

BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

GUAM WATERWORKS AUTHORITY  
PETITION FOR RATE RELIEF

DOCKET 07-4



FY07 RATE ORDER

*Background*

On June 13, 2007 Guam Waterworks Authority [GWA] petitioned the Guam Public Utilities Commission [PUC] for an average 16.55% rate increase<sup>1</sup> on base rates, excluding lifeline and surcharge revenues<sup>2</sup>. On May 9, 2007 PUC's independent regulatory consultant Georgetown Consultant Group [GCG] filed its report concerning the rate petition. In its report GCG supports the GWA petition. On July 18, 2007 GCG and GWA filed a stipulation [Stipulation], which presents a joint position in support of the petition and other issues. The Stipulation is made *Attachment A* to this order.

On July 31, 2007 and August 1, 2007, PUC conducted three duly noticed public hearings on GWA's petition pursuant to the requirements of 12 GCA § 12016. The public comments made at these hearings are summarized in the August 9, 2007 report of PUC's administrative law judge [ALJ]. After carefully considering the Stipulation, the record herein and ALJ's report, for good cause shown and on motion duly made, seconded and carried by the affirmative vote of the undersigned commissioners, PUC makes the following determinations:

*Determinations*

1. GWA has complied with the requirements of the Ratepayer's Bill of Rights in this docket.
2. The Rate Stabilization Plan, which was established by PUC's October 14, 2004 Rate Order in Docket 04-1 has served its purpose as a reservoir for rate increase revenues during the term of the Interim Financial Plan. This

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<sup>1</sup> In its petition GWA incorrectly states that its requested increase is 14.24%, which would be correct if the increase applied to lifeline rates. As GWA has not requested that the increase apply to lifeline rates, the correct amount of increase for which GWA petitioned is 16.55%.

<sup>2</sup> On May 11, 2007, PUC administrative law judge dismissed GWA's first petition for rate relief dated March 30, 2007 upon finding that GWA had failed to comply with the pre-filing notice requirements of 12 GCA § 12001.2. After satisfying this requirement, GWA refilled its petition with PUC on June 13, 2007.

Plan has now expired. Accordingly, GWA should be authorized to withdraw and utilize the Plan's fund balance consistent with bond covenant requirements.

3. PUC's February 2, 2006 Rate Order in Docket 05-5 directed that future rate proceedings, commencing with the instant rate proceeding, would be conducted within the context of the Final Financial Plan, which under section 30 of the Stipulated Order<sup>3</sup> GWA was ordered to finalize and submit with PUC for review and approval during FY06. The Stipulated Order requires that the Plan include a restructured user fee system and a system development charge. GWA has failed submit this Plan for review pursuant to the requirements of the Stipulated Order. GWA should be ordered to make this filing, which will require prefiling notice pursuant to 12 GCA § 12001.2[b], as part of its next rate petition.
4. 12 GCA § 12001.2[d] requires that in each GWA rate proceeding, PUC consider the results of an annual staffing study of GWA, which PUC is required to conduct under this statute. As part of its deliberations in this proceeding, PUC has considered GCG's January 15, 2007 report on GWA staffing patterns.<sup>4</sup>
5. The recommendations contained in the Stipulation should be approved. The award of an average 16.55% increase in current rates, excluding the surcharges and lifeline rates, is just and reasonable. The specific increase on each GWA rate is set forth in *Attachment B* to this Order.
6. The Tiyán interim rates should be increased as set forth in Attachment B. These interim rates should be converted to permanent rates within two years of the date of this Order, with regulatory oversight of a reconciliation of bills and usage as part of this conversion process.
7. GWA's testimony satisfies the requirement of 12 GCA § 14112 that in any rate proceeding it shall establish that there is a community benefit and public need for the services, which are subject to the rate increase.
8. Public testimony during the rate hearings emphasized the importance of regulatory oversight of GWA efforts to maximize revenues. Specific

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<sup>3</sup> Stipulated Order For Preliminary Relief, as amended, in United States District Court – Territory of Guam No. 02-35 [*USA v. Guam Waterworks Authority and Government of Guam*].

<sup>4</sup> Notice of this GWA staffing pattern report was published in the PDN on February 8, 2007 in accordance with in accordance with the requirements of section 12001.2[d].

concern was expressed over: a] lost revenue and expenses related to GWA's 50% system water loss; b] GWA's failure to establish a system development charge; and c] its failure to meet revenue targets for new meters<sup>5</sup>. Public concern was also raised that: a] GWA is violating the requirements of 12 GCA § 12026 regarding estimated billings; and b] GWA is not maximizing opportunities to obtain Federal grants. GCG should be directed under ALJ oversight to study and report on these public concerns in advance of the October 2007 regulatory session.

9. In furtherance of the Stipulation, GWA should be ordered on or before September 15, 2007 to file: a] a report, which fully describes any deficiency in the OMRRR<sup>6</sup> Fund balance and any other fund balance as well as a plan to remedy such deficiencies; and b] an opinion from bond counsel, which clarifies the flow of funds requirements under GWA's bond indenture.
10. GWA has failed to petition PUC under 12 GCA § 12015.3 for review and approval of rates for the beneficial use of water obtained by private water well operators. GCG should be directed under ALJ oversight to examine and submit a report, with recommendations on this regulatory issue, for PUC consideration during the October 2007 regulatory session.
11. The record suggests that there are conflicts between GWA's rules and regulations and its practice of charging customers for installation of new meters. ALJ should be authorized and directed to conduct regulatory proceedings to examine these asserted conflicts in preparation for PUC consideration of the issue during the October 2007 regulatory session.

### *Ordering Provisions*

After careful review and consideration of the above determinations, the report and recommendations of its ALJ, the Stipulation and record herein, for good cause shown, on motion duly made, seconded and carried by the undersigned commissioners, the Guam Public Utilities Commission **HEREBY ORDERS THAT:**

1. All rulings and orders of the ALJ during the course of this proceeding are confirmed and ratified. All motions not heretofore granted or denied are denied. No other matters currently require discussion.

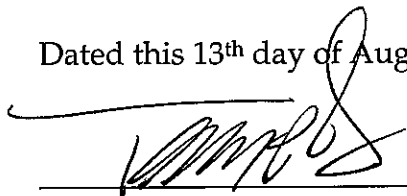
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<sup>5</sup>GCG shared this concern in its May 9, 2007 report [at page 10].

<sup>6</sup>OMRRR means the Operation and Maintenance Renovation Replacement Reserve Fund mandated by Article V of GWA's bond indenture.

2. A 16.55% rate increase on current base rates [excluding surcharges and lifeline rates], as set forth in Attachment B, is hereby awarded for services rendered on and after the date of this Order.
3. GWA is authorized to withdraw and utilize the fund balance in the Rate Stabilization Fund consistent with bond covenant requirements.
4. GWA shall file with PUC its Final Financial Plan, including proposed restructured user fees and a system development charge in conformance with the requirements of Section 30 of the Stipulated Order, not later than the filing of its next rate petition.
5. The interim Tiyan rates, as approved by PUC's September 28, 2006 order in Docket 05-5, shall be converted to permanent rates within two years of the date of this order. ALJ is authorized and directed to oversee regulatory proceedings to reconcile interim Tiyan bills and usage as part of this conversion process.
6. ALJ is authorized and directed to oversee the following regulatory activities in preparation for the October 2007 regulatory session:
  - a. GCG's review and report on the public concerns described in determination 8 above and on the scope and process for establishing rates for private water well operators.
  - b. GCG's review of asserted conflicts between GWA's rules and regulations and its practice of charging new customers for the installation of new water meters.
7. On or before September 15, 2007 GWA shall file a report, which fully describes any deficiency in its OMRRR Fund balance and any other fund balance and a plan for remedying any such deficiencies and an opinion from bond counsel, which clarifies the flow of funds requirements under its bond indenture.
8. GWA shall pay for PUC's expenses, including without limitation, consulting and counsel fees and expenses and the expenses of conducting the hearing process.

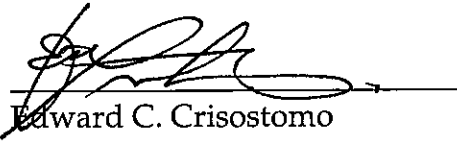
Dated this 13<sup>th</sup> day of August 2007.



Terrence M. Brooks



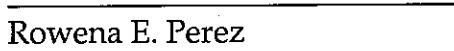
Joseph M. McDonald



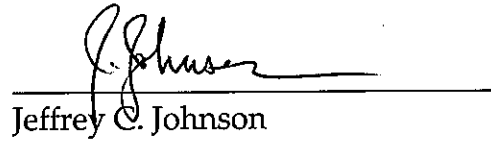
Edward C. Crisostomo



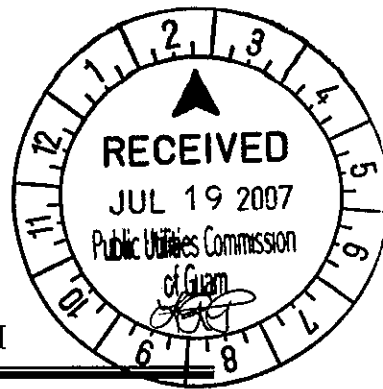
Filomena M. Cantoria



Rowena E. Perez



Jeffrey C. Johnson



**BEFORE THE  
PUBLIC UTILITIES COMMISSION OF GUAM**

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**PETITION OF GUAM )  
WATERWORKS AUTHORITY FOR )  
RATE RELIEF )  
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**DOCKET 07-04  
STIPULATION**

The **GUAM WATERWORKS AUTHORITY** (“GWA”) and **GEORGETOWN CONSULTING GROUP, INC.** (“GCG”), which serves as independent regulatory consultant to the **GUAM PUBLIC UTILITIES COMMISSION** (“PUC”), hereby enter into this evidentiary stipulation and make the following recommendations to the PUC for its consideration:

1. GWA has petitioned the PUC for an increase in its rates that would, if granted, produce additional revenues of \$5,968,974, as shown on the GWA exhibits filed on June 13, 2007 and Exhibit A to the Testimony of Jamshed K. Madan, filed herein on May 9, 2007, Schedule 1, line 51.
2. GWA’s revenue request is driven primarily, but not exclusively, by the following factors:
  - a. The need to provide additional revenues to meet the debt service requirements under GWA’s revenue bonds. This debt service requirement has not previously been recognized by the PUC in GWA’s rates. The annual debt service is \$7.705 million, with payments of both principal and interest having commenced on July 1, 2007.
  - b. The need to increase the amounts contained in reserve funds that GWA is required to maintain under its 2005 Series Bond Indenture and under the Stipulated Order in District Court of Guam Civil Case No. 02-00035, as amended (the “Stipulated Order”).
3. GWA has not requested in this rate proceeding the full amount of revenues required to provide for the full elimination of projected deficiencies in certain of its reserve funds. Despite the revenue increase sought in this proceeding, a significant deficiency in the Operation and Maintenance Renovation Replacement Reserve Fund (“OMRRR Fund”) is projected to remain. While the full debt service and the requirement of the OMRRR Fund are taken into account in the details of the cash flow shown on the revenue requirement schedules and described in the testimony of Randall Wiegand, GWA’s witness, the full

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requirement of the O&M Fund, which GWA estimates requires \$5.9<sup>1</sup> million to be in compliance with the bond indenture, was not included by GWA in its revenue requirements. This was due to a policy decision by the Consolidated Commission on Utilities (“CCU”) that GWA’s ratepayers should not be additionally burdened by a rate increase greater than what GWA has requested. As a result, it appears that even if the revenues requested by GWA are granted in full by the PUC, the result will be that the OMRRR Fund will most likely not be at the level required by GWA’s bond indenture, as discussed in the testimony of Mr. Wiegand.<sup>2</sup>

4. The bond indenture requirements are clearly a legal obligation of GWA, which the PUC is required to provide sufficient revenues to cover. GWA has sought the permission of the United States Environmental Protection Agency to use the Stipulated Order Reserve Fund and the Bond Indenture Reserve Fund interchangeably. The USEPA tentatively agreed to GWA’s request, although it has yet to formally provide GWA with a formal written response to GWA’s request. As a result, GWA agrees to provide a report to the PUC which will fully describe any deficiency in the OMRRR Fund and any other fund balance, as well as specific actions GWA proposes to remedy such deficiencies. GWA will provide its report on this issue not later than September 15, 2007, which report will include an opinion from bond Counsel as to the flow of funds under the Indenture.
5. The pro-forma balance in the OMRRR Fund is computed to be below the amount required by the bond indenture and, possibly, the Stipulated Order requirements. While GCG believes that there are significant adjustments that could be made to the case filed by GWA, the adjustments that could be recommended by GCG would not result in a situation where the projected deficiencies in the required bond indenture funds are all cured. GWA and GCG, therefore, recommend that the entire \$5.9 million rate relief requested by GWA be approved, rather than reducing the rate request by the amount of any possible adjustments that GCG might otherwise recommend. Recommendations as to how this increase should be collected are summarized below.
6. It is recommended that the increased revenues approved by the PUC be implemented by an across the board increase that excludes both the lifeline revenues and the surcharge revenues. The percentage increase on the remaining base rates would be 16.55% as computed by GWA and results in the proposed rates as filed by GWA in this Docket (**GCG Exhibit B1, pages 1-5**). In the event that the PUC does not wish to exclude lifeline revenues in this proceeding from a rate increase, there would be a 14.24% increase on all base rates excluding only the surcharge revenues and fire hydrants (**GCG Exhibit B2, pages 6-10**).

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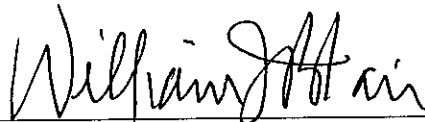
<sup>1</sup> GWA Exhibit C.

<sup>2</sup> Testimony of RV Wiegand, page 13.

7. The Tiyan interim rate should continue as adjusted by the PUC decision in this rate case (**See GCG Exhibit B1**) and to the extent possible a full reconciliation of the bills and usage should be performed at the sunset of this billing provision. GCG testified<sup>3</sup> the situation is very complicated, but both GCG and GWA agree that in no event shall this situation continue beyond two years from the PUC decision in this Docket. It is agreed that GWA is not limited in any way to make any request with regard to the Tiyan rates and reconciliation of existing estimated rates in the next base rate case proceeding, but will affirmatively address this issue in its filing.
  
8. The ALJ required that GWA address an alleged conflict between the rules and regulations and the practice of charging new customers for installation of meters in its rate filing in this Docket.<sup>4</sup> GWA agrees to review its current tariff, rate schedules and rules and regulations to review whether there is any inconsistency or ambiguity regarding customer payments for installation of equipment required for new service and if so to propose an appropriate solution and process to remedy the situation. GWA agrees that it will take the matter to the Consolidated Commission on Utilities for their consideration and disposition and that GWA will provide a report no later than September 15, 2007 on the issue of customer payments for installment of equipment required for new service.

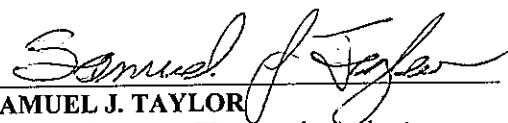
**GEORGETOWN CONSULTING  
GROUP, INC.**

By: **BLAIR STERLING JOHNSON  
MARTINEZ & LEON GUERRERO**  
A PROFESSIONAL CORPORATION

By:   
**WILLIAM J. BLAIR**  
*Attorneys for Georgetown Consulting Group, Inc.*

DATED: JULY 18, 2007

**GUAM WATERWORKS AUTHORITY**

By:   
**SAMUEL J. TAYLOR**  
*Attorney for Guam Waterworks Authority*

DATED: JULY 18, 2007

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<sup>3</sup> Testimony of Georgetown Consulting Group, May 2007, page s 24-26.

<sup>4</sup> HMB Letter to David R. Craddick and Jamshed K Madan, February 2, 2007.



**RECOMMENDED RATES ACROSS THE BOARD  
EXCEPT LIFELINE AND SURCHARGES**

# TARIFF SHEET

FOR WATER/SEWER RATES EFFECTIVE June 1, 2007

*The Guam Waterworks Authority (GWA) Rate Schedule provided herewith went into effect for the billing cycle beginning on June 01, 2007 pursuant to the Public Utilities Commission's Decision and Order dated February 02, 2006.*

## WATER RESIDENTIAL WATER

Meter Size	Basic Water Charge	Lifeline Water Consumption Per K/Gal for Less than 5000 Gallons	Water Consumption Per K/Gal for Greater Than 5000 Gallons
3/4"	8.69	2.40	4.14
1"	10.15	2.40	4.14
1 1/2"	15.93	2.40	4.14
2"	20.29	2.40	4.14
3"	36.24	2.40	4.14
4"	50.72	2.40	4.14
6"	94.20	2.40	4.14
8"	137.68	2.40	4.14
10"	188.41	2.40	4.14
12"	224.63	2.40	4.14

## COMMERCIAL & GOVERNMENT WATER

Meter Size	Basic Water Charge	Water Consumption Per K/GAL
3/4"	8.69	5.15
1"	10.15	5.15
1 1/2"	15.93	5.15
2"	20.29	5.15
3"	36.24	5.15
4"	50.72	5.15
6"	94.20	5.15
8"	137.68	5.15
10"	188.41	5.15
12"	224.63	5.15

EXHIBIT B-1

**RECOMMENDED RATES ACROSS THE BOARD  
EXCEPT LIFELINE AND SURCHARGES**

**AGRICULTURE & IRRIGATION WATER**

Meter Size	Basic Water Charge	Water Consumption Per K/GAL
3/4"	8.69	1.71
1"	10.15	1.71
1 1/2"	15.93	1.71
2"	20.29	1.71
3"	36.24	1.71
4"	50.72	1.71
6"	94.20	1.71
8"	137.68	1.71
10"	188.41	1.71
12"	224.63	1.71

**WASTEWATER**

Sewer Rates	Rate
Residential (flat Monthly Rate)	22.00
Commercial 1 (per 1000 gallons*)	2.83
Commercial 2 (per 1000 gallons*)	6.91
Commercial 3 (per 1000 gallons*)	9.58
Government and Federal (per 1000 gallons*)	4.05

\*Rates applied to 80% of water consumption.

**SURCHARGES**

**GPA/Navy 2001 SURCHARGE:** A rate of **8.03%** of the non-lifeline portion of bills for all customer classes established for the purpose of paying arrearages owed by GWA to the Guam Power Authority, the United States Navy, and the Public Utilities Commission

**SUPPLEMENTAL ANNUITY SURCHARGE:** A rate of **3.49%** of the non-lifeline portion of bills for all customer classes and types established for the purpose of allowing GWA to recover costs assessed by the Guam Legislature for the purpose of paying benefits to retirees of the Guam Waterworks Authority and the Public Utility Agency of Guam.

**RECOMMENDED RATES ACROSS THE BOARD  
EXCEPT LIFELINE AND SURCHARGES**

**MISCELLANEOUS CHARGES**

<b>Description</b>	<b>Meter/Detail</b>	<b>Rate</b>
<b>Service Reconnection</b>	3/4" to 1-1/2" meters	45.00
	2" meter and larger	145.00
<b>Special Reading</b>		15.00
<b>Bill Analysis</b>		10.00
<b>Verification time test</b>		45.00
<b>Bench Test</b>	1 <sup>st</sup> . Test (w/in one year)	no charge
	3/4" to 1-1/2" meters	85.00
	2" meter and larger	175.00
<b>Fire Hydrant Fee</b>		25.00/month
<b>Bulk Water Sales</b>		\$3.00/kgal
<b>Meter Relocation</b>		at cost
<b>Return Check Charge</b>		30.00
<b>Sewer Connection Permit:</b>	Residential	50.00
	Commercial	at cost
	Government	at cost
<b>Bulk Sewage Dumping</b>	Permit Charge	\$200.00/truck
	Discharge (<5 kgal)	\$25.00/truck
	Discharge (5> kgal)	\$5.00/truck
<b>Meter Installation</b>		at cost
<b>Water Service Deposit</b>	3/4"	32.00
	1"	37.00
	1 1/2"	55.00
	2"	73.00
	3"	123.00
	4"	178.00
	6"	313.00
	8"	378.00
	10"	660.00
	12"	773.00
<b>Sewer Service Deposit</b>	Residential	20.00
	Commercial I	60.00
	Commercial II	650.00
	Commercial III	1,400.00
	Metered Industrial	5,000.00

**RECOMMENDED RATES ACROSS THE BOARD  
EXCEPT LIFELINE AND SURCHARGES**

<b>Pressure Reading</b>		<b>25.00</b>
<b>Direct Service (authorized by GWA)</b>	<b>3/4"</b>	<b>60.00</b>
	<b>1"</b>	<b>60.00</b>
	<b>1 1/2"</b>	<b>70.00</b>
	<b>2"</b>	<b>120.00</b>
	<b>3"</b>	<b>180.00</b>
	<b>4"</b>	<b>240.00</b>
	<b>6"</b>	<b>360.00</b>
	<b>8"</b>	<b>480.00</b>
	<b>10"</b>	<b>600.00</b>
	<b>12"</b>	<b>720.00</b>
<b>Illegal Connection</b>	<b>Basic Water Charge</b>	<b>Plus Estimated Water</b>
<b>3/4"</b>	<b>2,500.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>1"</b>	<b>5,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>1 1/2"</b>	<b>7,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>2"</b>	<b>10,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>3"</b>	<b>12,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>4"</b>	<b>15,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>6"</b>	<b>17,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>8"</b>	<b>20,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>10"</b>	<b>22,500.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>12"</b>	<b>26,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>Meter Tampering</b>	<b>Penalty</b>	<b>500.00</b>
	<b>Estimated Water Loss</b>	<b>3.00/kgal-5.15 kgal</b>
<b>Illegal Sewage Dumping</b>		<b>500.00</b>

RECOMMENDED RATES ACROSS THE BOARD  
EXCEPT LIFELINE AND SURCHARGES

**Tiyan Estimated Monthly Bill**

<b>Basic Water Charge</b>	<b>\$8.69</b>
<b>Basic Sewer Charge</b>	<b>22.00</b>
<b>Water Usage @ 7,360 Gals</b>	<b>21.76</b>
<b>GPA/Navy Surcharge<sup>1</sup></b>	<b>1.48</b>
<b>Supplemental Annuity Surcharge<sup>1</sup></b>	<b>.64</b>
<b>Total Estimated Charge</b>	<b>\$54.57</b>

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<sup>1</sup> Applied on Non-Life Usage and Basic Water Charge

**RECOMMENDED RATES ACROSS THE BOARD**  
 Except Surcharges

# TARIFF SHEET

FOR WATER/SEWER RATES EFFECTIVE June 1, 2007

*The Guam Waterworks Authority (GWA) Rate Schedule provided herewith went into effect for the billing cycle beginning on June 01, 2007 pursuant to the Public Utilities Commission's Decision and Order dated February 02, 2006.*

## WATER RESIDENTIAL WATER

Meter Size	Basic Water Charge	Lifeline Water Consumption Per K/Gal for Less than 5000 Gallons	Water Consumption Per K/Gal for Greater Than 5000 Gallons
3/4"	8.52	2.74	4.06
1"	9.95	2.74	4.06
1 1/2"	15.62	2.74	4.06
2"	19.89	2.74	4.06
3"	35.52	2.74	4.06
4"	49.72	2.74	4.06
6"	92.33	2.74	4.06
8"	134.95	2.74	4.06
10"	184.67	2.74	4.06
12"	220.17	2.74	4.06

## COMMERCIAL & GOVERNMENT WATER

Meter Size	Basic Water Charge	Water Consumption Per K/GAL
3/4"	8.52	5.05
1"	9.95	5.05
1 1/2"	15.62	5.05
2"	19.89	5.05
3"	35.52	5.05
4"	49.72	5.05
6"	92.33	5.05
8"	134.95	5.05
10"	184.67	5.05
12"	220.17	5.05

**RECOMMENDED RATES ACROSS THE BOARD**  
Except Surcharges

**AGRICULTURE & IRRIGATION WATER**

Meter Size	Basic Water Charge	Water Consumption Per K/GAL
¾"	8.52	1.68
1"	9.95	1.68
1 ½"	15.62	1.68
2"	19.89	1.68
3"	35.52	1.68
4"	49.72	1.68
6"	92.33	1.68
8"	134.95	1.68
10"	184.67	1.68
12"	220.17	1.68

**WASTEWATER**

Sewer Rates	Rate
Residential (flat Monthly Rate)	25.13
Commercial 1 (per 1000 gallons*)	2.63
Commercial 2 (per 1000 gallons*)	6.41
Commercial 3 (per 1000 gallons*)	8.89
Government and Federal (per 1000 gallons*)	3.76

\*Rates applied to 80% of water consumption.

**SURCHARGES**

**GPA/Navy 2001 SURCHARGE:** A rate of 8.33% of the non-lifeline portion of bills for all customer classes established for the purpose of paying arrearages owed by GWA to the Guam Power Authority, the United States Navy, and the Public Utilities Commission

**SUPPLEMENTAL ANNUITY SURCHARGE:** A rate of 3.62% of the non-lifeline portion of bills for all customer classes and types established for the purpose of allowing GWA to recover costs assessed by the Guam Legislature for the purpose of paying benefits to retirees of the Guam Waterworks Authority and the Public Utility Agency of Guam.

**RECOMMENDED RATES ACROSS THE BOARD**  
Except Surcharges

**MISCELLANEOUS CHARGES**

Description	Meter/Detail	Rate
Service Reconnection	3/4" to 1-1/2" meters	45.00
	2" meter and larger	145.00
Special Reading		15.00
Bill Analysis		10.00
Verification time test		45.00
Bench Test	1 <sup>st</sup> . Test (w/in one year)	no charge
	3/4" to 1-1/2" meters	85.00
	2" meter and larger	175.00
Fire Hydrant Fee		25.00/month
Bulk Water Sales		\$3.00/kgal
Meter Relocation		at cost
Return Check Charge		30.00
Sewer Connection Permit:	Residential	50.00
	Commercial	at cost
	Government	at cost
Bulk Sewage Dumping	Permit Charge	\$200.00/truck
	Discharge (<5 kgal)	\$25.00/truck
	Discharge (5> kgal)	\$5.00/truck
Meter Installation		at cost
Water Service Deposit	3/4"	32.00
	1"	37.00
	1 1/2"	55.00
	2"	73.00
	3"	123.00
	4"	178.00
	6"	313.00
	8"	378.00
	10"	660.00
12"	773.00	
Sewer Service Deposit	Residential	20.00
	Commercial I	60.00
	Commercial II	650.00
	Commercial III	1,400.00
	Metered Industrial	5,000.00



**RECOMMENDED RATES ACROSS THE BOARD**  
**Except Surcharges**

<b>Pressure Reading</b>		<b>25.00</b>
<b>Direct Service (authorized by GWA)</b>	<b>3/4"</b>	<b>60.00</b>
	<b>1"</b>	<b>60.00</b>
	<b>1 1/2"</b>	<b>70.00</b>
	<b>2"</b>	<b>120.00</b>
	<b>3"</b>	<b>180.00</b>
	<b>4"</b>	<b>240.00</b>
	<b>6"</b>	<b>360.00</b>
	<b>8"</b>	<b>480.00</b>
	<b>10"</b>	<b>600.00</b>
	<b>12"</b>	<b>720.00</b>
<b>Illegal Connection</b>	<b>Basic Water Charge</b>	<b>Plus Estimated Water</b>
<b>3/4"</b>	<b>2,500.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>1"</b>	<b>5,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>1 1/2"</b>	<b>7,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>2"</b>	<b>10,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>3"</b>	<b>12,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>4"</b>	<b>15,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>6"</b>	<b>17,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>8"</b>	<b>20,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>10"</b>	<b>22,500.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>12"</b>	<b>26,000.00</b>	<b>3.00/kgal 5.15 kgal</b>
<b>Meter Tampering</b>	<b>Penalty</b>	<b>500.00</b>
	<b>Estimated Water Loss</b>	<b>3.00/kgal-5.15 kgal</b>
<b>Illegal Sewage Dumping</b>		<b>500.00</b>

RECOMMENDED RATES ACROSS THE BOARD  
Except Surcharges

**Tiyan Estimated Monthly Bill**

Basic Water Charge	\$8.52
Basic Sewer Charge	25.13
Water Usage @ 7,360 Gals	23.28
GPA/Navy Surcharge <sup>2</sup>	1.51
Supplemental Annuity Surcharge <sup>1</sup>	.65
Total Estimated Charge	\$59.09

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<sup>2</sup> Applied on Non-Life Usage and Basic Water Charge