upgrade - Other Water	-	100	-	-	-	-	100
EE 09-07	SCADA Improvements - Phase 2	-	45	-	-	-	-	45
EE 09-08	SCADA Improvements - Phase 3	275	125	-	-	-	2,000	2,400
EE 09-09	SCADA Improvements - Phase 4	434	-	-	-	-	-	434
MP-Gen-EE-01	SCADA Implementation Phase A2 - Initial Project Completion	1,000	1,000	2,600	1,500	2,600	2,600	11,300
MP-Gen-EE-02	SCADA Implementation Phase B - Additional Sites	-	-	-	-	600	600	1,200
MP-Gen-EE-03	SCADA Implementation Phase C - Additional Instruments	-	-	-	-	-	-	-
MP-Gen-EE-04	SCADA System Improvement Program	-	-	-	-	-	330	330
<b>Sub-Total</b>		<b>1,710</b>	<b>1,510</b>	<b>2,600</b>	<b>1,500</b>	<b>3,200</b>	<b>5,530</b>	<b>16,050</b>

Grand Total for Electrical Funding



**GUAM WATERWORKS AUTHORITY**

**Guam Waterworks Authority  
Summary of Capital Projects for Miscellaneous Funding  
FY 2019-2024**

CIP #	Project Name	2019 (x1000)	2020 (x1000)	2021 (x1000)	2022 (x1000)	2023 (x1000)	2024 (x1000)	Total (x1000)
MC 05-01	Laboratory Modernization	1	-	-	-	-	-	1
MC 05-02	Land Survey	-	-	-	-	-	-	-
MC 09-01	General Plant Improvements / Water	47	-	100	500	800	1,000	2,447
MC 15-01	Information Technology Integration Improvements	256	-	100	500	500	500	1,856
MP-Gen-Misc-01	GWA Systems Planning	500	200	500	100	250	1,000	2,550
MP-Gen-Misc-02A	WRMP Update (Comprehensive Update)	-	-	-	100	-	-	100
MP-Gen-Misc-02B	WRMP Update (Interim Update)	-	200	-	-	-	-	200
MP-Gen-Misc-03	Surveying and Property Delineation	250	-	250	-	250	-	750
MP-Gen-Misc-04	Information Technology Improvements	200	5,200	200	100	100	200	6,000
MP-Gen-Misc-05	GWA Infrastructure Improvements	500	-	2,000	-	250	-	2,750
MP-Gen-Misc-06	GPWA Fleet Maintenance Facility	500	-	-	-	-	-	500
MP-Gen-Misc-07	Mobile Equipment Replacement Program	400	400	200	100	100	400	1,600
MP-Gen-Misc-08	General Plant Improvements	500	500	500	200	200	500	2,400
MP-Gen-Misc-09	Security and Resilience Program	100	100	100	100	100	100	600
	<b>Sub-Total</b>	<b>3,253</b>	<b>6,600</b>	<b>3,950</b>	<b>1,700</b>	<b>2,550</b>	<b>3,700</b>	<b>21,753</b>

**Grand Total for Miscellaneous Funding 21,753**

