



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

GUAM WATERWORKS AUTHORITY WORK SESSION

CCU Conference Room
4:30 p.m., Tuesday, March 16, 2021

AGENDA

1. CALL TO ORDER

2. ISSUES FOR DECISION

- 2.1 [Relative to Approving the Charge-Off of Guam Waterworks Authority Receivables Deemed Uncollectible / Resolution No. 13-FY2021](#)
- 2.2 [Relative to Updating the Guam Waterworks Authority Overtime Policy for Exempt Employees / Resolution No. 14-FY2021](#)
- 2.3 Relative to Authorizing the Management of Guam Power Authority and Guam Waterworks Authority to Procure Merchant Services / GWA Resolution No. 15-FY2021; GPA Resolution No. 2021-06
- 2.4 [Relative to the Approval of the Board's Confirmation of Management's March 2020 Pandemic Pay Decision / GWA Resolution No. 16-FY2021; GPA Resolution No. 2021-07](#)

3. GM REPORT

- 3.1 [GM Summary](#)

4. ISSUES FOR DISCUSSION

5. OTHER DISCUSSION

- 5.1 CCU Rules Update

6. DIVISION REPORTS

- 6.1 Communications
- 6.2 [Compliance & Safety](#)
- 6.3 [Customer Service](#)
- 6.4 [Engineering](#)
- 6.5 [Finance](#)
- 6.6 [Operations](#)

7. ANNOUNCEMENTS

- 7.1 Next CCU Meetings: GPA Work Session: March 18; CCU Regular Monthly Mtg.: March 23

8. ADJOURNMENT



Issues for Decision

Resolution No. 13- FY2021

Relative to Approving the Charge-off of Guam Waterworks Authority Receivables Deemed Uncollectible

What is the project's objective and is it necessary and urgent?

It is good accounting practice to regularly review accounts receivable to ensure the Allowance for Doubtful Accounts is appropriate and to write off accounts that are deemed uncollectible. If uncollectible receivables are not written off regularly, eg annually, Accounts Receivable and the related Allowance become overstated.

The last write off was performed in May 2020. We are proposing this resolution currently to prepare accounts for the transition to the new system in May 2021.

Where is the location?

Not applicable

How much will it cost?

Proposed amounts to be charged off are \$1,593,153.

Account	Count	Amount
Trade Receivables	110	\$ 1,471,105
Accounts Receivable, Government	2	59,483
Accounts Receivable, Others	8	62,565
Total	120	\$ 1,593,153

Accounts Receivable, Government are for accounts billed to 1) Guam International Airport of \$13, 944 for work conducted in 2001, 2012, and 2014 and 2) Guam Power Authority of \$45,539 for work conducted between 2004 and 2016. Equipment rental of \$12,208 in 2014 is the largest charge to GIAA and work at Fadian in 2013 of \$25,484 is the largest charge to GPA. GWA continues to bill for these amounts owed.

Accounts Receivable, Others are for accounts billed to business from 2001 to 2017. Many of the smaller billings are for sewer discharge. The larger amounts are for work orders, the largest of which is to Coretech for work done between 2009 and 2012 totaling

\$29,743. These businesses have all been recently contacted and we continue to work on collecting these outstanding amounts.

As receivables are written off, the Allowance is adjusted. The write off of receivables will not impact income as the amounts were expensed as the Allowance was adjusted, i.e., the write off will reduce the Accounts Receivable and the Allowance for Doubtful Accounts balances on the Statement of Net Position (aka Balance Sheet).

Note, if these receivables are eventually collected, the amounts will be recognized as Miscellaneous Income.

When will it be completed?

As soon as approved by the CCU.

What is the funding source?

Not applicable

The RFP/BID responses (if applicable):

Not applicable.



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GWA RESOLUTION NO. 13-FY2021

RELATIVE TO APPROVING THE CHARGE-OFF OF GUAM WATERWORKS AUTHORITY RECEIVABLES DEEMED UNCOLLECTIBLE

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual, and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, the Guam Waterworks Authority (“GWA”) is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, GWA Finance regularly reviews accounts receivable and recognizes that not all accounts will be collectible through the Allowance of Doubtful Accounts; and

WHEREAS, despite best efforts by GWA to collect outstanding balances, the age of certain receivables exceeds the statute of limitations per 7 GCA § 1134; and

WHEREAS, documentation for many of these receivables are not easily found; and

WHEREAS, it is good accounting practice to regularly write off accounts that are deemed uncollectible; and

WHEREAS, after consideration of the aforementioned, management recommends GWA charge off \$1,593,153 as summarized herein and further detailed in Exhibit A:

Account	Count	Amount
Trade Receivables	110	\$ 1,471,105
Accounts Receivable, Government	2	59,483
Accounts Receivable, Others	8	62,565
Total	120	\$ 1,593,153

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1 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
2 does hereby approve the following:

- 3 1. The recitals set forth above hereby constitute the findings of the CCU.
4 2. The CCU affirms management's recommendation to charge off these past due
5 inactive receivables for accounts for which reasonable efforts were made to
6 collect \$1,593,153; the breakdown by year is outlined in Exhibit A.

7 **RESOLVED**, that the Chairman certified, and the Board Secretary attests to the adoption
8 of this Resolution.

10 **DULY AND REGULARLY ADOPTED**, this 23rd day of March 2021.

12 Certified by:

Attested by:

15 _____
16 **JOSEPH T. DUENAS**
Chairperson

MICHAEL T. LIMTIACO
Secretary

18 **SECRETARY'S CERTIFICATE**

20 I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as
21 evidenced by my signature above do hereby certify as follows:

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

26 AYES: _____

27 NAYS: _____

28 ABSENT: _____

30 ABSTAIN: _____

31 ///

32 ///

Guam Waterworks Authority
Schedule of Proposed Receivables Charge Off
Summary by Fiscal Year and Class

Exhibit A

YEAR	AGRICULTURAL	COMMERCIAL	GOVERNMENT	HOTEL	RESIDENTIAL	TOTAL
<2014		\$ 34,165	\$ 35,180			\$ 69,345
2014		5,994	17,226			23,220
2015	1,363	209,390	4,860		100,748	316,361
2016	13,145	84,675	8,194	110	819,811	925,935
2017	3,293	40,303			214,696	258,292
TOTALS	\$ 17,801	\$ 374,527	\$ 65,460	\$ 110	\$ 1,135,255	\$ 1,593,153

1. Government Total includes \$5,977 in Trade Receivables and \$59,483 in Government Accounts Receivable
2. Commercial Total includes \$311,962 in Trade Receivables and \$62,565 in Other Accounts Receivable



Issues for Decision

Resolution No. 14-FY2021

Relative to Updating the Guam Waterworks Authority Overtime Policy for Exempt Employees

What is the project's objective and is it necessary and urgent?

The objective of this resolution is to enhance consistency in the application and payment of overtime payment to its employees in compliance with the new criterion established in the recently amended federal Fair Labor Standards Act (FLSA). Management has determined the need to align existing pay policies with the FLSA, narrow the applicability of overtime related to emergency situations, and reduce potential overtime liability as a result of CCU Resolution No. 09-FY2010 (Appendix B) that authorized GWA's Exempt CTP employees to be eligible for overtime. This Resolution if approved, will supersede CCU Resolution No. 09-FY2019, authorized and approved on 23 March 2010.

The GWA Management requests that Exempt employees be eligible for overtime:

- 1) during typhoon Conditions of Readiness 1; and
- 2) during subsequent typhoon recovery efforts under a declared state of emergency by the Governor; and
- 3) subject to proper budget authority and other GWA policies in place to ensure overtime is not abused.

Where is the location?

This action affects GWA employees in all locations. The authorization and application of overtime policies for all GWA employees holding CTP positions based on the Fair Labor Standards Act definitions of Non-Exempt and Exempt employees. GWA positions are identified and Non-Exempt or Exempt in Appendix A.

How much will it cost?

Generally, this action will likely result in a cost savings for OT expenditures. Cost will be determined through the General Manager's authority to pre-approve necessary overtime work as necessary in accordance with the GWA Personnel Rules and Regulations, Chapter 7.400, Overtime.

When will it be completed?

Payment of overtime for Non-Exempt CTP employees as listed on appendix A, effective immediately upon approval of this CCU Resolution.

What is the funding source?

Operations and Maintenance

The RFP/BID responses (if applicable):

N/A



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GWA RESOLUTION NO. 14-FY2021

**RELATIVE TO UPDATING THE GWA OVERTIME POLICY
FOR EXEMPT EMPLOYEES**

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual, and policy matters relative to the Guam Waterworks Authority (“GWA”); and

WHEREAS, pursuant to Public Law 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policy for the Guam Waterworks Authority (“GWA”) which includes creating policies applicable to all Certified, Technical and Professional employees; and

WHEREAS, the Guam Waterworks Authority is a Guam Public Corporation established and existing under the laws of Guam; and

WHEREAS, the Fair Labor Standards Act (FLSA), as amended in December 2019, and effective 16 January 2020; enforces the payment of overtime to employees meeting established criteria of positions deemed Exempt and Non-Exempt; and

WHEREAS, the CCU agrees with GWA Management that all employees holding CTP positions listed on appendix A as Non-Exempt be authorized overtime payment subject to proper budget authority and other GWA policies in place to ensure overtime is not abused; and

WHEREAS, CCU Resolution No. 09-FY2010 authorized that all GWA Exempt employees be allowed to earn overtime under any circumstances subject to proper budget authority and other GWA policies in place to ensure overtime is not abused; and

WHEREAS, the CCU agrees with GWA Management that all employees holding CTP positions listed on Appendix A as Exempt are authorized for overtime payment only during typhoon Conditions of Readiness 1 and 2 and subsequent typhoon recovery efforts during a declared state of emergency by the Governor. Overtime payments are subject to proper budget authority and other GWA policies in place to ensure overtime is not abused.

NOW BE IT THEREFORE RESOLVED, the Consolidated Commission on Utilities does hereby approve the following:

1. The recitals set forth above hereby constitute the findings of the CCU.
2. This Resolution shall supersede the previous policy contained in Resolution 90-FY2010.
3. The CCU finds that GWA Management desires to enhance compliance with the FLSA, as amended in December 2019 and effective 16 January 2020, by allowing overtime payment to its employees holding CTP positions deemed as Non-Exempt in Appendix A.
4. The CCU hereby authorizes GWA General Manager to further designate newly created positions as necessary, pursuant to applicable FLSA criteria, as meeting non-exempt status for subsequent inclusion in the GWA Position Inventory shown in Appendix A.
5. The CCU authorizes the GWA General Manager to compensate Exempt employees holding CTP position for overtime only during typhoon Conditions of Readiness 1 and 2 and subsequent typhoon recovery efforts during a declared state of emergency by the Governor; and subsequent to the General Manager's approval.

RESOLVED, that the Chairman certified and the Board Secretary attests to the adoption of this Resolution.

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DULY AND REGULARLY ADOPTED, this 23rd day of March, 2021.

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson

MICHAEL T. LIMTIACO
Secretary

SECRETARY'S CERTIFICATE

I, Michael T. Limtiaco, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and 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:

AYES: _____

NAYS: _____

ABSENT: _____

ABSTAIN: _____

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GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Non-Exempt	0.230	Legal Secretary III	1
Non-Exempt	0.431	Utility Payroll Clerk II	1
Non-Exempt	0.432	Utility Payroll Clerk III	1
Non-Exempt	0.434	Utility Cashier I	1
Non-Exempt	0.435	Utility Cashier II	1
Non-Exempt	0.512	Computer Operator I	1
Non-Exempt	0.515	Computer Operator II	1
Non-Exempt	0.518	Computer Operator III	1
Non-Exempt	1.112	Utility Administrative Aide	1
Non-Exempt	1.117	Customer Service Representative	1
Non-Exempt	1.133	Utility Administrative Assistant	1
Non-Exempt	1.220	Land Agent I	1
Non-Exempt	1.221	Land Agent II	1
Non-Exempt	1.222	Land Agent III	1
Non-Exempt	1.433	Utility Storekeeper I	1
Non-Exempt	1.434	Utility Storekeeper II	1
Non-Exempt	1.445	Buyer I	1
Non-Exempt	1.446	Buyer II	1
Non-Exempt	2.387	Utility Accounting Technician I	1
Non-Exempt	2.388	Utility Accounting Technician II	1
Non-Exempt	2.389	Utility Accounting Technician III	1
Non-Exempt	2.509	Utility Personnel Assistant I	1
Non-Exempt	2.510	Utility Personnel Assistant II	1
Non-Exempt	2.640	Programmer Analyst I	1
Non-Exempt	2.641	Programmer Analyst II	1
Non-Exempt	2.685	GIS Analyst I	1
Non-Exempt	2.686	GIS Analyst II	1
Non-Exempt	2.687	GIS Analyst III	1
Non-Exempt	2.805	Legal Secretary I	1
Non-Exempt	2.806	Legal Secretary II	1
Non-Exempt	4.120	Safety Inspector I	1
Non-Exempt	4.121	Safety Inspector II	1
Non-Exempt	4.122	Safety Inspector III	1
Non-Exempt	4.242	Utility Compliance Inspector I	1
Non-Exempt	4.243	Utility Compliance Inspector II	1
Non-Exempt	4.244	Utility Compliance Inspector Leader	1
Non-Exempt	6.205	Construction Inspector I	1
Non-Exempt	6.206	Construction Inspector II	1
Non-Exempt	6.209	Construction Inspector III	1
Non-Exempt	9.305	Building Custodian	1
Non-Exempt	9.499	Trouble Dispatcher	1
Non-Exempt	9.521	Equipment Operator I	1
Non-Exempt	9.522	Equipment Operator II	1
Non-Exempt	9.523	Equipment Operator III	1
Non-Exempt	9.524	Equipment Operator IV	1
Non-Exempt	9.525	Equipment Operator Leader I	1
Non-Exempt	9.526	Equipment Operator Leader II	1
Non-Exempt	9.610	Shop Planner	1
Non-Exempt	9.740	Water Meter Maintenance & Repair Worker I	1
Non-Exempt	9.741	Water Meter Maintenance & Repair Worker II	1

GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Non-Exempt	9.770	Water Meter Reader I	1
Non-Exempt	9.771	Water Meter Reader II	1
Non-Exempt	9.772	Water Meter Reader Leader	1
Non-Exempt	10.161	Automotive Mechanic I	1
Non-Exempt	10.162	Automotive Mechanic II	1
Non-Exempt	10.171	Heavy Equipment Mechanic I	1
Non-Exempt	10.172	Heavy Equipment Mechanic II	1
Non-Exempt	10.175	Heavy Equipment Mechanic Leader	1
Non-Exempt	10.208	Utility Trades Helper	1
Non-Exempt	10.251	Water / Sewer Maintenance Worker I	1
Non-Exempt	10.252	Water / Sewer Maintenance Worker II	1
Non-Exempt	10.255	Water / Sewer Maintenance Leader	1
Non-Exempt	10.261	Carpenter I	1
Non-Exempt	10.262	Carpenter II	1
Non-Exempt	10.265	Carpenter Leader	1
Non-Exempt	10.281	Electrician I	1
Non-Exempt	10.282	Electrician II	1
Non-Exempt	10.285	Electrician Leader	1
Non-Exempt	10.411	Pumping Station Operator I	1
Non-Exempt	10.412	Pumping Station Operator II	1
Non-Exempt	10.415	Pumping Station Leader	1
Non-Exempt	10.421	Sewer Plant Operator I	1
Non-Exempt	10.422	Sewer Plant Operator II	1
Non-Exempt	10.425	Sewer Plant Leader	1
Non-Exempt	10.431	Wastewater Maintenance Mechanic I	1
Non-Exempt	10.432	Wastewater Maintenance Mechanic II	1
Non-Exempt	10.435	Wastewater Maintenance Mechanic Leader	1
Non-Exempt	10.451	Water Plant Operator I	1
Non-Exempt	10.452	Water Plant Operator II	1
Non-Exempt	10.455	Water Plant Leader	1
Non-Exempt	10.461	Plant Electrical Instrument Technician I	1
Non-Exempt	10.462	Plant Electrical Instrument Technician II	1
Non-Exempt	10.463	Plant Electrical Instrument Technician Leader	1
Non-Exempt	10.500	Water & Wastewater Systems Control Dispatcher I	1
Non-Exempt	10.501	Water & Wastewater Systems Control Dispatcher II	1
Non-Exempt	10.880	Leak Detection Technician I	1
Non-Exempt	7.420	Utility Laboratory Technician I	1
Non-Exempt	10.881	Leak Detection Technician II	1
Non-Exempt	7.421	Utility Laboratory Technician II	1
Non-Exempt	10.882	Leak Detection Technician Leader	1
Non-Exempt	7.423	Utility Laboratory Technician Leader	1
Non-Exempt	10.947	Water Distribution System Manager	1
			1
Non-Exempt Total			93
Exempt	0.423	Payroll Supervisor	1
Exempt	0.521	Computer Operations Supervisor	1
Exempt	1.118	Customer Service Representative Supervisor	1
Exempt	1.435	Warehouse Supervisor I	1
Exempt	1.436	Warehouse Supervisor II	1
Exempt	1.438	Inventory Management Officer	1

GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Exempt	1.448	Buyer Supervisor I	1
Exempt	1.449	Buyer Supervisor II	1
Exempt	1.451	Supply Management Administrator	1
Exempt	2.005	Budget Analyst	1
Exempt	2.01	Administrative Officer	1
Exempt	2.02	Management Analyst I	1
Exempt	2.021	Management Analyst II	1
Exempt	2.022	Management Analyst III	1
Exempt	2.023	Management Analyst IV	1
Exempt	2.059	Utility Services Administrator	1
Exempt	2.07	Chief Budget Officer	1
Exempt	2.12	Program Coordinator I	1
Exempt	2.121	Program Coordinator II	1
Exempt	2.122	Program Coordinator III	1
Exempt	2.123	Program Coordinator IV	1
Exempt	2.149	Contracts & Small Claims Administrator	1
Exempt	2.195	Grants Administrator	1
Exempt	2.33	Accountant I	1
Exempt	2.331	Accountant II	1
Exempt	2.332	Accountant III	1
Exempt	2.366	Internal Auditor	1
Exempt	2.379	Controller (Unclassified)	1
Exempt	2.39	Utility General Accounting Supervisor	1
Exempt	2.522	Communications Manager	1
Exempt	2.535	Personnel Specialist I	1
Exempt	2.536	Personnel Specialist II	1
Exempt	2.537	Personnel Specialist III	1
Exempt	2.538	Personnel Specialist IV	1
Exempt	2.559	Personnel Services Administrator	1
Exempt	2.585	Employee Development Specialist I	1
Exempt	2.586	Employee Development Specialist II	1
Exempt	2.587	Employee Development Specialist III	1
Exempt	2.631	Network Systems Administrator	1
Exempt	2.661	Asset Man. and Maint. Information System Officer	1
Exempt	2.67	Information Technology Manager	1
Exempt	2.675	Systems & Programming Administrator	1
Exempt	2.678	Network Analyst	1
Exempt	4.125	Safety Supervisor	1
Exempt	4.14	Senior Regulatory Analyst	1
Exempt	6.226	Right of Way Supervisor	1
Exempt	6.237	GIS/LIS Manager	1
Exempt	6.261	Engineer II (Associate)	1
Exempt	6.262	Engineer III (Senior)	1
Exempt	6.264	Engineer Supervisor	1
Exempt	6.28	Chief Engineer, PE (GWA)	1
Exempt	6.281	Assistant Chief Engineer	1
Exempt	6.283	Senior Engineer, PE	1
Exempt	6.285	Engineer I (Junior)	1
Exempt	6.315	Planner I	1
Exempt	6.316	Planner II	1

GWA Position Inventory by FSLA Exempt Status

Exempt Status	Job Code	Position Title	Total
Exempt	6.317	Planner III	1
Exempt	6.318	Planner IV	1
Exempt	7.13	Biologist I	1
Exempt	7.131	Biologist II	1
Exempt	7.132	Biologist III	1
Exempt	7.23	Chemist I	1
Exempt	7.231	Chemist II	1
Exempt	7.232	Chemist III	1
Exempt	7.248	Monitoring Laboratory Services Administrator	1
Exempt	9.527	Equipment Operator Supervisor	1
Exempt	9.742	Water Meter Maintenance & Repair Supervisor	1
Exempt	9.773	Water Meter Reader Supervisor	1
Exempt	10.177	Heavy Equipment Mechanic Supervisor	1
Exempt	10.257	Water / Sewer Maintenance Supervisor	1
Exempt	10.417	Pumping Station Supervisor	1
Exempt	10.427	Sewer Plant Supervisor	1
Exempt	10.437	Wastewater Maintenance Mechanic Supervisor	1
Exempt	10.438	Centralized Wastewater Maintenance Superintendent	1
Exempt	10.457	Water Plant Supervisor	1
Exempt	10.498	Trouble Dispatcher Supervisor	1
Exempt	10.499	Chief Water and Wastewater Systems Dispatcher	1
Exempt	10.883	Leak Detection Technician Supervisor	1
Exempt	10.883	Utility Laboratory Technician Supervisor	1
Exempt	10.934	Operations & Maintenance Manager	1
Exempt	10.938	Wastewater Collection Superintendent	1
Exempt	10.942	Wastewater Plant Superintendent	1
Exempt	10.944	Wastewater Construction / Maintenance Superintendent	1
Exempt	10.944	Water Construction / Maintenance Superintendent	1
Exempt	10.945	Water Treatment Plant Superintendent	1
Exempt	11.009	Equipment Maintenance Superintendent	1
Exempt	11.011	Plant Electrical Instrument Superintendent	1
Exempt	11.012	Source Control Manager	1
Exempt	11.026	Cross Connection Control Manager	1
Exempt	41.063	General Manager (GWA) (Unclassified)	1
Exempt	41.095	Assistant General Manager Administration & Support (Unclassified)	1
Exempt	41.096	Assistant General Manager Operations (Unclassified)	1
Exempt	(blank)	Assistant Chief Financial Officer (Unclassified)	1
Exempt	(blank)	Assistant General Manager Collection & Distribution (Unclassified)	1
Exempt	(blank)	Assistant General Manager Compliance & Safety (Unclassified)	1
Exempt	(blank)	Assistant General Manager Production & Treatment (Unclassified)	1
Exempt	(blank)	Chief Financial Officer (GWA)	1
Exempt	(blank)	Information Security Administrator	1
Exempt	(blank)	Senior Engineer Supervisor, PE	1
Exempt	(blank)	Staff Attorney	1
Exempt	(blank)	Training & Development Manager	1
Exempt Total			101
Grand Total			194

APPENDIX B

**GUAM CONSOLIDATED COMMISSION ON UTILITIES
RESOLUTION NO. 09 – FY2010**

**RELATIVE TO AUTHORIZING OVERTIME FOR CERTIFIED TECHNICAL
EMPLOYEES OF THE GUAM WATERWORKS AUTHORITY WHO WERE
PREVIOUSLY EXEMPT UNDER THE FAIR LABOR STANDARDS ACT**

WHEREAS, under 12 G.C.A. § 14105, the Consolidated Commission on Utilities (“CCU”) has plenary authority over financial, contractual and policy matters relative to the Guam Waterworks Authority (“GWA”) and the Guam Power Authority (“GPA”); and

WHEREAS, pursuant to Guam Public Law 28-159, and Title 12, Chapter 14 of the Guam Code Annotated, the Consolidated Commission on Utilities has the power and authority to establish policy for the Guam Waterworks Authority, which includes creating policies applicable to all Certified, Technical and Professional employees of the Guam Waterworks Authority; and

WHEREAS, the Fair Labor Standards Act, as amended in 2004, list certain minimum standards for employees who may be deemed to be exempt from overtime; and

WHEREAS, exempt GWA employees are working longer hours and becoming “burnt out” just to ensure that GWA can continue to provide service to its customers given the fact that it is difficult for GWA to hire senior personnel who are properly certified to occupy the positions as evidenced by many open and continuous job announcements; and

WHEREAS, GWA Management has determined that as a matter of policy all Certified Technical and Professional employees occupying exempt positions should no longer be exempt from earning overtime since many of GWA’s supervisors and managers work long hours with no additional compensation for that additional work in order to ensure that the best service is provided to GWA’s customers; and

WHEREAS, the CCU agrees with GWA Management that all CTP exempt employees should be allowed to earn overtime subject to proper budget authority and other GWA policies in place to ensure that overtime is not abused.

1 **WHEREAS**, GWA management recommends that the personnel budget for FY2010 be
2 amended to add an additional four hundred twenty thousand dollars (\$420,000) for the purposes
3 of covering personnel budget shortfalls including increments for non-CTP positions, increases in
4 costs of benefits and CTP exempt overtime costs.

5
6 **WHEREAS**, GWA management further recommends that the CCU reaffirms prior year
7 personnel budgets that were contingent on funding.
8

9
10 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
11 does hereby approve the following policy:
12

- 13 1. Under P.L. 28-159 and Title 12, Chapter 14 of the Guam Code Annotated, the
14 Consolidated Commission on Utilities has the power and authority to establish policy
15 for the Guam Waterworks Authority.
- 16 2. In light of all the hard work and dedication that FLSA exempt CTP employees
17 provide with no additional compensation, all CTP employees who were previously
18 exempt from overtime are no longer exempt and may now earn overtime.
- 19 3. All overtime to be paid under this resolution is subject to proper budget authority and
20 GWA policies in place to ensure that overtime is not abused.
- 21 4. The personnel budget for FY2010 is hereby amended to add an additional four
22 hundred twenty thousand dollars (\$420,000) for:
 - 23 a. the cost to migrate the CTP pay scale from the 5th to the 15th
24 percentile for CTP employees estimated at \$145,600, effective April
25 1, 2010
 - 26 b. the increments for non CTP and “pay for performance” for CTP
27 employees in FY2010 estimated at \$108,006
 - 28 c. exempt overtime costs estimated at \$165,800

29 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
30 of this Resolution.
31
32

DULY AND REGULARLY ADOPTED, this 23rd day of March 2010.

Certified by:

Attested by:



SIMON A. SANCHEZ, II
Chairperson



GLORIA B. NELSON
Secretary

I, Gloria B. Nelson, Board Secretary of the Consolidated Commission on Utilities as evidenced by my signature above do hereby certify as follows:

The foregoing is a full, true and accurate copy of the resolution duly adopted at a regular meeting by the members of the Guam Consolidated Commission on Utilities, duly and 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:

AYES: _____ 4 _____

NAYS: _____ 0 _____

ABSTENTIONS: _____ 0 _____

ABSENT: _____ 1 _____





Issues for Decision

Resolution No. 16- FY2021

Relative to Confirming Management's March 2020 Employee Pandemic Pay Determination

What is the project's objective and is it necessary and urgent?

The objective is to confirm and approve GWA and GPA management's determination that Management followed and applied the required emergency pay provisions of the DoA Personnel Rules and Regulations to all essential employees reporting for duty to their normal work stations during the declared pandemic emergency.

Where is the location?

Not applicable

How much will it cost?

Not applicable.

When will it be completed?

As soon as approved by the CCU.

What is the funding source?

Not applicable

The RFP/BID responses (if applicable):

Not applicable.



CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
P.O. Box 2977 Hagatna, Guam 96932 | (671) 648-3002 | guamccu.org

GPA RESOLUTION NO: 2021-07
GWA RESOLUTION NO. 16-FY2021

**CONFIRMING MANAGEMENT'S MARCH 2020 EMPLOYEE PANDEMIC PAY
DETERMINATION**

WHEREAS, the Governor of Guam issued Executive Order 2020-04 effective March 16, 2020 directing all Government operations to shut-down with the exception of essential services; and

WHEREAS, in order to comply with the Executive Order, the Guam Power Authority (GPA) and Guam Waterworks Authority (GWA) closed all facilities to the public however, adequate crews and other personnel were maintained to provide critical power, water and wastewater services to its customers; and

WHEREAS, GPA and GWA management requested guidance from the Department of Administration and the Attorney General regarding the application of the existing DoA Personnel Rules and Regulations, which were adopted by GWA, referencing pay during a declared emergency; and

WHEREAS, GPA and GWA management received limited guidance which conflicted with and did not clearly clarify the application of emergency pay provisions of the DoA Personnel Rules and Regulations; and

WHEREAS, after lengthy management discussion and review by legal counsel, management determined that without any clear guidance to the contrary, the emergency pay provisions of the DoA Personnel Rules and Regulations would be applied strictly and across the board; and

1 **WHEREAS**, GPA and GWA actions taken conformed with the AG opinion of May 14,
2 2020;

3
4 **NOW BE IT RESOLVED**, the Consolidated Commission on Utilities does hereby
5 confirm and approve of GWA and GPA management's determination to follow and apply the
6 required emergency pay provisions of the DoA Personnel Rules and Regulations to all essential
7 employees reporting for duty to their normal work stations during the declared emergency.
8

9 **FURTHER RESOLVED**, that the Chairman certifies and the Board Secretary attests to
10 the adoption of this Resolution.
11

12 **DULY AND REGULARLY ADOPTED AND APPROVED THIS 23RD DAY OF**
13 **MARCH 2021.**

14 Certified by:

Attested by:

15
16 _____
17 **JOSEPH T. DUENAS**

16 _____
17 **MICHAEL T. LIMTIACO**

18 Chairperson

Secretary

19 Consolidated Commission on Utilities

Consolidated Commission on Utilities

20
21 **SECRETARY'S CERTIFICATE**

22
23 I, **Michael T. Limtiaco**, Board Secretary of the Consolidated Commission on
24 Utilities (CCU), as evidenced by my signature above, do hereby certify as follows:
25

26 The foregoing is a full, true and correct copy of the resolution duly adopted at a
27 regular meeting by the members of the Guam CCU, duly and legally held at a place properly
28 noticed and advertised at which meeting a quorum was present and the members who were
29 present voted as follows:
30

31 AYES: _____

32 NAYS: _____

33 ABSENT: _____

34 ABSTAIN: _____



Management Report

GWA Work Session, March 16, 2021

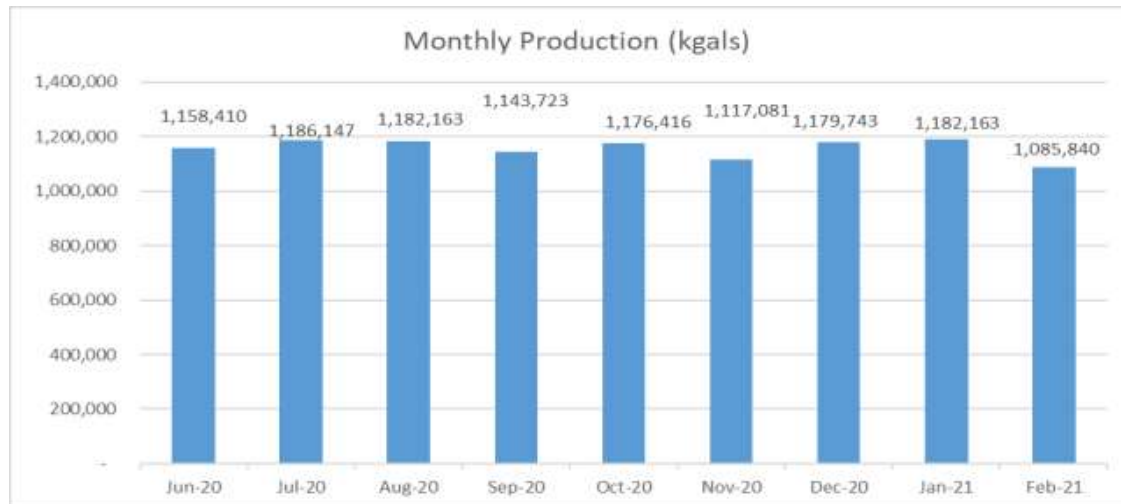


Operations Update

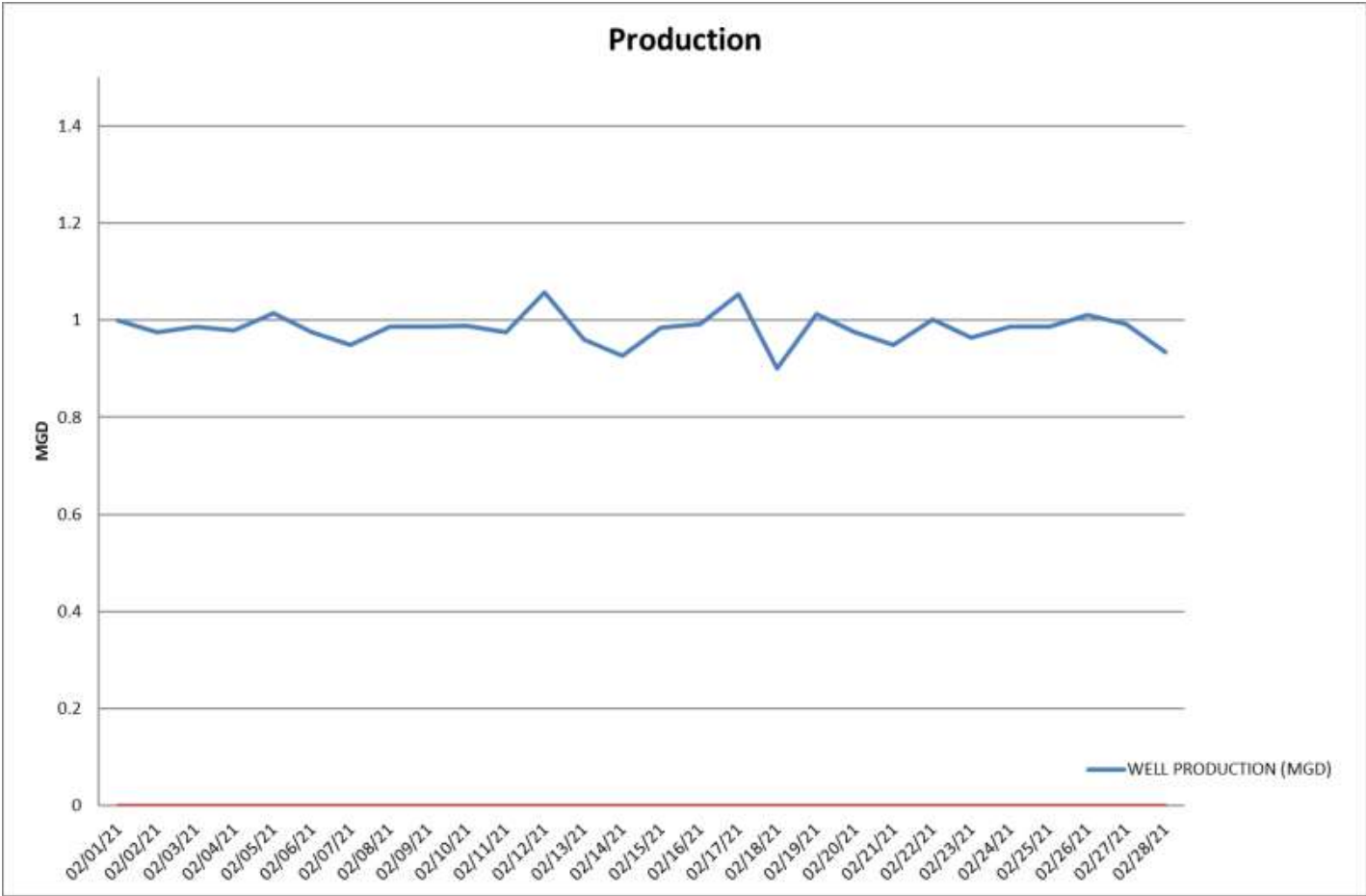
Production (February 2021)

Monthly Production Summary - February 2021			
Deep Wells		35.3 MGD	
Active wells =	95 of 120		
Avg days in operation =	28 days		
Total Production =	989,727 Kgals		
Springs		0.24 MGD	
Avg days in operation =	28 days		
Total Production =	6,749 Kgals		
Ugum Surface Water Plant		2.2 MGD	
Avg days in operation =	28 days		
Total Production =	61,854 Kgals		
Tumon Maui Well		0.98 MGD	
Avg days in operation =	28 days		
Total Production =	27,510 Kgals		
		1,085,840 Kgals	38.8 MGD

DW Status as of 2/28/2021							
Active	95						
Grounded motor or Pump Failure	11	A26-D03-D04-F06-F13-M17A-Y16-Y20-Y22-F15-Y09					
Out of commission	8	A02-A07-A28-D05-D13-M14-MU01-MU05					
Temporarily Secured	2	A23-A25					
Standby	4	A10-A29-F07-F10					
TOTAL	120						

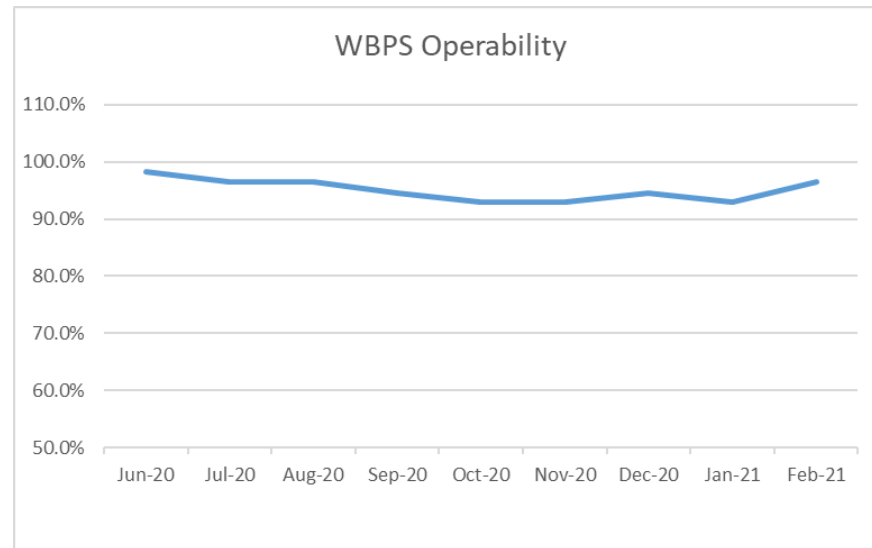


Tumon Maui Well Production (February 2021)

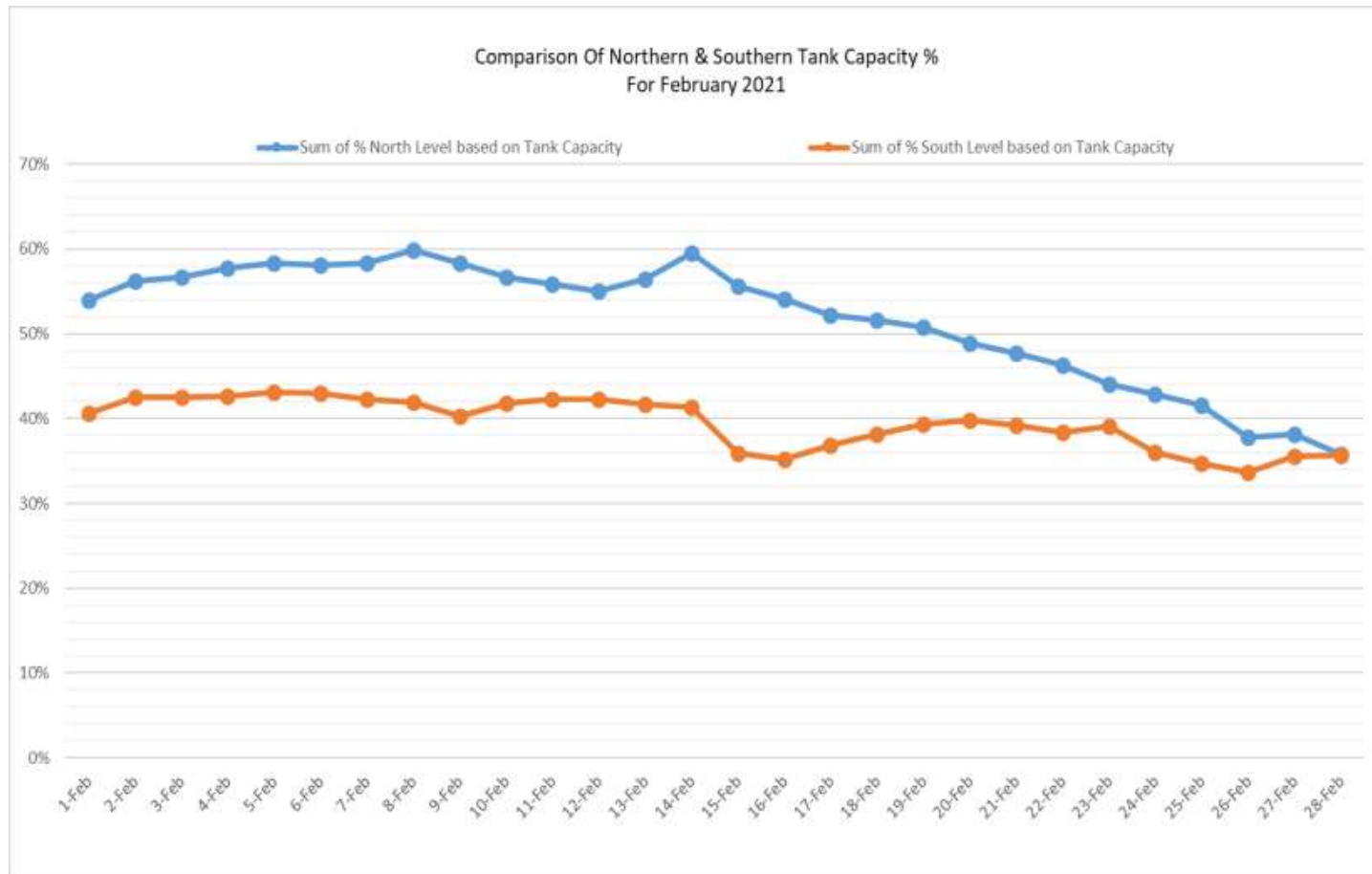


Distribution (February 2021)

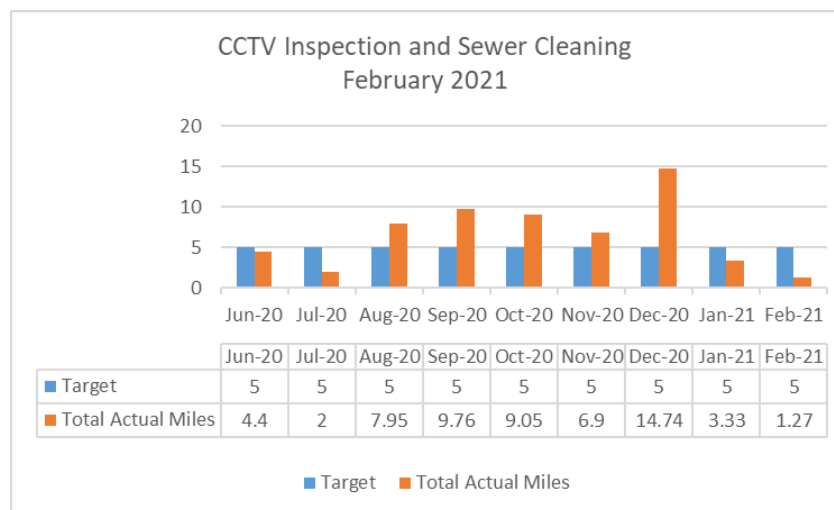
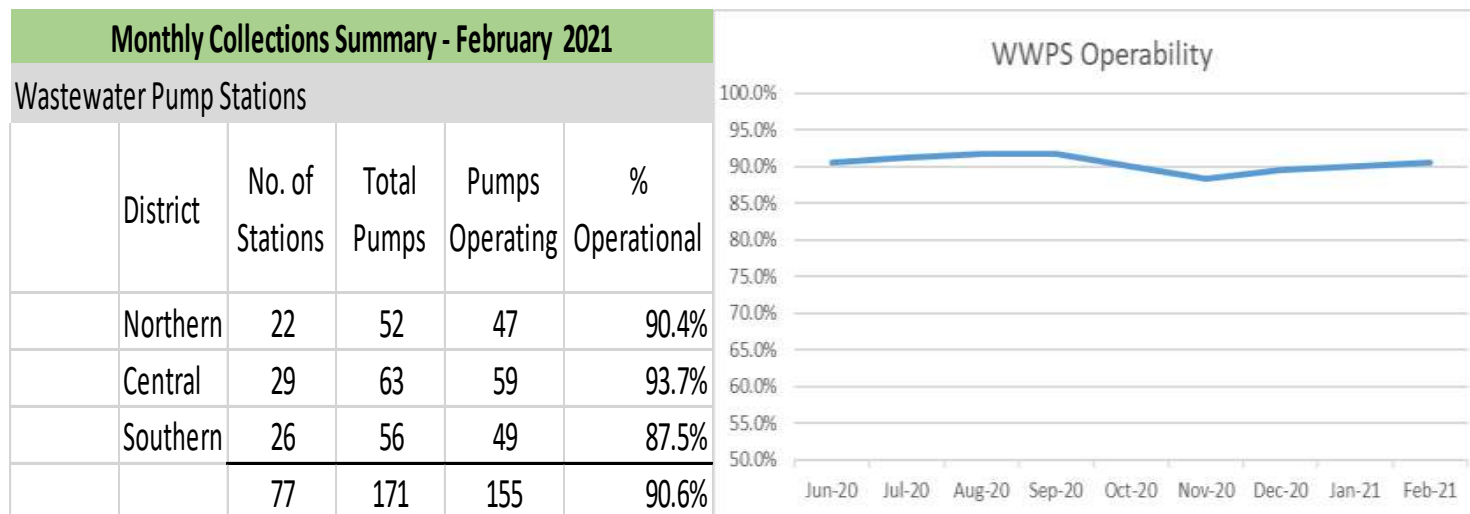
Monthly Distribution Summary - February 2021					
Water Booster Pump Stations					
	District	No. of Stations	Total Pumps	Pumps Operating	% Operational
	Northern	13	26	25	96.2%
	Central	7	14	13	92.9%
	Southern	7	16	16	100.0%
		27	56	54	96.4%



Distribution – Tank Levels (February 2021)



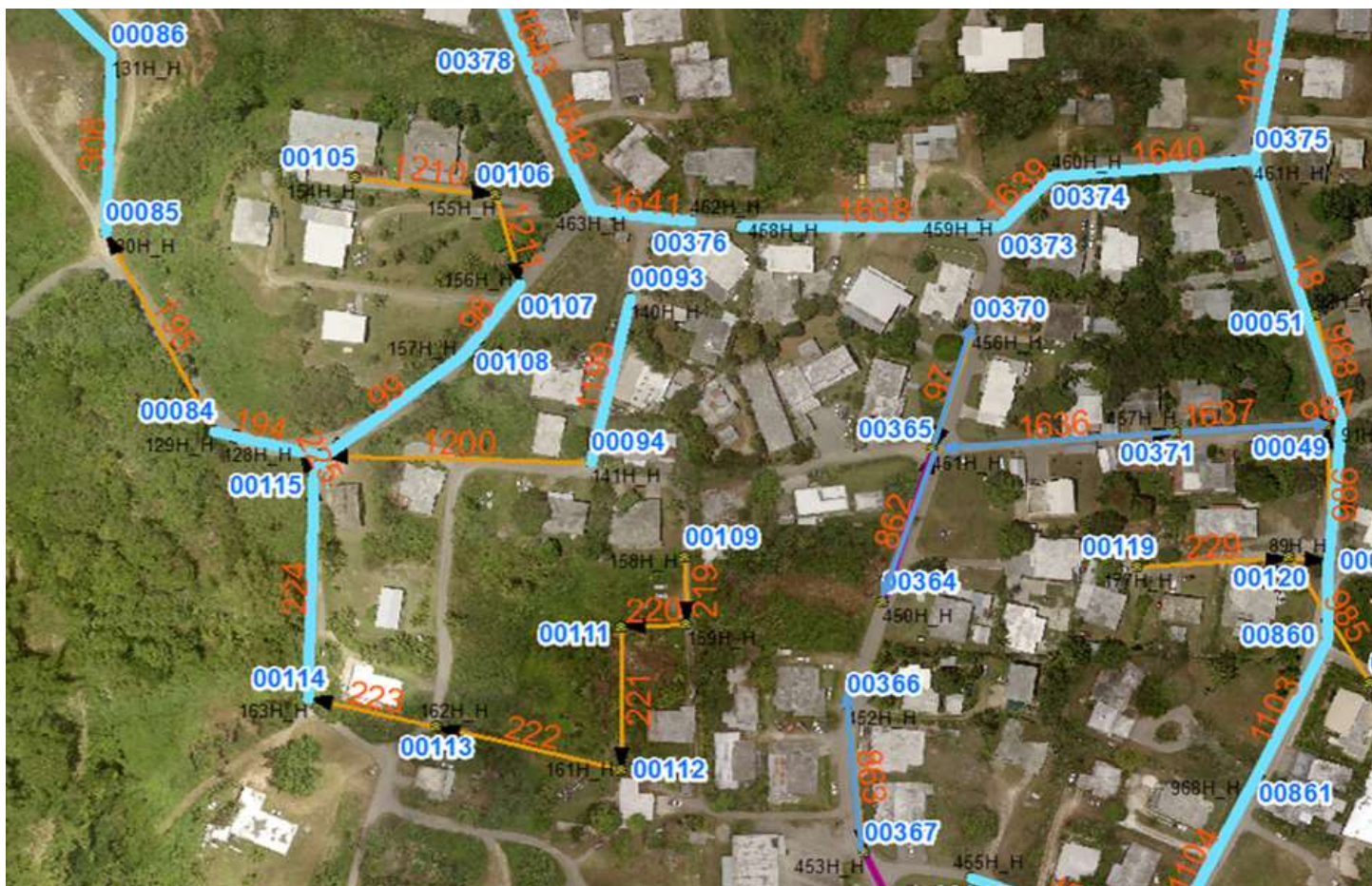
Wastewater Collections (February 2021)





Wastewater Collections –Cleaning/Jetting (February 2021)

Agana Heights

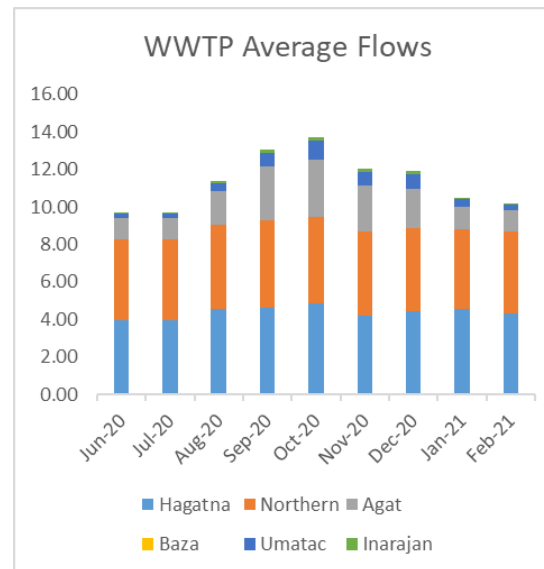


Agana Heights/Sinajana



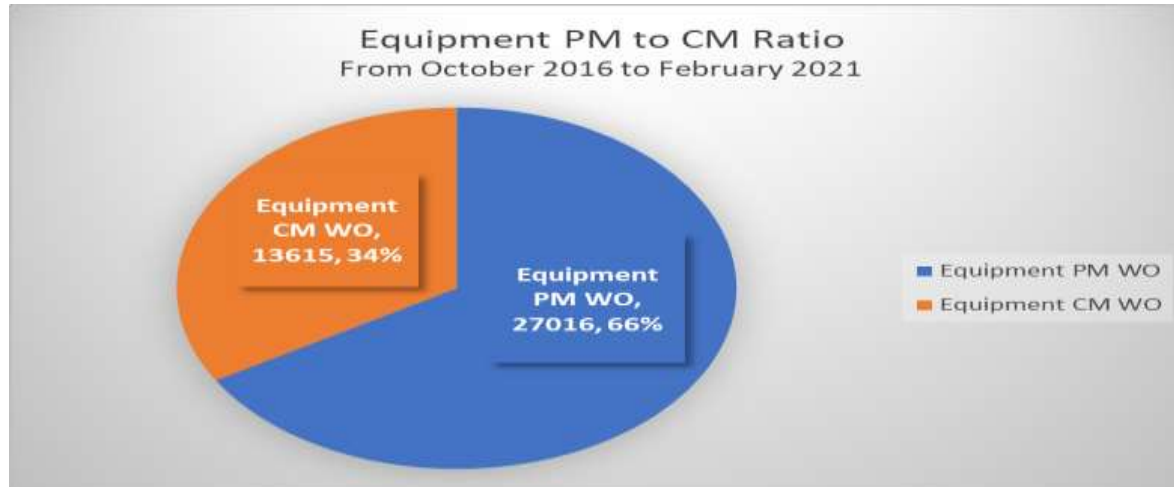
Wastewater Treatment (February 2021)

Monthly Wastewater Treatment Summary - February 2021				
WW Treatment Plants - Flows				
	Facility	Avg. Daily Flows	Sludge (lbs)	Sludge Disp. (\$)
	Hagatna	4.31	657,280	\$ 59,155
	Northern	4.38	1,063,300	\$ 95,697
	Agat	1.16	14,800	\$ 1,332
	Baza	0		
	Umatac	0.25		
	Inarajan	0.06		
		10.16	1,735,380	\$ 156,184

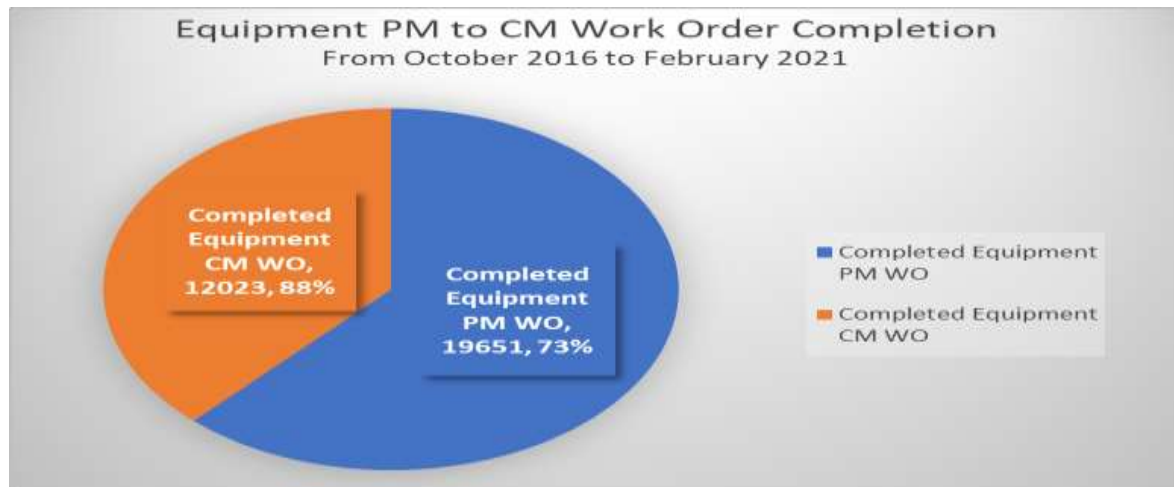


Asset Management (through February 2021)

I. Equipment Preventive Maintenance to Corrective Maintenance *Ratio*

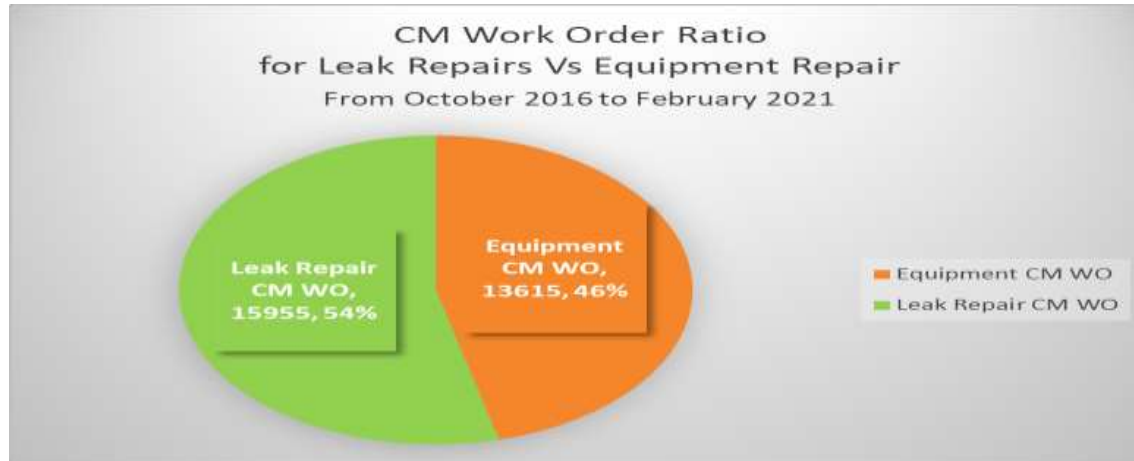


II. Equipment Preventive Maintenance to Corrective Maintenance *Work Order Completion*



Asset Management (February 2021)

III. Corrective Maintenance Work Order **Ratio** for Leak Repairs vs. Equipment Repair



IV. Corrective Maintenance Work Order **Completion** for Leak Repairs vs. Equipment Repair



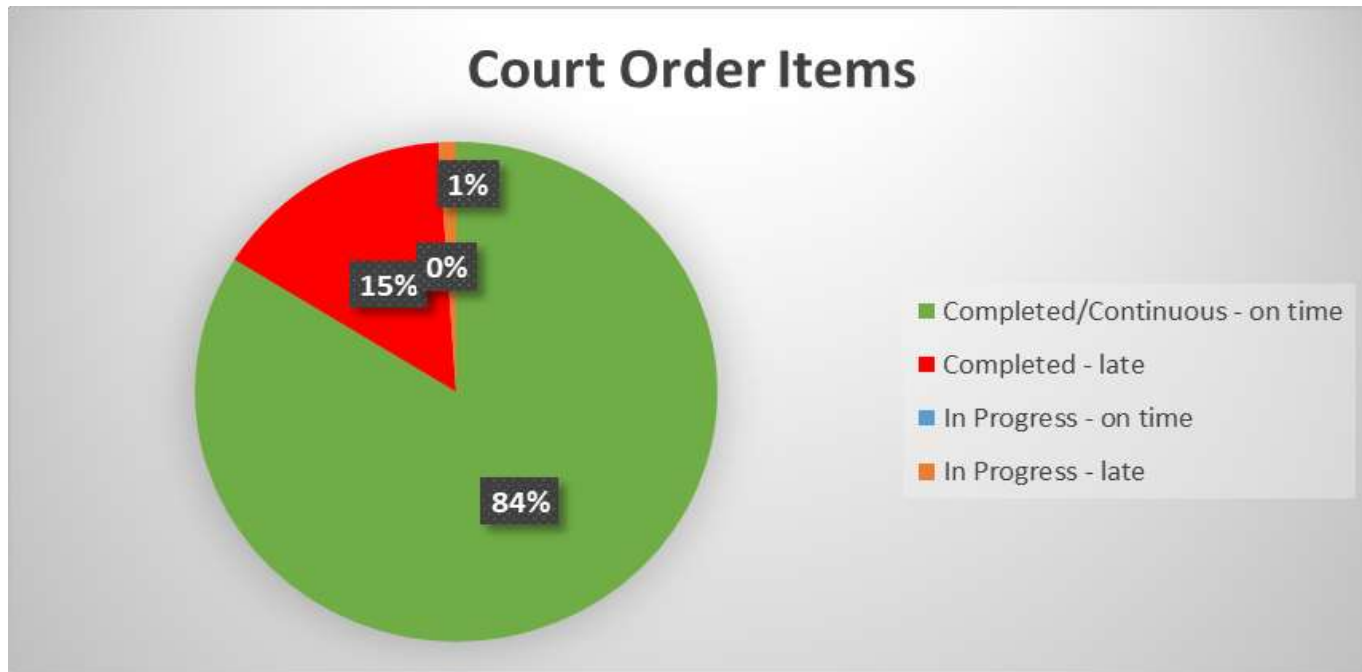
One Guam Update (through February 2021)

- 01- TMW
 - Next inspection is scheduled in April/May.
 - The license expires May 2021; GWA is requesting that the pumping rates be increased to permitted capacity from 800 to 900 gpm in the renew license agreement.
- 04-OEA Projects
 - Observation Wells/NGLA
 - Temporary Construction Easement (TCE) – GWA has not signed the TCES. Although OEA approval of transfer of funds request; the contractor has since pulled out and GWA will re-bid the project.
 - MOA with WERI is still pending the final determination of cost split;
 - Andersen has to be signatory due to the change in the DoD organization changes in the handling of utilities at Andersen.
- 05-Water to Camp Blaz
 - GWA is waiting for a formal request from the Marines on when Camp Blaz needs the water, how much and duration. The Navy will follow up with the Marines Camp Blaz Public Works leadership and then discuss with NAVFACMAR.
- 06-Strategy/Framework Discussion – Proposed Projects for continued discussion for interoperability
 - GWA and DOD have decided on 2 high priority projects
 - 2 High Priorities: Route 16 Intertie & Santa Rosa Intertie
 - Route 16 Intertie – GWA and the Navy will review the information and provide feedback.
 - Santa Rosa Intertie - Andersen working on a presentation for leadership. GWA needs a response from Andersen. This work will be added to the existing contract GWA has with is contractor current tank project.
 - 5 Medium Priority Projects
 - Connection to Route 7 (NRMC area) - this project will be further discussed; The Navy is still dealing with GAC project.
 - Potential support from AG-1 Well for Andersen -
 - Navy Adelup Tank, Potential Interconnect — Awaiting GWA completing alignment in their zone. Brett stated may be a while for this as contractor is doing work on some A-series wells and alignment on Route 4.
 - Andy South Intertie is at Tank 4 towards Route 15. GWA and DOD will share maps of lines in the area with

each other.

- Northern Forest Enhancement – Medium Priority – The Marines are looking into the feasibility of providing their own means of producing water for both this and the Southern forest Enhancement location.
- 07-Property Transfers
 - Transfer of Navy Laterals at Murray Road and NGLA Observation Well BPM-1 to GWA still pending Navy action
- 30-Other
 - Possible Navy WW Diversion to Agat
 - Coordination is ongoing for the details of capacity of Agat Santa Rita WWTP and the GWA's pre-treatment permit requirements.
 - AG-1
 - GWA requested clarification on who will be responsible for the maintenance of the water line connected to AG-1
 - GWA Planners verified the location of the waterline. Unfortunately, the water line is not where it shown on the map; there is no vehicular access, need to consider relocating the line into the existing road (expense involved) or cutting an access road near the line. The maintenance of the line will need to be reflected in the renewed license.

Court Order Summary (February 2021)



	Court Order Items	%	Performance (on-time or completed)
Completed/Continuous - on time	78	84%	
Completed - late	14	15%	
In Progress - on time	0	0%	
In Progress - late	1	1%	98.9%
Totals	93	100%	

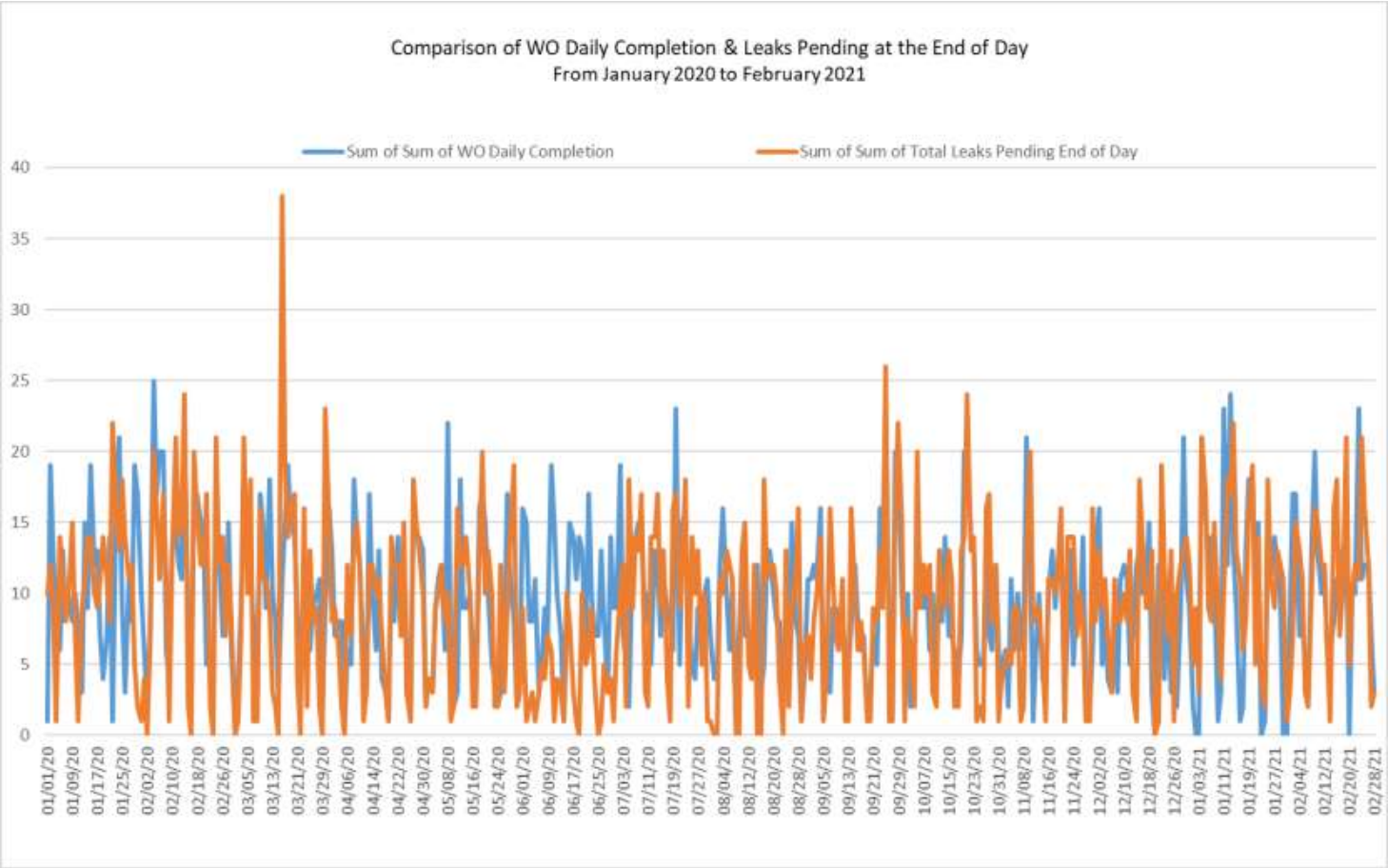
Court Order – Status Information (February 2021)

- 1 item delayed - The Court Order is down to one item remaining, § II, (C), (29) – Storage tank Repair. Restoration, Replacement or Relocation – which is the item that will take longer than the “end” of the court order. That makes us 98.9% done with the CO.
- Final Date to complete all Court Order items will be delayed past December 31, 2020.
 - CO 29(b) has been expanded by 31% beyond the original Court Order Requirements
 - General Counsel filed a motion and proposed order to District Court. Received Order on ***Tuesday, February 16, 2021*** from District Court granting GWA up to June 30, 2023 to complete the last item on the Court Order for the Tanks.
 - Additional impact resulted from delay of 2020 Bond issuance and there is also delay due to COVID-19 impacts
- Overflow or Bypass events reported to USEPA (for January 2021):
 - February 8, 2021 SSO#378 - Redundo Luchan, Dededo - FOG
 - February 11, 2021 SSO#384 - Route 1, GPA Yigo Power Plant - FOG
 - February 13, 2021 SSO#385 - Route 1, GPA Yigo Power Plant - FOG
 - February 22, 2021 SSO#387 - Biradan Paluma, Paradise Estate, Dededo - FOG
 - February 28, 2021, SSO#391 - Aga Drive, Santa Rita - FOG

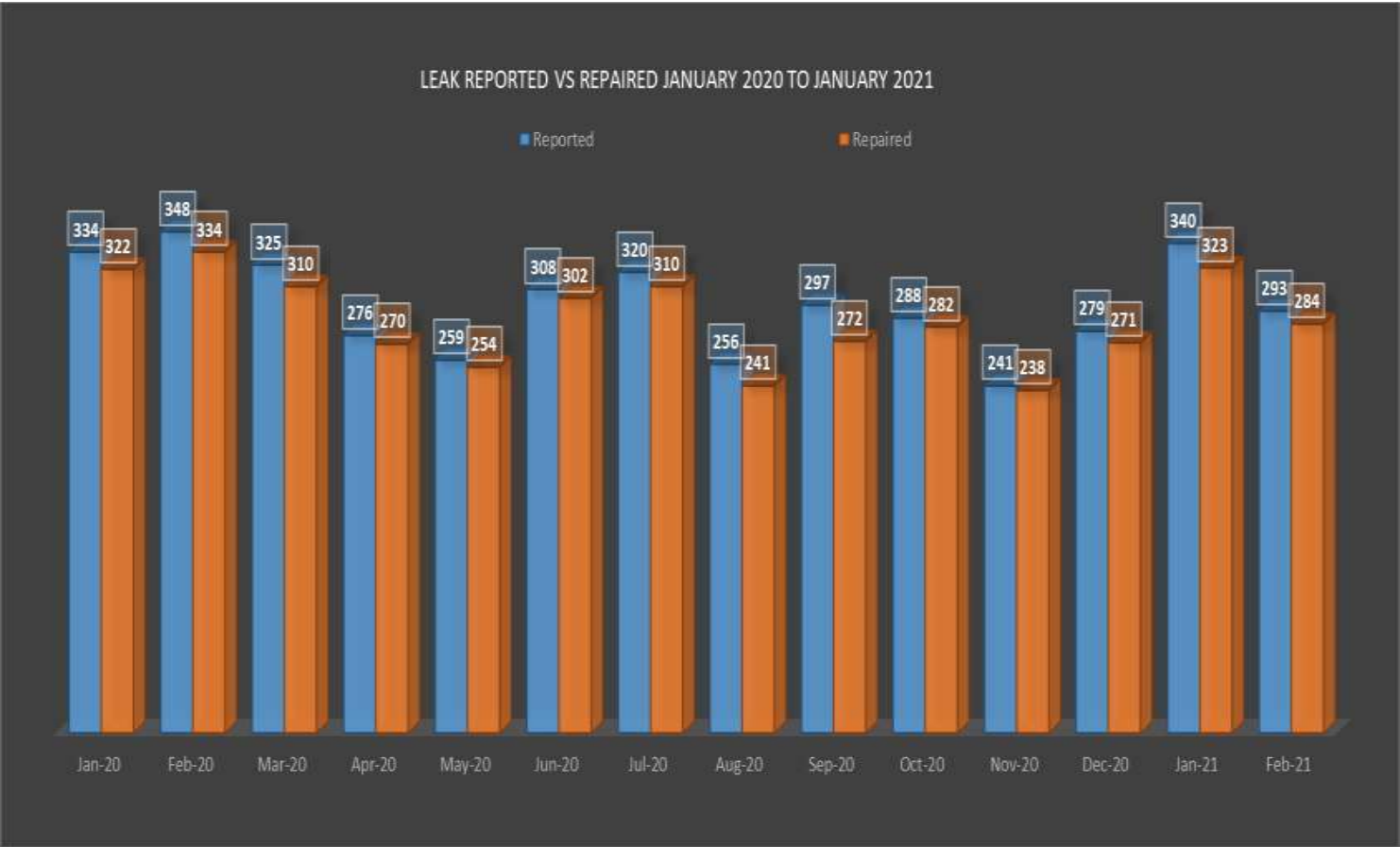
Land Acquisition Summary (through February 2021)

GWA Facility	Location	Gov. or Private Property	Land Acquisition Status
Tanks	Astumbo	Gov't. - CLTC	Petition of Land Registration package forwarded to Attorney General by DLM 11/04/19. 3 rd follow up update status request emailed to DLM 12/14/2020. DLM to check with legal counsel 02/03/2021, update follow up sent 03/02/2021.
	Piti	Private	Received final comments from DoAg. Waiting on the archaeological report before we can submit 299 form. Waiting for permission from NPS to access the lot and perform the Archeological survey.
	Airport	Private	Petition to Approve Sale sent. Per family Attorney on 03/16/2021, still pending hearing date with Superior Court.
Deep Wells	AG-12	Dept. of Agriculture/Manhita Farms	Right of Entry Agreement sent to Dept of AG for signature 05/24/18. 2 nd follow up sent on 09/12/18. 3 rd follow up sent on 04/10/19. Retracement Survey Property Map filed and recorded at DLM 7/10/19. DCA to proceed with survey work for parceling of AG-12 property 01/25/2021.
Booster Pump Station	Agfayan	Private	TGE working on structural design for pump station area for L28, B19, T3734, Inarajan 11/07/19.
Asan Springs	Asan	Federal	In order for NPS to issue a land ROW agreement with GWA, NPS has to complete NEPA first. GWA has HDR under contract to perform this work and an Environmental Assessment will be developed. The permit for the biological survey was submitted on 6/12/2020 and was signed by NPS on 1/22/2021. Further coordination between NPS and SHPO is pending to determine necessary approach for an archaeological survey. February 10, 2021 – Biological Survey at Asan Springs project site was performed, HDR report of findings is pending. However, based on a preliminary finding by HDR's biologist they have found snails close to the site, and within NPS proposed ROW, and outside the proposed ROW. Pending archaeological survey requirements from SHPO.

Leak Repair Summary (through February 2021)



Comparison of Leaks Reported vs. Leaks Repaired (through February 2021)



Monthly Leak Report Cost (through February 2021)



Assumptions:

1. Leak rate = 4 gpm
2. Cost per kgal = \$4.00



GWA Financial Overview

FEBRUARY 2021





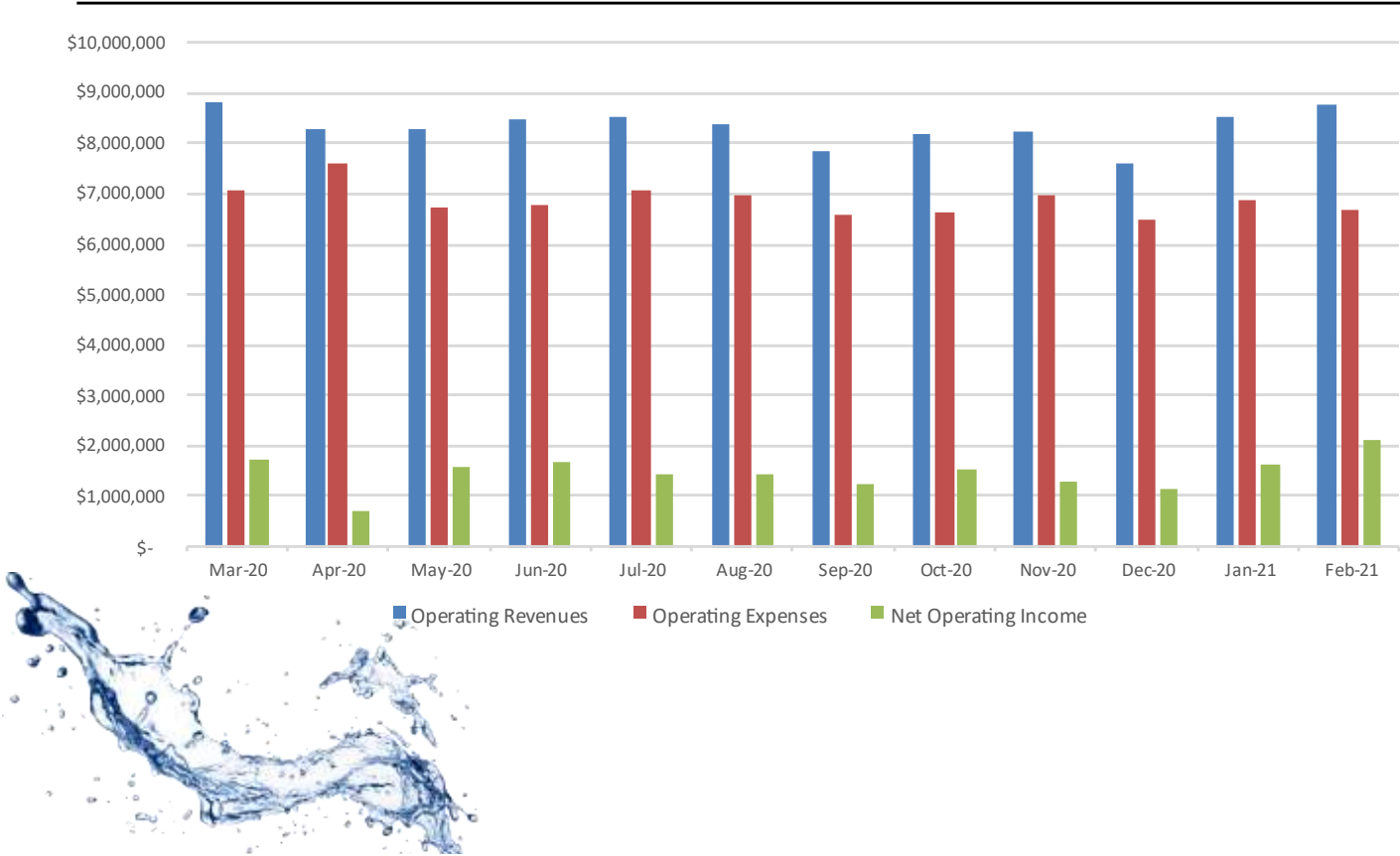
Key Financial Indicators

Indicator	Target	Jan-21	Feb-21
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.30	1.34
• Per PUC / CCU	1.40	1.30	1.34
Days – Cash on Hand	120 days	259 days	293 days
Collection Ratio			
• Month to Date	99%	91%	97%
• Year to Date	99%	95%	95%
Days Billed	30 days	32 days	29 days
Account Receivable Days	30 days	50 days	49 days
Account Payable Days	45 days	32 days	33 days
Employee Count	400 FTE	373 FTE	370 FTE
Water Demand			
• Month to Date	478,754	471,523	438,854
• Year to Date	2,393,771	1,760,915	2,199,768
Wastewater Flow			
• Month to Date	356,472	328,313	320,727
• Year to Date	1,782,382	1,245,027	1,565,754
Water Customers	42,839	43,086	43,202
Wastewater Customers	29,805	29,765	29,867



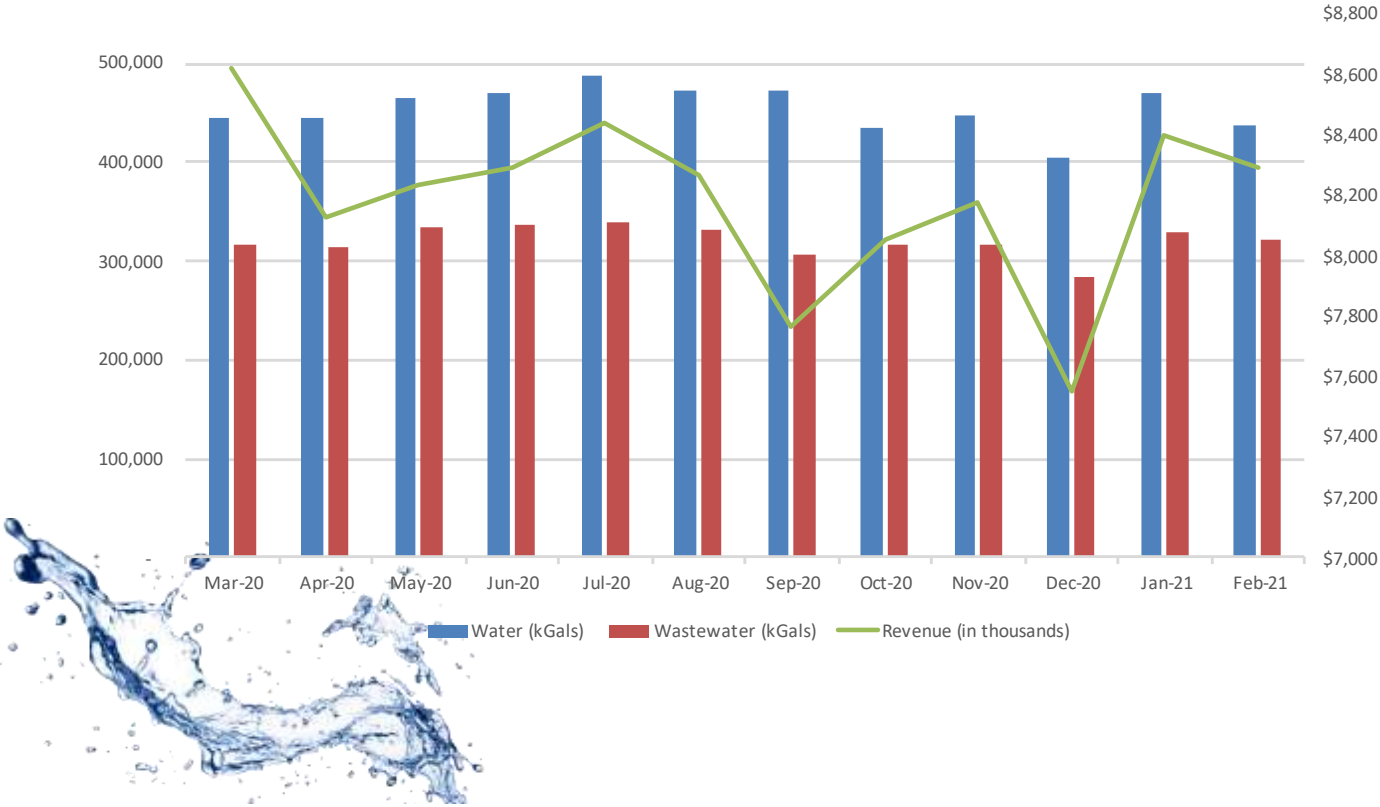


Income Statement



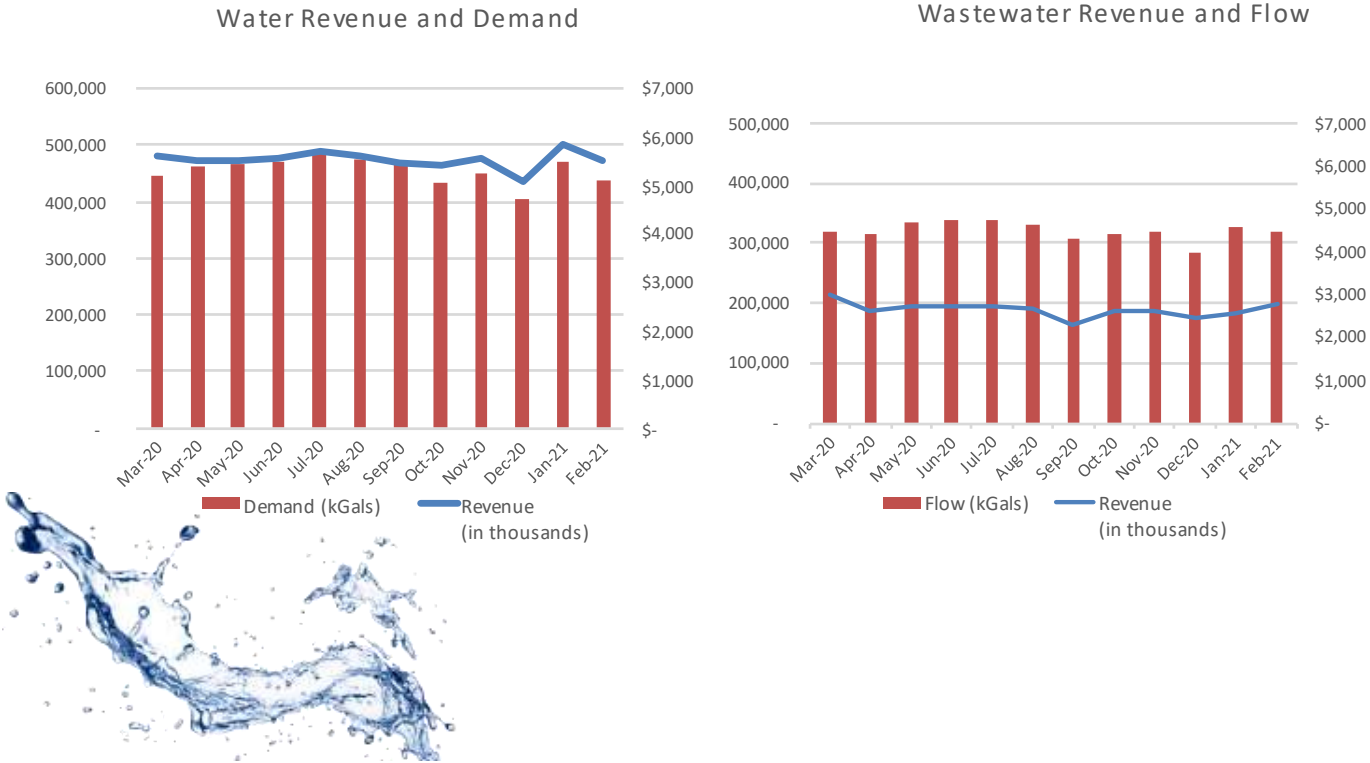


Overall Revenues and Demand



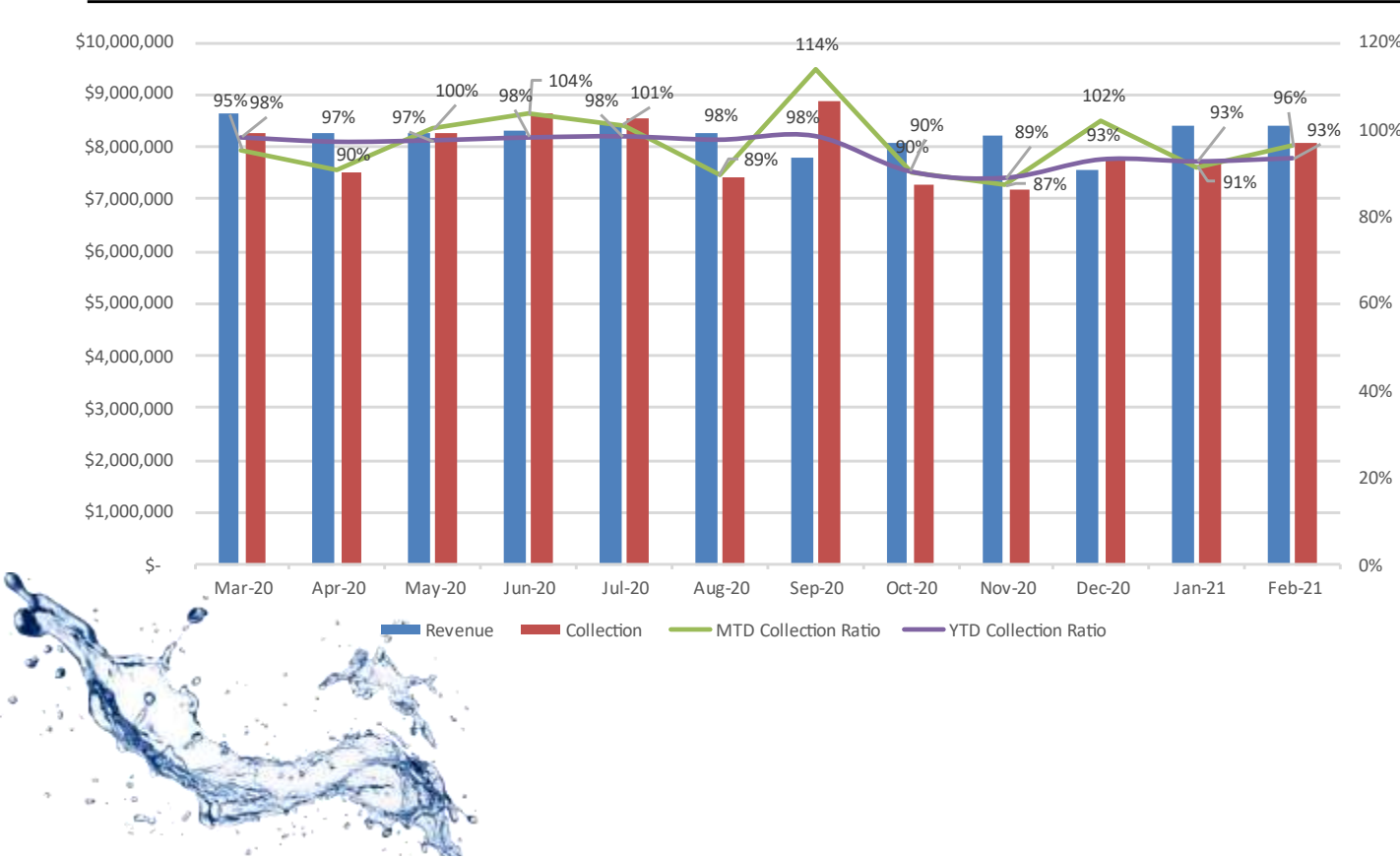


Revenues and Demand



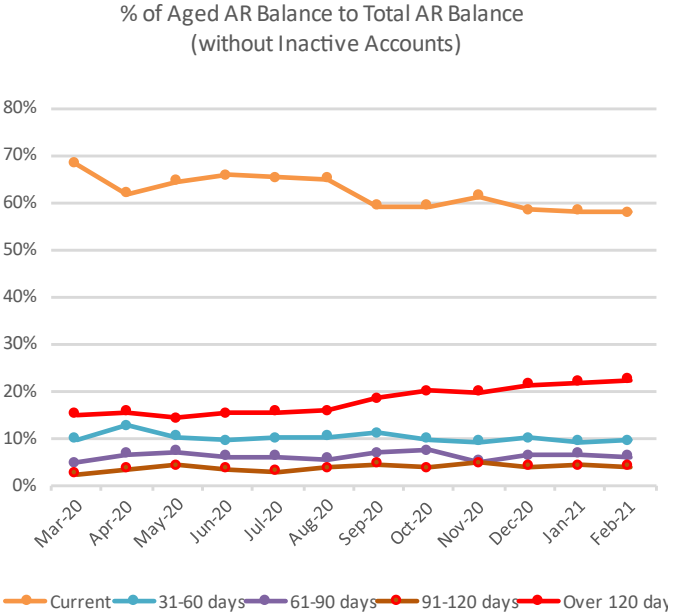
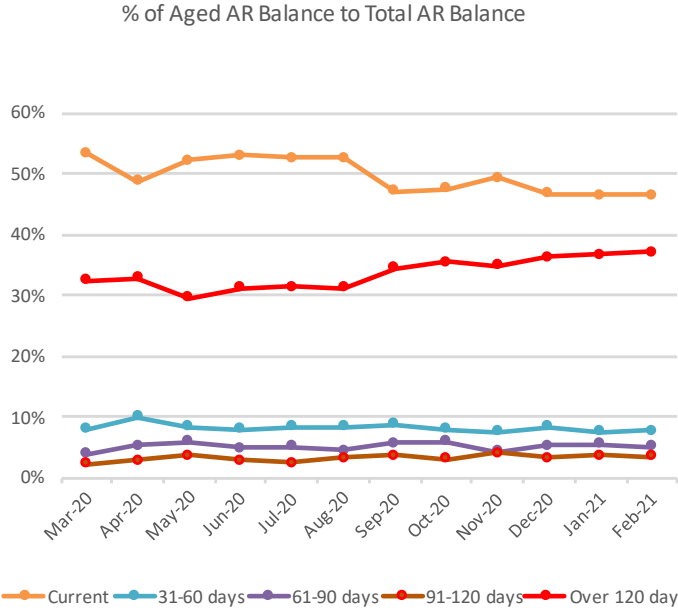


Overall Revenues and Collections



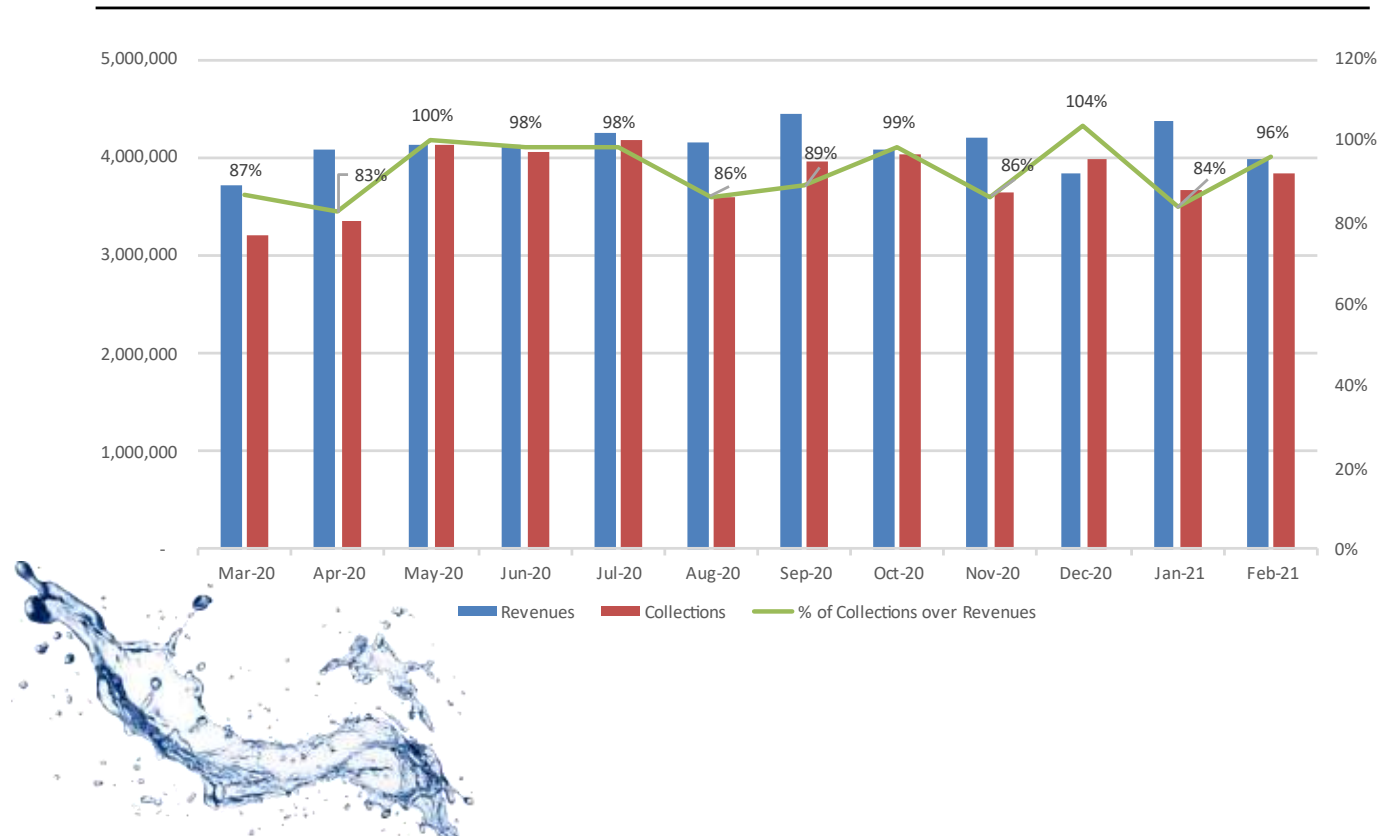


Overall – AR Aging





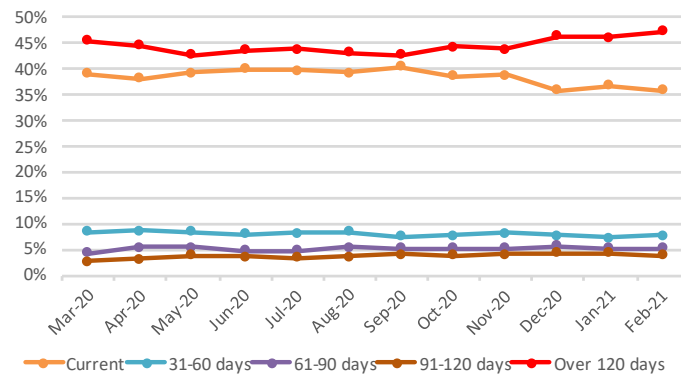
Residential Revenues and Collections





Residential - AR Aging

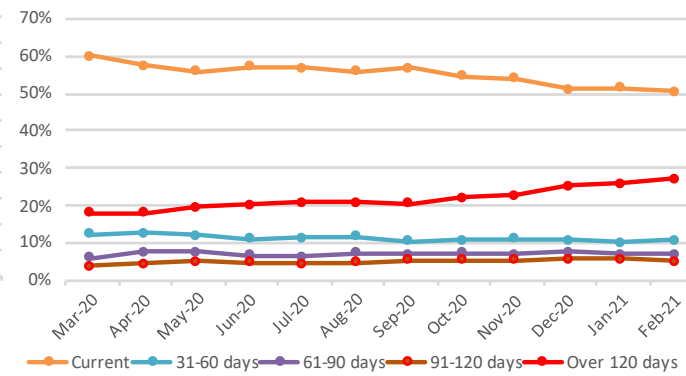
Residential - % of Aged AR Balance to Total AR Balance



Residential (in '000)

Month	Current Balance	31-60 days	61-90 days	91-120 days	Over 120 days	Total
Feb-20	4,445	717	400	315	5,235	11,112
Mar-20	4,570	902	500	332	5,334	11,719
Apr-20	4,738	1,065	680	404	5,510	12,396
May-20	4,555	982	632	445	4,953	11,566
Jun-20	4,592	917	562	415	4,998	11,483
Jul-20	4,538	942	546	390	5,000	11,416
Aug-20	4,631	987	644	438	5,104	11,804
Sep-20	4,952	928	644	504	5,249	12,277
Oct-20	4,683	952	640	480	5,387	12,142
Nov-20	4,923	1,037	653	522	5,569	12,703
Dec-20	4,475	965	707	528	5,770	12,445
Jan-21	4,800	958	682	560	6,016	13,016
Feb-21	4,695	1,017	673	495	6,180	13,060

Residential - % of Aged AR Balance to Total AR Balance
(Without Inactive Accounts)

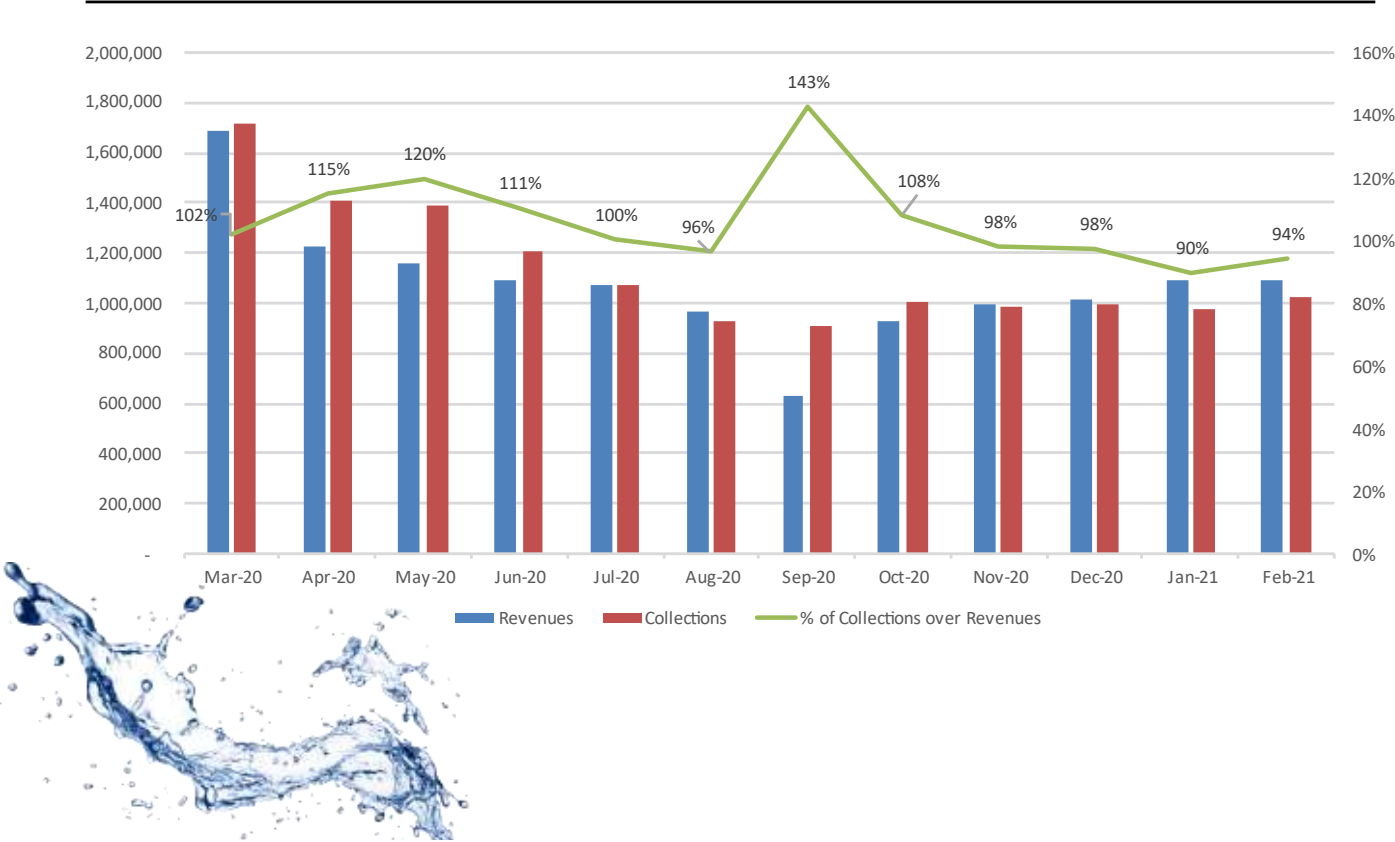


Residential (in '000)

Month	Current Balance	31-60 days	61-90 days	91-120 days	Over 120 days	Total
Feb-20	4,407	678	346	253	1,278	6,962
Mar-20	4,548	939	461	277	1,358	7,583
Apr-20	4,715	1,039	636	363	1,472	8,225
May-20	4,511	961	608	403	1,588	8,072
Jun-20	4,556	874	535	388	1,616	7,968
Jul-20	4,498	903	497	360	1,639	7,897
Aug-20	4,606	956	606	388	1,710	8,266
Sep-20	4,919	896	608	461	1,793	8,677
Oct-20	4,647	922	608	446	1,825	8,507
Nov-20	4,857	1,000	616	484	2,037	8,994
Dec-20	4,448	932	665	486	2,189	8,718
Jan-21	4,766	925	646	513	2,400	9,250
Feb-21	4,657	984	632	458	2,518	9,248

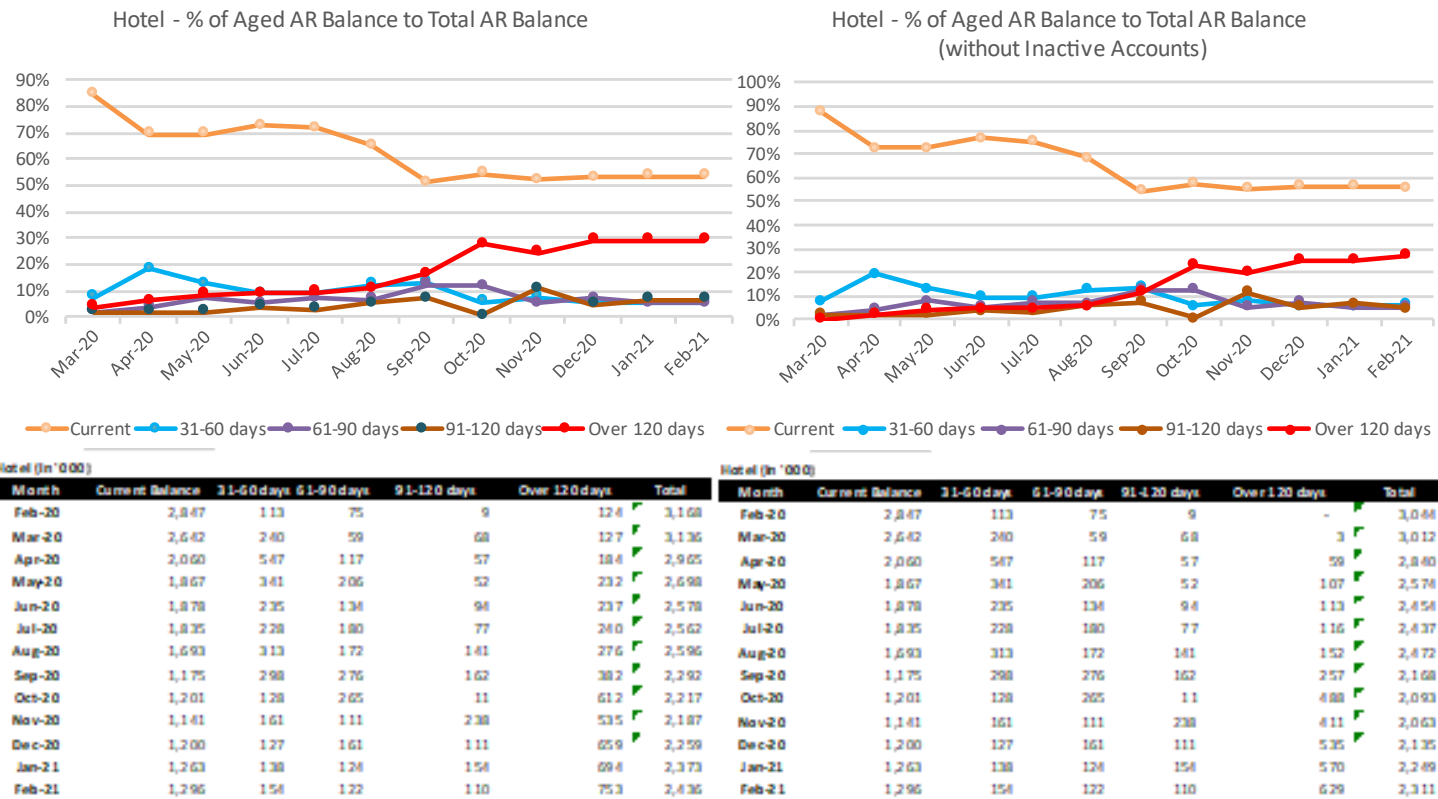


Hotel Revenues and Collections



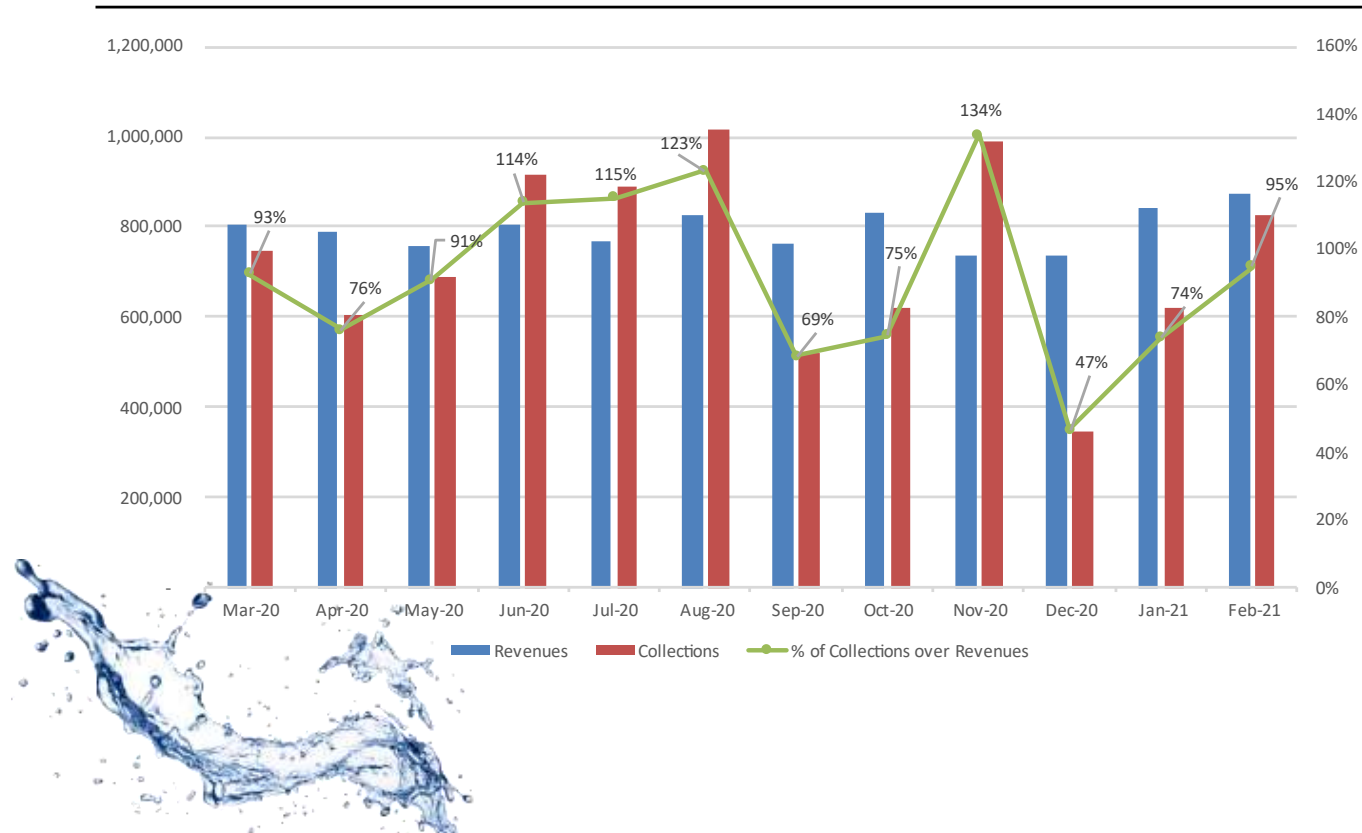


Hotel – AR Aging



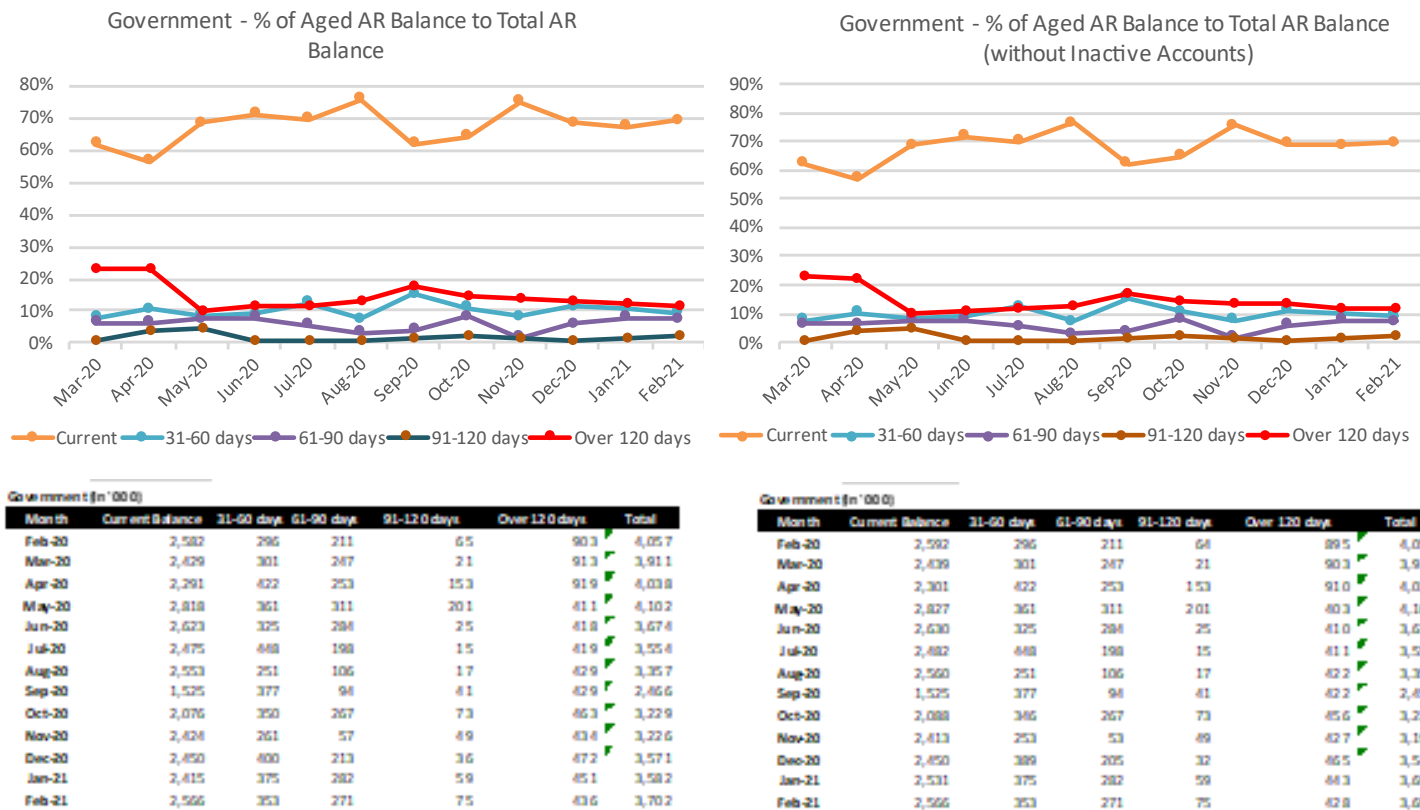


Government Revenues and Collections



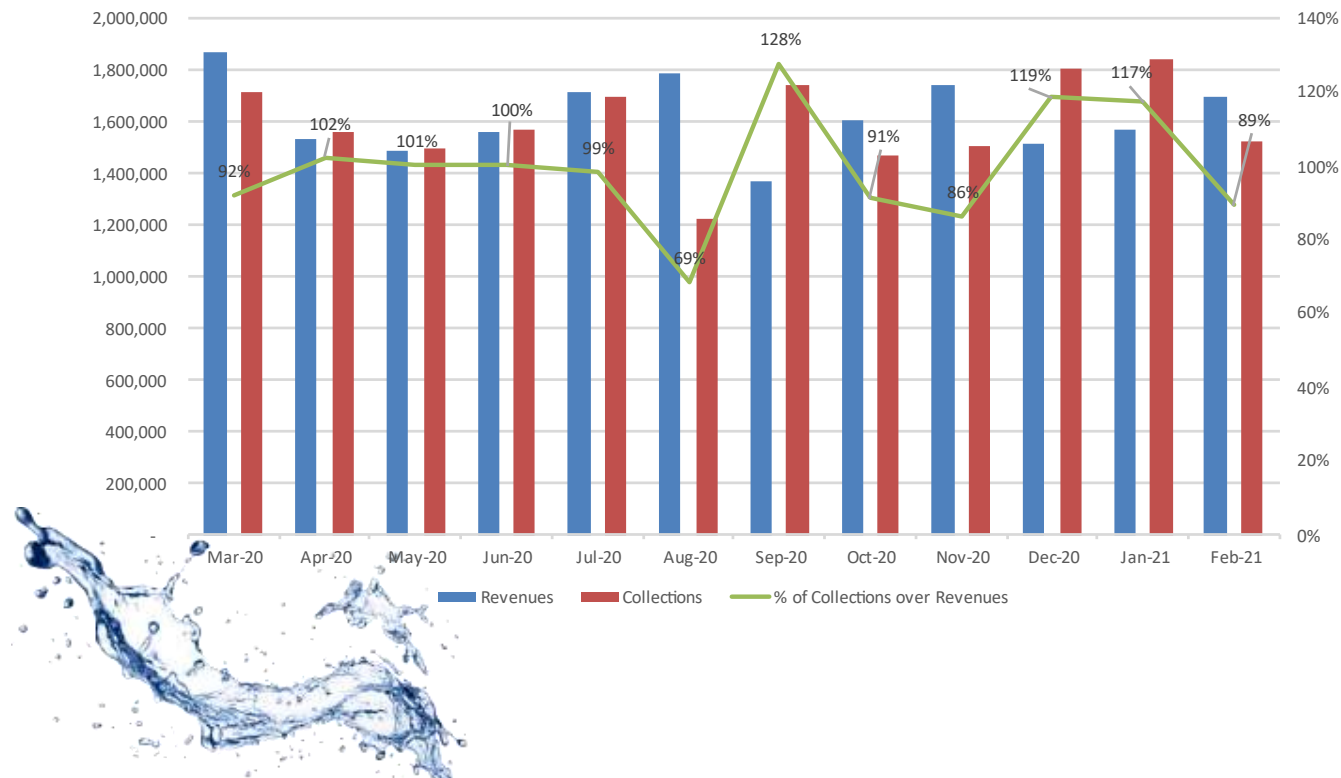


Government - AR Aging



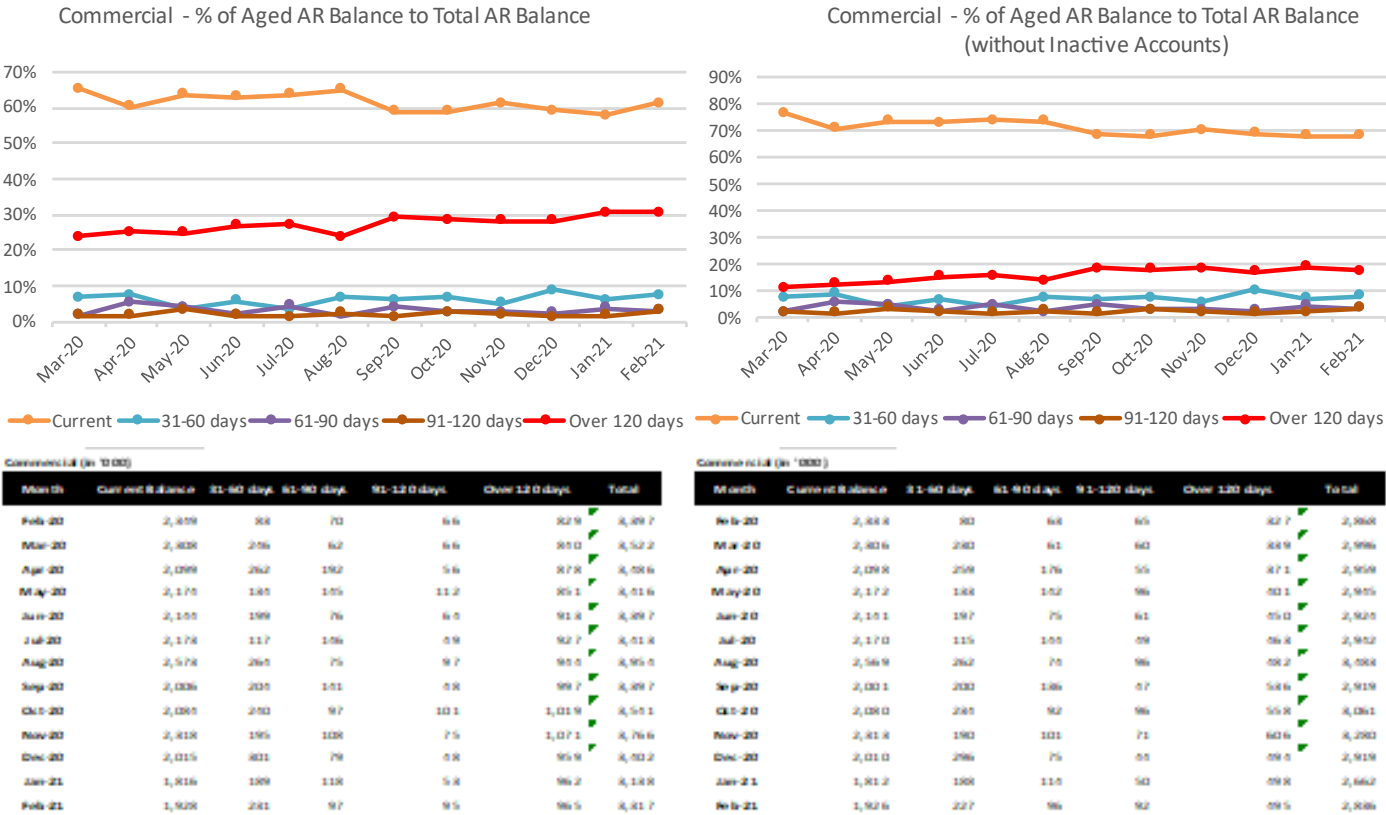


Commercial Revenues and Collections





Commercial - AR Aging



Commercial (in '000)

Month	Current Balance	31-60 days	61-90 days	91-120 days	Over 120 days	Total
Feb-20	2,809	88	70	66	829	4,062
Mar-20	2,828	216	62	66	850	4,012
Apr-20	2,099	262	192	56	878	3,587
May-20	2,175	185	145	112	851	3,568
Jun-20	2,155	199	76	65	918	3,409
Jul-20	2,178	117	156	59	927	3,435
Aug-20	2,578	265	75	97	955	4,065
Sep-20	2,036	205	141	58	997	3,437
Oct-20	2,085	200	97	101	1,018	3,501
Nov-20	2,818	195	108	75	1,071	4,267
Dec-20	2,015	801	79	58	959	3,932
Jan-21	1,816	199	118	58	982	3,183
Feb-21	1,928	281	97	55	985	3,346

Commercial (in '000)

Month	Current Balance	31-60 days	61-90 days	91-120 days	Over 120 days	Total
Feb-20	2,888	80	68	65	827	4,008
Mar-20	2,806	280	61	60	889	4,096
Apr-20	2,098	259	176	55	871	3,559
May-20	2,172	188	152	96	801	3,505
Jun-20	2,151	197	75	61	850	3,334
Jul-20	2,170	115	155	59	868	3,357
Aug-20	2,569	262	75	96	882	3,884
Sep-20	2,031	200	186	57	866	3,339
Oct-20	2,080	285	92	96	858	3,361
Nov-20	2,818	190	101	71	866	4,086
Dec-20	2,010	296	75	55	895	3,337
Jan-21	1,812	198	115	50	898	3,073
Feb-21	1,926	227	96	92	895	3,336

2011 Court Order Performance Report Card / Dashboard as of 02/11/2021



GUAM WATERWORKS AUTHORITY

Court Order Performance Report Card

	Items	On-time Items Completed/Continuous	Items Delayed	Completed Late	Items on Schedule	Performance %
Court order total	93	78	0	14	1	98.9%

Legend in detail section below.

Fill Color	Meaning
Lime green	Done/Completed
Yellow	On Schedule
Blue	Behind Schedule
Violet	Completed Behind Schedule
Yellow Green	Ongoing and Continuous Counted under Completed

GWA Work Session - March 16, 2021 - DIVISION REPORTS

2011 Court Order Performance Report Card / Dashboard as of 02/11/2021

Name	SO #	No	Project	GWA CO Timeline as extended	Due to EPA	Status
Northern District WWTP Primary Treatment Upgrades.	2	1	Interim Primary Treatment Improvements Complete	09/30/2012	@EPA	Done Construction completed 12/13/2012
	3(a)	2	Interim Effluent to meet Table 1	09/30/2012 monitoring started	@EPA	Done Table 1 compliance beginning January 9, 2013.
	3(a)(1)	3	PE Review (Application for 7.5 MGD pending)	3 months after compliance with 3(a)	@EPA	Done 3(a)(1) Application to increase to 7.5 MGD Approved 08/13/2017
	3(a)(2)	4	(Application for 9 MGD)	3 months after compliance with 3(a)(1)	N/A	Not considered necessary because of OEA Upgrade of NDWWTP to Secondary
	3(c)	5	Effluent monitoring (calendar-year quarter)	Completed	@EPA	Done. Full year completed 01/08/2012
	4(a)	6	Sludge & Biosolids Management Plan	12/31/2011	@EPA	Done. Biosolids to Landfill EPA Approval 08/17/2014
	4(a)	7	Adequate stabilization and dewatering	9/30/2012	@EPA	Done. By Design-Build contract.
	4(b)	8	Biosolids Management, Quarterly Report	Quarterly Report	@EPA	Ongoing Routine Monitoring Report, Repeats Quarterly
	4(c)	9	Biosolids Management, repair & replace facilities	09/30/2012	@EPA	Done Construction Complete 12/13/2012. Biosolids to Landfill
	4(d)	10	Biosolids Management, implement plan	9/30/2012	@EPA	Done - Biosolids to Landfill
Agaña WWTP Interim Measures.	5	11	Primary Treatment Plant Upgrades	06/30/2013	@EPA	Done. CEPT is operational and routine.
	5(a)	12	Scope and schedule	09/30/2011	@EPA	Done. CEPT is operational and routine.
	5(b)	13	Septage Handling Complete	06/30/2013	@EPA	Done. Septage Receiving at the NDWWTP (location option) reported 06/26/2013.
	5(b) 1	14	Septage handling design contract signed	12/31/2011	@EPA	Done. Septage Receiving at the NDWWTP (location option) reported 06/26/2013.
	5(b) 2	15	Septage handling construction notice to proceed	06/30/2012	@EPA	Done. Septage Receiving at the NDWWTP (location option) reported 06/26/2013.
	5(c)	16	Grit and FOG Complete	06/30/2013	@EPA	Done Phase III CEPT is in operations.)
	5(c) 1	17	Grit and FOG design contract signed	12/31/2011	@EPA	Done Grit and FOG reported 06/06/2013
	5(c) 2	18	Grit and FOG construction notice to proceed	06/30/2012	@EPA	Done Submitted 11/17/2011
	5(d)	19	Repair Solids handling	11/17/2011	@EPA	Done Submitted 11/17/2011
	5(e)	20	O & M Plan	05/31/2013	@EPA	Done O & M Plan reported 05/31/2012
	5(f)	21	Effluent monitoring (calendar-year quarter)	Completed	@EPA	Done - Completed Full year as of 01/08/2012
	6	22	Prevent Effluent Back Surge	06/30/2013	@EPA	Done Old outfall decommissioned (plugged) 06/25/2013
	6	23	Effluent Back Surge Plan	12/30/2011	@EPA	Done Old outfall decommissioned (plugged) 06/25/2013
I&I SSES	7	24	Collection System SSES and I/I evaluation	Done.	@EPA	Done.
SSES Work Plan	8	25	Work Plan	180 days	@EPA	Done Reported 08/13/2012
	8(a)	26	Flow and rainfall data	N/A	@EPA	Done Reported 04/25/2013
	8(b)	27	I/I Southern	540 days	@EPA	Done Reported 04/25/2013
	8(c)	28	I/I Central	900 days	@EPA	Done Reported 04/28/2014
	8(d)	29	SSES Southern	540 days	@EPA	Done Reported 04/30/2013 – update 04/29.2016
	8(e)	30	SSES Central	900 days 09/15/2015 EPA Disap. Ltr.	@EPA	Done Late – Completed June 2, 2017
	8(e) 2	31	SSES Central Report	09/15/2015 EPA Disapproval Letter	@EPA	Done Late – Completed June 2, 2017
Agat / Santa Rita,	9(a)	32	By Pass Report	60 days	@EPA	Done Reported 01/04/2012
	9(b)	33	Flow Meter	180 days	@EPA	Done Reported 07/26/2012
	9(c) 1, 2, 3	34	Report evaluating near term measures	180 days response sent 09/29/2014	@EPA	Done Reported 05/07/2012 GWA response 09/29/2014.
	9(d)	35	Implement near term measures d - Disinfection	03/23/2016	@EPA	Done Late EPA specifications of 9(c), 9(d) and 9(f) on 09/24/2015.
	9(e)	36	Implement near term measures e – sludge mgmt.	03/23/2016	@EPA	Done Reported 03/23/2016
	9(f)	37	Implement near term measures f – 75% Bypass Red.	03/23/2016	@EPA	Done Reported 03/23/2016
	10	38	System Evaluation	12/31/2013 response sent 09/29/2014	@EPA	Done Reported 12/28/2013 GWA response 09/29/2014.- update 04/29/2016
	11	39	System Upgrades	03/14/2017 Plant became operational.	@EPA	Done Late New Agat WWTP on line 03/14/2017
	11(a)	40	System Upgrades design	06/30/2014-NTP 10/13/2014	@EPA	Done Late CCU approval 08/26/2014. NTP was issued on 10/13/2014
	11(b)	41	System Upgrades notice to proceed	06/30/2015-NTP 10/02/2015	@EPA	Done Late NTP Ph.1 issued 10/02/2015 - NTP Ph.2 due 01/04/2016
	12(a)	42	Interim Measures Evaluation (Independent PE)	180 days	@EPA	Done Reported 05/07/2012, PMO task
Baza Gardens	12(b)	43	Interim Measures Complete	540 days	@EPA	Done Reported 05/01/2013 PMO task
	12(c)	44	Evaluation Bio Solids Report	180 days	@EPA	Done -EPA Approval 08/28/2014
	12(d)	45	Complete Bio Solids	360 days	@EPA	Done Reported 03/21/2013
	13	46	System Evaluation	04/30/2014	@EPA	Done Reported 04/30/2014 GWA response 10/02/2014
	14	47	System Upgrades	04/31/2018	@EPA	Done Critical path need to complete I&I/SSES
	14(a)	48	System Upgrades, Design Starts	10/31/2015 NTP DCA 02/05/2016	@EPA	Done Late Linked to new Agat WWTP NTP DCA 02/05/2016
	14(b)	49	System Upgrades Construction (started on time)	10/31/2016	@EPA	Done Late Finished 12/31/2018.

GWA Work Session - March 16, 2021 - DIVISION REPORTS

2011 Court Order Performance Report Card / Dashboard as of 02/11/2021

Name	SO #	No	Project	GWA CO Timeline as extended	Due to EPA	Status
Umatac-Merizo	15	50	Complete Evaluation	12/31/2013	@EPA	Done Reported 12/31/2013 -- Critical path, completed I&I/SSES
	16	51	System Upgrades	12/31/2018	@EPA	Delayed by US Fish and Wildlife issues -- completed November 13, 2019
	16(a)	52	System Upgrades, Design Starts	06/30/2016	@EPA	Done Design Build contract executed 06/29/2017
	16(b)	53	System Upgrades, Notice to Proceed	06/30/2017	@EPA	Done NTP Issued 06/30/2017
Sewer Cleaning	17	54	Sewer Cleaning (in annual and quarterly reports)	2017-2022 Goal set: Complete Every 5 years	@EPA	Ongoing -- 1 st round completed -- Second cycle under way
Hot Spot Plan	18	55	Hot Spot Plan	EPA Revision letter o9/08/2015	@EPA	Done Last Revision submitted 10/23/2015 GWA WW Ops
CCTV	19	56	CCTV (in annual and quarterly reports)	Done- 2016	@EPA	Done Whole System, 2016 Continues as indicated by cleaning work.
Sewer Hook-Up	20	57	Sewer Hook-Up Revolving Loan Support	In Operation	@EPA	Done -- available on GWA web site or at GWA Customer Service
GW Disinfection	21	58	Groundwater Chlorination	540 days	@EPA	Done Reported 04/29/2013
Chlorine Residual Monitors	22	59	Plan	180 days	@EPA	Done Reported 09/94/2012
	22(a)	60	High Risk Wells	540 days	@EPA	Done Reported 05/02/2013
	22(b)	61	Moderate Risk Wells	2 years	@EPA	Done Reported 07/31/2013
	22(c)	62	All Other Wells	Completed 07/31/2017	@EPA	Done Late -- Completed 07/31/2017
Water Metering	23(a)	63	Plan & schedule	180 days	@EPA	Done Late - Reported 05/08/2012
	23(a)	64	All connections are metered and mapped	2 years	@EPA	Done Late -- completed 11/15/2018
	23(b)	65	Plan repair & maintain	180 days	@EPA	Done GWA Test facility operational 06/28/2013
Ugum Surface Water Treatment Plant	24	66	Construction complete	One year	@EPA	Done Reported 11/09/2012
	24	67	PE Inspection	60 days before start-up	@EPA	Done EPA Approval 08/26/2014
	25	68	PE Performance Operation Assessment	60 days before start-up	@EPA	Done EPA Approval 08/26/2014
	26	69	O&M Plan and Procedures	90 days before start-up	@EPA	Done Reported 08/10/2012 EPA Approval 08/17/2014
	27	70	Plant compliance	365 days	@EPA	Done Reported 02/07/2013
Sinajana Water Transmission Line	28(a)	71	Existing Construction Complete	180 days	@EPA	Done Reported 12/23/2011
	28(b)	72	Hydraulic Evaluation	180 days	@EPA	Done EPA No Further Comment 08/26/2014
	28(c)	73	Construction Complete (2 tanks)	540 days from 11/21/2013	@EPA	Done Late GEPA Delays Tank Constr. Completed August 2015: In Service July 2016.
	28(d) 1	74	Monitoring Plan	90 days prior	@EPA	Done Reported 09/07/2012
	28(d) 1	75	Implement- Monitoring Plan	For one year after start up	@EPA	Done GWA Compliance - Start 09/01/2015 -- end 08/31/2016
	28(d) 2	76	Monitoring Plan	180 days prior	@EPA	Done EPA Approval 08/26/2014
	28(e)	77	Implement- Monitoring Plan	For one year after start up	@EPA	Done - Start 09/01/2015 -- end 08/31/2016
Storage Tank/Reservoir Rehabilitation and Replacement Program.	29(a) 1	78	Plan hydraulic analysis	90 days	@EPA	Done Reported 11/09/2012
	29(a) 2	79	Hydraulic analysis	540 days	@EPA	Done EPA No Further Comment 08/26/2014
	29(b) 1	80	Plan minimize service interruptions	90 days after approval	@EPA	Done EPA approval 08/26/2014
	29(b) 2	81	Tank inspection schedule	540 days	@EPA	Done EPA approval 08/26/2014
	29(b) 3	82	Complete Barrigada (1 @ 2 MG tank)	540 days	@EPA	Done
	29(b) 4	83	Assess additional 7 tanks	5 years (11/10/2016)	@EPA	Done DCA contract task
	29(b) 5	84	RRRR 7 additional tanks	5 years (11/10/2016)	@EPA	Done PMO executed procurement
	29(b) 6 i	85	RRRR 10 additional tanks	06/30/2023	@EPA	In Progress, expected to meet the 02/11/2021 Court Order Extension 06/30/2023
	29(b) 6 ii	86	RRRR remaining tanks	06/30/2023	@EPA	In Progress, expected to meet the 02/11/2021 Court Order Extension 06/30/2023
	29(c)	87	In Quarterly / Annual Report	Quarterly / Annual Report	@EPA	Ongoing GWA Compliance Repeats Quarterly
Section III REPORTING REQUIREMENTS	31(a)(1)	88	Quarterly Report	Jan., April, July, Sept. Continuous	@EPA	Ongoing Due by the 30 th of the specified months
	31(a)(2)	89	Reports on Non Compliance	Within 30 days from determination of delay	@EPA	Ongoing As determined by GWA
	31(b)	90	SSO and Bypass Report	Jan., April, July, Sept. Continuous	@EPA	Ongoing Due by the 30th of the specified months
	31(c)	91	Annual Report	January each year	@EPA	Ongoing Included with 31(a) each Year
Section IV NOTICES	35	92	CO contacts		@EPA	Ongoing GWA Compliance report 06/29/2016
	36	93	Formal notices of change in CO contacts	Whenever specified staffing changes	@EPA	Ongoing GWA Compliance report 06/29/2016

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GWA Utility Services Division
Monthly Status Report
Month ending FEB 2021

FY2021		WEEK ENDING:	WEEK ENDING:	WEEK ENDING:	WEEK ENDING:	FEB 2021 MONTHLY TOTAL	WEEKLY AVERAGE FEB 2021	PREVIOUS MONTH	
UTILITY SERVICES DIVISION ACTIVITIES		02/06/21	02/13/21	02/20/21	02/27/21			WEEKLY AVERAGE JAN 2021	JAN 2021 MONTHLY TOTAL
Collections Activities:									
I.	Number of accounts cut for nonpayment:	0	0	0	0	0	0	0	0
II.	Number of accounts restored for nonpayment:	1	0	0	0	1	0	1	4
III.	Number of No water reports responded to:	3	3	3	1	10	3	1	6
IV.	Number of Secure/Unsecure valve reports responded to:	7	16	13	6	42	11	5	27
V.	Number of Verify reads responded to:	0	0	0	0	0	0	1	4
VI.	Number of new pay plans negotiated for active accounts:	38	48	35	73	194	49	60	298
VII.	Number of active pay plans negotiated and ongoing:	261	314	334	366		319	371	
VIII.	Number of inactive accounts with a payment arrangement:	6	6	6	6		6	6	
IX.	Number of broken payment plans:	4	36	19	18	77	19	35	177
Customer Service Activities (lobby visits):									
A. GBN Public Service Building – Fadlan									
i.	Total Customers Assisted:	165	146	117	192	620	155	132	660
ii.	Total Abandoned Requests:	4	5	3	7	19	5	1	7
iii.	Average Wait Time:	7 minutes	6 minutes	7 minutes	6 minutes		6.5 minutes	5.6 minutes	
iv.	Average Service Time:	12 minutes	13 minutes	11 minutes	14 minutes		12.5 minutes	12.8 minutes	
v.	Purpose of lobby visit:								
1.	Apply for water:	59	53	36	62	210	53	46	231
2.	Restore water cut for non payment:	0	0	0	0	0	0	0	0
3.	Terminate Water:	18	8	5	20	51	13	9	47
4.	Copy of Bill:	10	15	9	26	60	15	14	70
5.	Billing Dispute:	46	40	34	45	165	41	35	176
6.	Billing Dispute follow up:	0	0	0	2	2	1	0	0
7.	General Questions & Other:	24	23	26	26	99	25	22	110
8.	Report a water leak:	0	0	0	0	0	0	1	4
9.	Report water theft:	0	0	0	0	0	0	0	0
10.	Payment Arrangement:	10	9	7	10	36	9	7	35
B. Julale Satellite Office – Hagatna									
i.	Total Customers Assisted:	142	118	104	151	515	129	115	575
ii.	Total Abandoned Requests:	3	1	1	9	14	4	5	23
iii.	Average Wait Time:	6 minutes	3 minutes	3 minutes	5 minutes		4.25 minutes	3.8 minutes	
iv.	Average Service Time:	11 minutes	10 minutes	11 minutes	10 minutes		10.5 minutes	9.6 minutes	
v.	Purpose of lobby visit:								
1.	Apply for water:	55	46	33	50	184	46	37	187
2.	Restore water cut for non payment:	0	0	0	0	0	0	0	0
3.	Terminate Water:	12	13	8	13	46	12	10	52
4.	Copy of Bill:	12	20	23	22	77	19	14	71
5.	Billing Dispute:	32	23	27	28	110	28	33	165
6.	Billing Dispute follow up:	0	0	0	0	0	0	0	0
7.	General Questions & Other:	22	18	13	24	77	19	18	90
8.	Report a water leak:	0	0	0	0	0	0	0	0
9.	Report water theft:	0	0	0	0	0	0	0	0
10.	Payment Arrangement:	11	4	2	6	23	6	5	24
C. Upper Tumon Satellite Office – Upper Tumon									
i.	Total Customers Assisted:	185	148	134	153	620	155	134	672
ii.	Total Abandoned Requests:	1	2	0	2	5	1	5	25
iii.	Average Wait Time:	3 minutes	2 minutes	2 minutes	1 minutes		2 minutes	1.6 minutes	
iv.	Average Service Time:	15 minutes	14 minutes	15 minutes	14 minutes		14.5 minutes	14 minutes	
v.	Purpose of lobby visit:								
1.	Apply for water:	72	58	46	54	230	58	44	222
2.	Restore water cut for non payment:	2	0	0	0	2	1	0	0
3.	Terminate Water:	32	11	19	26	88	22	16	82
4.	Copy of Bill:	11	10	9	6	36	9	8	41
5.	Billing Dispute:	43	42	45	38	168	42	37	185
6.	Billing Dispute follow up:	1	0	0	0	1	0	0	0
7.	General Questions & Other:	20	28	18	27	93	23	27	137
8.	Report a water leak:	0	0	0	0	0	0	0	0
9.	Report water theft:	0	0	0	0	0	0	0	0
10.	Payment Arrangement:	8	3	3	2	16	4	4	22

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GWA Utility Services Division
Monthly Status Report
Month ending FEB 2021

FY2021		WEEK ENDING: 02/06/21	WEEK ENDING: 02/13/21	WEEK ENDING: 02/20/21	WEEK ENDING: 02/27/21	FEB 2021 MONTHLY TOTAL	WEEKLY AVERAGE FEB 2021	PREVIOUS MONTH	
UTILITY SERVICES DIVISION ACTIVITIES								WEEKLY AVERAGE JAN 2021	JAN 2021 MONTHLY TOTAL
Customer Service Activities (Electronic):									
i.	Emails Received:								
	1. customers@guamwaterworks.org:	97	127	132	148	504	126	96	482
	Request type (email):								
	a. Apply for water:	27	33	31	29	120	30	21	105
	b. Terminate Water:	9	12	12	19	52	13	6	30
	c. Copy of Bill:	0	2	4	4	10	3	1	6
	d. Billing Dispute & follow up:	5	8	13	7	33	8	6	32
	e. General Questions & Other:	42	46	51	66	205	51	43	215
	f. Report a water leak:	4	9	7	11	31	8	4	20
	g. Report water theft:	0	0	0	0	0	0	0	0
	h. Online services inquiry:	9	17	14	12	52	13	15	74
	2. gwaservesme@guamwaterworks.org (realtors/prop	1	0	0	0	1	0	0	0
ii.	Emails Replied (both):	80	77	45	98	300	75	79	397
iii.	Online Portal:								
	Request type (online portal):								
	a. Start Service:	3	1	3	1	8	2	2	10
	b. Stop Service:	1	0	0	1	2	1	0	1
	c. Payment Plan:	0	0	1	2	3	1	0	2
	d. Customer Information Updates:	1	0	1	0	2	1	0	1
	e. Service Investigations:	0	0	1	0	1	0	0	0
	f. Account Inquiries:	0	2	2	1	5	1	1	6
	g. Technical Support:	0	0	1	1	2	1	0	2
	h. Outages & Emergencies:	0	0	0	0	0	0	0	0
Call Center Activities:									
i.	Calls Received:	1032	957	857	1237	4083	1021	1110	5552
ii.	Calls Immediately Answered:	571	593	439	616	2219	555	582	2912
iii.	Calls Abandoned:	43	36	44	74	197	49	47	235
iv.	Calls Handled by Voice mail:	418	327	374	547	1666	417	480	2402
v.	Average duration of call:	5 minutes	5 minutes	6 minutes	5 minutes		5.25 minutes	4.6 minutes	
vi.	Breakdown by request type:								
	1. Apply/Terminate info:	46	44	43	53	186	47	37	186
	2. Automated Telephone Call:	0	0	0	0	0	0	0	0
	3. Balance Inquiry:	38	35	24	35	132	33	45	226
	4. Call Back:	10	15	24	14	63	16	14	72
	5. Dispatch:	14	23	5	17	59	15	19	96
	6. Dispute:	0	0	0	0	0	0	1	4
	7. Follow-up:	43	37	39	41	160	40	30	148
	8. General Questions & Other:	110	122	118	150	500	125	98	491
	9. Route Calls to GWA Staff:	150	172	113	161	596	149	178	888
	10. No Water:	8	22	9	31	70	18	21	104
	11. Online/Phone App Help:	30	19	20	29	98	25	23	115
	12. Pay by Phone:	113	104	62	106	385	96	104	520
	13. Pay Plan:	23	22	17	28	90	23	32	158
	14. Restore Non-payment:	0	0	0	0	0	0	0	0
	15. Secure/Unsecure Valve:	7	26	15	11	59	15	10	50
	16. Voice Mail:	67	42	61	54	224	56	74	372
	17. Water leak:	9	22	17	12	60	15	15	75
Bill Dispute & Resolution Activities:									
i.	Dispute Resolution:								
	1. Number of disputed accounts resolved:	7	10	4	12	33	8	18	88
	2. Number of disputed accounts under review:	1630	1632	1633	1639		1634	1639	
Data Entry of Completed Field work in CIS:									
i.	Document Control:								
	1. Number of field activities posted:	276	472	381	432	1561	390	326	1631
	2. Number of field activities pending:	220	272	242	197	931	233	245	1224
Field Response Activities:									
I.	Number of field activities assigned:	337	241	212	228	1018	255	175	876
II.	Number of field activities completed:	405	342	286	221	1254	314	191	956
III.	Number of field activities pending field action:	0	2	1	0	3	1	0	2

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GWA Utility Services Division
 Monthly Status Report
 Month ending FEB 2021

FY2021 UTILITY SERVICES DIVISION ACTIVITIES		WEEK ENDING: 02/06/21	WEEK ENDING: 02/13/21	WEEK ENDING: 02/20/21	WEEK ENDING: 02/27/21	FEB 2021 MONTHLY TOTAL	WEEKLY AVERAGE FEB 2021	PREVIOUS MONTH	
								WEEKLY AVERAGE JAN 2021	JAN 2021 MONTHLY TOTAL
Meter Reading Activities:									
I.	Number of meters read:								
A.	Electronically Read Meters:	10429	12362	12011	7864	42666	10667	8524	42621
B.	Manually Read Meters:	26	33	30	26	115	29	25	127
i.	Unread meters (Meters scheduled but not read):	18	11	15	9	53	13	9	47
ii.	Number of data logs received:	120	25	15	30	190	48	22	112
iii.	Number of data logs retrieved:	36	30	40	35	141	35	24	120
iv.	Number of data logs pending field action:	0	0	0	0	0	0	0	1
v.	Communication Errors/Reprogramming requests:	2	2	8	0	12	3	2	8
vi.	Number of estimated readings (for the week):	141	225	181	398	945	236	215	1075
vii.	Reasons for Estimations:								
1.	Cant locate meter:	1	0	0	1	2	1	2	10
2.	Temporary Obstruction:	0	0	1	0	1	0	0	1
3.	Vicious Dog:	0	1	0	0	1	0	0	1
4.	Flooded meter:	0	0	0	0	0	0	0	0
5.	Corrective action to database requested:	4	4	0	1	9	2	3	17
6.	Possible changed out meter:	15	7	12	4	38	10	5	27
7.	Communication/Programming error (code 92's):	0	0	0	0	0	0	0	0
8.	Other:								
a.	Leaks detected on customer's private line:	1541	2086	1952	1005	6584	1646	1326	6629
b.	Reverse Flow Detected:	87	193	140	371	791	198	184	922
c.	No Usage Detected:	380	313	344	361	1398	350	288	1441
d.	Tamper Code:	14	6	10	8	38	10	8	40
C.	Electronic Read Percentage:	99.75%	99.73%	99.75%	99.67%		99.7%	99.7%	
Illegal Connection & Unauthorized Use of Water Activities:									
I.	Number of Inactive Still Consuming Reports rec'd & investigated:	0	0	0	0	0	0	0	0
II.	Number of Illegal Connection reports rec'd & investigated:	1	0	0	1	2	1	1	3



Engineering Monthly Report March 2021

Prepared By:

**Brett E. Railey, P.E.
Chief Engineer**

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A. Summary Table of 2010, 2013, 2016 and 2020 Bonds

Potable Water

CIP #	CIP Description	2016 Bond Allotment	% encumbered	% available	2020 Bond Allotment	% encumbered	% available
PW 05-01	Ground Water Disinfection	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 05-03	Santa Rita Springs Booster Pump Rehab Phase II	\$ -	N/A	N/A	\$ -	N/A	N/A
PW-05-05	"A Series Well Transmission Line	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 05-06	Water Booster Pump Station	\$ -	N/A	N/A	\$ 700,000.00	0.00%	100.00%
PW 05-07	Meter Replacement Program	\$ 1,400,000.00	100.00%	0.00%	\$ -	N/A	N/A
PW 05-08	Barrigada Tank Repair/Replacement	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 05-09	Leak Detection	\$ 100,000.00	0.00%	100.00%	\$ 400,000.00	0.00%	100.00%
PW 05-10	Potable Water System Planning	\$ 876,294.00	99.99%	0.01%	\$ 400,000.00	0.00%	100.00%
PW 05-11	Implement Ground Water Rule	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 05-12	Brigade II (Ugum Lift) BPS Upgrade	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 05-13	Deep Well Rehabilitation	\$ 250,000.00	44.01%	55.99%	\$ 350,000.00	0.00%	100.00%
PW 05-14	New Deep Wells at Down Hard	\$ 1,190,000.00	0.00%	100.00%	\$ 500,000.00	0.00%	100.00%
PW 05-15	Rehabilitation of Asan Springs	\$ -	N/A	N/A	\$ 550,000.00	0.00%	100.00%
PW 05-16	Master Meters	\$ 2,151,539.00	90.70%	9.30%	\$ -	N/A	N/A
PW 09-01	Ugum Water Treatment Plant Intake	\$ -	N/A	N/A	\$ 600,000.00	0.00%	100.00%
PW 09-02	Water Wells	\$ 2,500,000.00	6.80%	93.20%	\$ 500,000.00	0.00%	100.00%
PW 09-03	Water Distribution System	\$ -	N/A	N/A	\$ 2,250,000.00	0.00%	100.00%
PW 09-04	Pressure Zone Realignment	\$ 1,141,000.00	100.00%	0.00%	\$ -	N/A	N/A
PW 09-06	Central Water Distribution System 2005	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 09-08	Mechanical/Electrical Equipment	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 09-09	Water Reservoir Internal/External	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 09-10	Water Reservoir Internal/External	\$ 800,000.00	100.00%	0.00%	\$ -	N/A	N/A
PW 09-11	Water System Reservoirs 2005 Improvements	\$ 58,830,170.00	91.80%	8.20%	\$ 25,900,000.00	0.00%	100.00%
PW 11-01	Distribution System Upgrades	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 11-02	Ugum Water Treatment Plant Reservoir	\$ -	N/A	N/A	\$ 7,500,000.00	0.00%	100.00%
PW 12-01	Water Audit Program & Water Loss Control Plan	\$ 550,000.00	90.75%	9.25%	\$ -	N/A	N/A
PW 12-02	Production Plan / Reduce Navy Purchases	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 12-03	Hydraulic Assessment of Tanks	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 12-04	Agana Heights & Chaot Tanks	\$ 1,220,000.00	100.00%	0.00%	\$ -	N/A	N/A
PW 12-05	Tank Major Repair Yigo #1, Mangilao #2, Astumbo#1	\$ 1,822,133.00	100.00%	0.00%	\$ -	N/A	N/A
PW 12-06	Tank Replacement Piti & Hyundai	\$ 7,300,000.00	100.00%	0.00%	\$ 6,500,000.00	0.00%	100.00%
PW 12-07	Assessment of Malojloj Elevated & Yigo Elevated	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 12-08	Public Water System Asset Inventory/ Condition Assessment	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 12-09	Public Water System GIS & Mapping	\$ -	N/A	N/A	\$ -	N/A	N/A
PW 14-01	Fire Hydrant Replacement Program	\$ 1,200,000.00	99.70%	0.30%	\$ -	N/A	N/A
MP-PW-Pipe-01	Astumbo Zone Piping				\$ -	N/A	N/A
MP-PW-Pipe-02	Route 1 Astumbo Zone Piping				\$ -	N/A	N/A
MP-PW-Pipe-03	Harmon Cliffline Piping to Route 1				\$ -	N/A	N/A
MP-PW-Pipe-04	Hyundai Well Piping				\$ 500,000.00	0.00%	100.00%
MP-PW-Pipe-05	Kaiser Zone Looping				\$ 300,000.00	0.00%	100.00%
MP-PW-Pipe-06	Mangilao Pressure Zone Realignment				\$ 300,000.00	0.00%	100.00%
MP-PW-Pipe-07	Mataguac BPS Suction Piping				\$ 500,000.00	0.00%	100.00%
MP-PW-Pipe-08	Nimitz Lower BPS Piping				\$ -	N/A	N/A
MP-PW-Pipe-09	Yigo, Santa Rosa Zone Realignment				\$ -	N/A	N/A
MP-PW-Pipe-10	Miscellaneous Piping Projects				\$ 200,000.00	0.00%	100.00%
MP-PW-Pipe-11	Miscellaneous Piping Connections				\$ 200,000.00	0.00%	100.00%
MP-PW-Pipe-12	Rehabilitation and Replacement Program				\$ 2,000,000.00	0.00%	100.00%
MP-PW-Pipe-13	2-Inch Pipe Replacement Program				\$ 3,330,000.00	0.00%	100.00%
MP-PW-Pipe-14	Asbestos Cement Pipe Replacement Program				\$ -	N/A	N/A
MP-PW-Pipe-15	PRV Rehab and Replacement				\$ 2,050,000.00	0.00%	100.00%
MP-PW-Pipe-16	Valve Exercise, Repair, and Replacement Program				\$ 250,000.00	0.00%	100.00%
MP-PW-Pipe-17	Cross Island Highway Piping				\$ 100,000.00	0.00%	100.00%
MP-PW-Tank-22	Existing Tank Inspections				\$ 150,000.00	0.00%	100.00%
MP-PW-Tank-23	Recurring Tank Inspections				\$ 400,000.00	0.00%	100.00%
MP-PW-BPS-01	Rehabilitate and Replace BPSs				\$ 409,000.00	0.00%	100.00%
MP-PW-BPS-02	Nimitz Hill Upper BPS				\$ 48,000.00	0.00%	100.00%
MP-PW-BPS-03	Route 15 BPS				\$ -	N/A	N/A
MP-PW-SWTP-01	Ugum SWTP River Intake Cleaning Project				\$ 380,000.00	0.00%	100.00%
MP-PW-SWTP-02	Ugum SWTP Intake Modifications				\$ 1,174,000.00	0.00%	100.00%
MP-PW-SWTP-03	Ugum SWTP Reliability Improvements				\$ 1,150,000.00	0.00%	100.00%
MP-PW-SWTP-04	Ugum SWTP 7-Year Improvement Project				\$ -	N/A	N/A
MP-PW-Well-01	Well Rehabilitation Program				\$ 3,600,000.00	0.00%	100.00%
MP-PW-Well-02	Well Equipment Overhaul Program				\$ -	N/A	N/A
MP-PW-Well-03	Capacity Enhancement – Well Exploration Program				\$ 500,000.00	0.00%	100.00%
MP-PW-Well-04	Capacity Enhancement – Well Development and Construction				\$ -	N/A	N/A
MP-PW-Well-05	Wellhead Protection Program				\$ 300,000.00	0.00%	100.00%
MP-PW-Well-06	Well Repair Program				\$ 1,200,000.00	0.00%	100.00%
MP-PW-Misc-01	South Guam Water Supply Study				\$ 100,000.00	0.00%	100.00%
MP-PW-Misc-02	Master Meter Implementation and Ongoing Meter Replacement				\$ 750,000.00	0.00%	100.00%
MP-PW-Misc-03	Hydrant Condition Assessment and Maintenance				\$ -	N/A	N/A
MP-PW-Misc-04	OneGuam Program				\$ 100,000.00	0.00%	100.00%
MP-PW-Misc-05	Leak Detection Assistance				\$ 150,000.00	0.00%	100.00%
DoD-3	Rehabilitation and New NGLA Monitoring Wells				\$ -	N/A	N/A
		\$ 81,331,136.00			\$ 66,291,000.00		

Wastewater

CIP #	CIP Description	2016 Bond Allotment	% encumbered	% available	2020 Bond Allotment	% encumbered	% available
WW 05-04	Wastewater System Planning	\$ 312,983.00	100.00%	0.00%	\$ 150,000.00	56.32%	43.68%
WW 05-05	Wastewater Vehicles	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 05-07	NDWWTP - Chlorine Tanks	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 09-01	Lift station upgrades	\$ 1,714,755.00	69.89%	30.11%	\$ 1,050,000.00	0.00%	100.00%
WW 09-06	Wastewater Collection System Repl/ Rehabilitation	\$ 1,055,478.00	56.98%	43.02%	\$ 1,400,000.00	0.00%	100.00%
WW 09-08	Facilities Plan/Design for Baza Gardens WWTP	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 09-10	Facilities Plan/Design for Agat-Santa Rita WWTP	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 11-03	Baza Gardens STP Replacement	\$ 25,048,522.50	90.16%	9.84%	\$ -	N/A	N/A
WW 11-04	Facilities Plan/Design for Umatac-Merizo WWTP	\$ 252,105.00	100.00%	0.00%	\$ -	N/A	N/A
WW 11-08	Agat-Santa Rita STP Replacement	\$ 2,226,659.06	89.93%	10.07%	\$ -	N/A	N/A
WW 12-01	Northern District WWTP Primary Treatment Upgrade	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-02	Biosolids Management Plan	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-03	Agana WWTP Interim Measures	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-04	I&I SSES Southern	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-05	I&I SSES Central	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-06	I&I SSES Northern	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-07	Umatac Merizo Replacement	\$ 20,952,871.63	99.89%	0.11%	\$ -	N/A	N/A
WW 12-08	Wastewater System GIS & Mapping	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-09	Wastewater Facility Back Up Power	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 12-10	Wastewater System Asset Inventory	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 17-01	Wastewater Sewer System Expansion	\$ -	N/A	N/A	\$ -	N/A	N/A
WW 17-02	Northern District WWTP Secondary Treatment Upgrade	\$ -	N/A	N/A	\$ -	N/A	N/A
MP-WW-Pipe-01	Gravity Pipe Rehabilitation/Replacement Program				\$ 1,970,000.00	0.00%	100.00%
MP-WW-Pipe-02	Barrigada Pump Station Pipe Rehabilitation/Replacement				\$ -	N/A	N/A
MP-WW-Pipe-03	Route 1 Pitti Pipe Rehabilitation/Replacement				\$ 940,000.00	0.00%	100.00%
MP-WW-Pipe-04	Southern Link Pump Station Pipe Rehabilitation/Replacement				\$ 657,000.00	0.00%	100.00%
MP-WW-Pipe-05	Agana Heights Pipe Replacement				\$ -	N/A	N/A
MP-WW-Pipe-06	Northern District Route 1 Capacity Replacement - Phase 1				\$ -	N/A	N/A
MP-WW-Pipe-07	Northern District Route 1 Capacity Replacement - Phase 2				\$ -	N/A	N/A
MP-WW-Pipe-08	Northern District Route 1 Capacity Replacement - Phase 3				\$ -	N/A	N/A
MP-WW-Pipe-09	North Dededo Capacity Replacement - Phase 1				\$ -	N/A	N/A
MP-WW-Pipe-10	North Dededo Capacity Replacement - Phase 2				\$ -	N/A	N/A
MP-WW-Pipe-11	Route 16 Capacity Replacement				\$ -	N/A	N/A
MP-WW-Pipe-12	Barrigada Capacity Replacement				\$ -	N/A	N/A
MP-WW-Pipe-13	Mangilao Capacity Replacement				\$ -	N/A	N/A
MP-WW-Pipe-14	Dededo Capacity Replacement				\$ -	N/A	N/A
MP-WW-Pipe-16	Yigo Capacity Replacement				\$ -	N/A	N/A
MP-WW-Pipe-17	Mamajanao Capacity Replacement				\$ 814,000.00	0.00%	100.00%
MP-WW-Pipe-18	Agat-Santa Rita Capacity Replacement - Phase 1				\$ -	N/A	N/A
MP-WW-Pipe-19	Agat-Santa Rita Capacity Replacement - Phase 2				\$ -	N/A	N/A
MP-WW-Pipe-20	Agat-Santa Rita Capacity Replacement - Phase 3				\$ -	N/A	N/A
MP-WW-Pipe-21	Baza Gardens Capacity Replacement - Phase 1				\$ -	N/A	N/A
MP-WW-Pipe-22	Baza Gardens Capacity Replacement - Phase 2				\$ -	N/A	N/A
MP-WW-Pipe-23	Baza Gardens Capacity Replacement - Phase 3				\$ -	N/A	N/A
MP-WW-Pipe-24	Umatac-Merizo Capacity Replacement				\$ -	N/A	N/A
MP-WW-Pipe-25	Piping Near Bayside Lift Station				\$ -	N/A	N/A
MP-WW-Pipe-26	Finite Drive Rehabilitation - Agat				\$ 813,000.00	0.00%	100.00%
MP-WW-Pipe-27	Septic/Cesspool System Reduction Program				\$ 350,000.00	0.00%	100.00%
MP-WW-MH-01	Manhole Rehabilitation Program				\$ 350,000.00	0.00%	100.00%
MP-WW-FM-01	Force Main Rehabilitation/Replacement Program				\$ 100,000.00	0.00%	100.00%
MP-WW-FM-02	Replace Yigo Lift Station Force Main				\$ 200,000.00	0.00%	100.00%
MP-WW-FM-03	Route 1 Asan Force Main Rehabilitation/Replacement				\$ 2,124,000.00	0.00%	100.00%
MP-WW-FM-04	Hagåtña WWTP Force Main Rehabilitation/Replacement				\$ 6,600,000.00	0.00%	100.00%
MP-WW-Pump-01	Lift Station Rehabilitation/Replacement Program				\$ 8,320,000.00	0.00%	100.00%
MP-WW-Pump-02	Tumon Basin - Fujita Lift Station Analysis				\$ 9,600,000.00	0.00%	100.00%
MP-WW-Pump-03	Replacement of Former Navy Pump Station (Donut Hole)				\$ 1,301,000.00	0.00%	100.00%
MP-WW-WWTP-01	Hagåtña WWTP Primary Treatment Repair/Rehabilitation Program				\$ -	N/A	N/A
MP-WW-WWTP-02	Hagåtña WWTP Secondary Treatment Upgrade				\$ -	N/A	N/A
MP-WW-WWTP-03	Inarajan WWTP Repair/Rehabilitation Program				\$ -	N/A	N/A
MP-WW-WWTP-04	Pago Socio WWTP Pump Station Conversion				\$ -	N/A	N/A
MP-WW-WWTP-05	Umatac-Merizo WWTP Repair/Rehabilitation Program				\$ -	N/A	N/A
MP-WW-WWTP-06	Agat-Santa Rita WWTP Repair/Rehabilitation Program				\$ -	N/A	N/A
MP-WW-WWTP-07	Baza Gardens Cross Island Pipeline - Preliminary Treatment Equipment Repair and Rehabilitation Program				\$ -	N/A	N/A
MP-WW-WWTP-08	Northern District WWTP Completion				\$ 7,500,000.00	0.00%	100.00%
MP-WW-WWTP-09	Ocean Outfall Inspection Program				\$ 100,000.00	0.00%	100.00%
MP-WW-Misc-01A	Update Wastewater Collection System Model (Major Update)				\$ -	N/A	N/A
MP-WW-Misc-01B	Update Wastewater Collection System Model (Continued)				\$ 50,000.00	0.00%	100.00%
MP-WW-Misc-02	VI and SSES Assessments				\$ 50,000.00	0.00%	100.00%
MP-WW-Misc-03	Miscellaneous Wastewater Improvements				\$ 500,000.00	0.00%	100.00%
MP-WW-Misc-04	Fats, Oils, and Grease Study				\$ 50,000.00	0.00%	100.00%
DoD-01	NDWWTP Secondary Treatment Capacity 12MGD				\$ -	N/A	N/A
DoD-02	Northern Systems Wastewater System				\$ -	N/A	N/A
		\$ 51,563,374.19			\$ 44,989,000.00		

Electrical Engineering Support

CIP #	CIP Description	2016 Bond Allotment	% encumbered	% available	2020 Bond Allotment	% encumbered	% available
EE 05-02	SCADA Pilot Project	\$ -	N/A	N/A	\$ -	N/A	N/A
EE 09-01	Wastewater Pumping Station Electrical Upgrade	\$ -	N/A	N/A	\$ -	N/A	N/A
EE 09-02	Electrical Upgrade - Water Wells	\$ -	N/A	N/A	\$ -	0.00%	0.00%
EE 09-03	Electrical Upgrade - Water Booster	\$ -	N/A	N/A	\$ -	N/A	N/A
EE 09-04	Electrical Upgrade - Water Booster	\$ -	N/A	N/A	\$ 150,000.00	0.00%	100.00%
EE 09-05	Electrical Upgrade - Other Water	\$ -	N/A	N/A	\$ 100,000.00	0.00%	100.00%
EE 09-06	SCADA Improvements - Phase I	\$ -	N/A	N/A	\$ -	N/A	N/A
EE 09-07	SCADA Improvements - Phase 2	\$ -	N/A	N/A	\$ 45,000.00	0.00%	100.00%
EE 09-08	SCADA Improvements - Phase 3	\$ 1,077,497.00	74.43%	25.57%	\$ 25,000.00	0.00%	100.00%
EE 09-09	SCADA Improvements - Phase 4	\$ 4,378,118.00	69.37%	30.63%	\$ -	N/A	N/A
MP-Gen-EE-01	SCADA Implementation Phase A2 – Initial Project Completion				\$ 4,250,000.00	0.00%	100.00%
MP-Gen-EE-02	SCADA Implementation Phase B – Additional Sites				\$ -	N/A	N/A
MP-Gen-EE-03	SCADA Implementation Phase C – Additional Instruments				\$ -	N/A	N/A
MP-Gen-EE-04	SCADA System Improvement Program				\$ -	N/A	N/A
		\$ 5,455,615.00			\$ 4,570,000.00		

Miscellaneous Engineering Support

CIP #	CIP Description	2016 Bond Allotment	% encumbered	% available	2020 Bond Allotment	% encumbered	% available
MC 05-01	Laboratory Modernization	\$ 1,127,000.00	100.00%	0.00%	\$ -	N/A	N/A
MC 05-02	Land Survey	\$ 1,260,524.00	99.35%	0.65%	\$ -	N/A	N/A
MC 09-01	General Plant Improvements	\$ 1,543,760.00	88.61%	11.39%	\$ -	N/A	N/A
MC 15-01	Information Technology Intergration Improvements	\$ 500,000.00	71.90%	28.10%	\$ -	N/A	N/A
MP-Gen-Misc-01	GWA Systems Planning				\$ 550,000.00	0.00%	100.00%
MP-Gen-Misc-02A	WRMP Update (Comprehensive Update)				\$ -	N/A	N/A
MP-Gen-Misc-02B	WRMP Update (Interim Update)				\$ 200,000.00	0.00%	100.00%
MP-Gen-Misc-03	Surveying and Property Delineation				\$ 250,000.00	0.00%	100.00%
MP-Gen-Misc-04	Information Technology Improvements				\$ 1,650,000.00	43.01%	56.99%
MP-Gen-Misc-05	GWA Infrastructure Improvements				\$ 2,500,000.00	0.00%	100.00%
MP-Gen-Misc-06	GPWA Fleet Maintenance Facility				\$ 500,000.00	0.00%	100.00%
MP-Gen-Misc-07	Mobile Equipment Replacement Program				\$ 800,000.00	0.00%	100.00%
MP-Gen-Misc-08	General Plant Improvements				\$ 1,000,000.00	0.00%	100.00%
MP-Gen-Misc-09	Security and Resilience Program				\$ 200,000.00	0.00%	100.00%
		\$ 4,431,284.00			\$ 7,650,000.00		

	2016 Bond Allotment	2020 Bond Allotment
CIP Water	\$ 81,331,136	\$ 66,291,000
CIP Wastewater	\$ 51,563,374	\$ 44,989,000
CIP Electrical	\$ 5,455,615	\$ 4,570,000
CIP Miscellaneous	\$ 4,431,284	\$ 7,650,000
	\$ 142,781,409	\$ 123,500,000

Bond Fund	Construction Fund Amount (\$M)	Estimated # of months fund available for use	Total Funds encumbered to date (\$M)***	% of fund used	Rate of Spending: (\$M) per year
2005	\$82.930	82*	\$82.930	100.00%	12.14
2010	\$87.638	121**	\$84.385	96.29%	8.37
2013	\$139.442	83**	\$135.224	96.97%	19.55
2016	\$142.781	63**	\$128.318	89.87%	29.05
2020	\$123.590	8**	\$0.794	0.64%	1.19

* End date November 2013 via CCU Resolution 06-FY2014

** Includes month of February 2021

*** Includes Expenses Only

B. Projects Procurement

Percentage Key:

100%	Approved by GM
99%	Signature required from either Accounting/Legal/GM
98%	Processing engineering service or construction contract (with legal)
95%	Request for CCU approval (GM/engineering)
90%	A/E fee negotiation or contractor bid evaluation (engineering)
80%	Selected A/E or Conducted bid opening (engineering)
70%	Advertised RFP/IFB (engineering)
60%	RFP/IFB Package under legal review
50%	RFP/IFB Package completed (engineering)
Less than 50%	Project Scope of work development in progress

- Red text anywhere indicates a change from the last report.

BOX KEY FOR PROCUREMENT:

(Type of Procurement) (Relevant CIP NO. or Funding Source)	(Project Title)	
(Percentage complete for procurement)	Activities/Notes: (see percentage key above)	Consultant (listed when selected)
Project Description	Summary of project description	

<u>BID PACKAGE</u> PW 09-02	New Well Construction (AG-10-Y-8 & AG-12)	
<50% Complete	Activities/Notes: GWA engineering continuing discussion with Dept. of Agriculture and lessee on options of acquisition of property for well site at AG-12. Internal GWA discussions underway for survey and appraisal services. GWA executed Change Order with GHD to update the design plans specific to the new well locations.	
Project Description:	The project is to construct three new production wells for GWA as well as installation of a water main to connect the new production wells to the Ysengsong Reservoirs.	

<u>RFP</u> PW 09-02	New Well Construction (Construction Management)	
<50% Complete	Activities/Notes: SOW being developed	
Project Description:	The work performed under this project procurement shall consist of Construction Management and Inspection Services for the construction of up to three (3) new production wells for GWA. GWA plans to increase source water production to improve system redundancy that allows for operating the water production wells more effectively. The overall goal of the Construction Manager (CM) is to manage the entire construction process so that the project can be delivered efficiently and professionally.	

RFP USEPA	Design of Dungca Beach Sewer Relocation	
90% Complete	Activities/Notes: Negotiating fee proposal with the selected A-E firm.	
Project Description:	The work performed under this project procurement shall consist of replacement of a sewer main located along the shores of Dungca Beach, from the Bayside Sewer Pump Station (SPS) to an area north of Lagoon Drive. The new sewer main shall be located within the public right of way along Trankilo Road and Lagoon.	

RFP USEPA	Design of Hagatna Main Sewage Pump Station Redundant Force Main	
<90% Complete	Activities/Notes: Negotiating fee proposal with selected A-E firm.	
Project Description:	The work to be performed under this project procurement shall consist of identifying redundant force main options and to investigate the current condition of the existing force main. If repair/relocation is needed, then identify options and provide the design for the selected options, including pump station upgrades, if necessary.	

RFP USEPA	Design of Fujita Sewage Pump Station Redundant Force Main	
<90% Complete	Activities/Notes: Negotiating fee proposal with the selected firm.	
Project Description:	The work to be performed under this project procurement shall consist of identifying redundant force main options and provide the design for the selected option. After the redundant force main is placed in operation, investigate the condition of the original 14-inch force main to determine if repair, relocation, or replacement is needed in order to ensure force main redundancy. Identify options and provide the design for the selected option, including potential use of CIPP and if necessary, pump station upgrades.	

RFP USEPA	Design of Hagatna Wastewater Treatment Plant Causeway and Facility Structural Analysis	
<98% Complete	Activities/Notes: Processing A-E agreement.	
Project Description:	The work to be performed under this project procurement shall consist of assessment of the structural integrity of the causeway for continued operations, including: vehicular traffic (to include heavy vehicles such as pumping trucks and construction equipment); pedestrian traffic; as a conveyance for utilities to the WWTP and potentially, a conveyance for a new force main; evaluation of culvert hydraulics, and inspection of vertical members, including underwater inspections. Also, to assess the structural integrity of WWTP building structures including concrete and metal structures/components.	

<u>BID PACKAGE</u> USEPA-SRF	Groundwater Wells A-02, A-07, A-12, D-05 and F-03 Rehabilitation (Re-Bid)	
70% Complete	Activities/Notes: Project was advertised for construction on 08/04/2020. The bid proposal deadline has been extended and is due on 10/15/2020 per Addendum no.2. Designer submitted revisions to the plans and specification and will be included in an Addendum no.3 after GWA reviews. As of 10/15/2020 - No bids were submitted. GWA is conducting feedback with registered bidders to determine cause for no bid submission. Pending responses for no bid.	
Project Description:	Work to be performed under this project consist of rehabilitating four (4) existing production well sites including development, testing and permitting of a new production well.	

<u>BID PACKAGE</u> OEA GRANT	Northern Guam Lens Aquifer (NGLA) Monitoring System Expansion Project for the Guam Water and Wastewater Infrastructure Improvements Program	
95% Complete	Activities/Notes: Bid opening conducted on 09/04/2020. Bid evaluations completed Received CCU approval last September 2020. Award pending grant fund transfer.	
Project Description:	Work to be performed under this project consist of installation of seven new monitoring wells and rehabilitation for two existing monitoring wells on Department of Defense (DoD) property.	

<u>BID PACKAGE</u> GWA BOND	Casimiru Waterline Replacement	
100% Complete	Activities/Notes: Contract was approved on 02/08/2021. NTP issued on the same date.	
Project Description:	Work to be performed under this project consist of replacement of existing 6-inch asbestos cement pipe with new 6-inch PVC pipes and appurtenances; reconnection of existing service connections and tapping to the main line, installation of fire hydrants, asphalt road restoration, and testing, complete in place and ready for use.	

<u>BID PACKAGE</u> GWA BOND	Yigo Sewer Pump Station Flood Mitigation and Facility Rehabilitation	
90% Complete	Activities/Notes: Bid opening conducted on 01/26/2021. Evaluating bid proposals.	
Project Description:	Work to be performed under this project consist of demolition of existing building features and equipment, including the existing power pole and power meter, plumbing fixtures and piping, water service piping, electrical system, ventilation system, building fascia and monorail beam and construction of rehabilitation and flood mitigation features including structural wall repairs, flood barrier gates, raised louver sills, cantilever monorail beam, elevated platforms, ventilation system, site work, site water piping, utility tie-in connections, protective coatings, electrical system, instrumentation and controls, testing, startup, and appurtenant work.	

<u>BID PACKAGE</u> GWA BOND	Tai Road/S-13 and Canada-Toto Loop/Blas Street Waterline Replacement	
90% Complete	Activities/Notes: Bid opening conducted on 02/26/2021. Evaluating bid proposals.	
Project Description:	Work to be performed under this project consist of replacing an existing 6-inch asbestos cement pipe (ACP) water line with a new 8-inch polyvinyl chloride (PVC) water line along Tai Road; replacing an existing 2-inch water line with a new 6-inch water line along S-13; reconnecting existing branch water lines, service connections and other water appurtenance connections from an existing 6-inch ACP water line to an existing 12-inch PVC water line along Canada-Toto Loop; and replacing an existing 6-inch ACP water line with a new 6-inch PVC water line along Blas Street.	

<u>BID PACKAGE</u> EE 09-02, EE 09-05 MP-PW-WELL-06	Deep Well Power Line Conditioner Pilot Project	
<50% Complete	Activities/Notes: Draft Electrical One Line diagram and Generator plan for Well A-12 is completed. GPA review pending. Preliminary location of new power line conditioner at Well A-12 under review. Preparing the design-build bid document.	
Project Description:	The project is a pilot project to install and evaluate the effectiveness of a power line conditioner for providing "clean" incoming power for a GWA deep well. Evaluation includes transient and surge protection and suppression, under/over voltage correction and protection, phase imbalance correction and protection, and capital and operation costs/savings.	

BOX KEY FOR PROJECT:

(Type of Project) (Relevant CIP NO.)	(Project Title) (Contractor or consultant)	Start Date: (month and year)
(Percentage complete for project)	Activities/Notes: (brief description of activity)	Completion Date: (month and year)
(Court Order Paragraph No.)	(Project type)	
Project Description	Project Description Narrative	

C. CIP Water Section

INSPECTION PW 05-02	Inspection & Maintenance Repairs to GWA Island-Wide Steel Water Tank Reservoirs Phase 2 (DCA)	Start Date: April 2010
81% Complete	Activities/Notes: Remaining work is API inspection, API report, structural inspection, tank bypass planning, and partial construction for the repair work. ID/IQ contract approved on 03/03/2021. Ongoing CM inspection services for the Yigo no. 3 and Agat-Umatac steel tank repair and Santa Ana bypass work. Windward Hills API final report received on 03/03/2021. Scope of work sent to Contractor for pricing. Continuing review of submittal, RFIs, and project payments. Conducting meetings.	Completion Date: To be determined (TBD)
CO 38C	Engineering inspection services	
Project Description:	The Court Order requires GWA to inspect all active and in some cases inactive water reservoirs. The inspection results will allow GWA to determine if a reservoir requires repair or replacement.	

DESIGN PW 05-12	Brigade II BPS Upgrade (EM Chen)	Start Date: April 2012
100% Complete (Basis of Design) 99% Complete (Design)	Activities/Notes: Design plans and specs continue to be reviewed and revised.	Completion Date: TBD
N/A	Engineering design services	

Project Description:	The design project is intended to assess system water supply feed from the north as well as Ugum WTP and the water demands downstream from the Brigade BPS so as to reconfigure the piping into the BPS and resize the pumps to me system head requirements.
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DESIGN PW 09-11	Northern and Southern Guam Reservoir Design (TG Engineers)	Start Date: May 2015
90% Complete	<p>Activities/Notes:</p> <p><u>Ugum Reservoir</u> Design is at 90%. Designer is working towards 100%.</p> <p>TGE to send change order cost for design of new instrumentation building.</p> <p>Instrumentation building was requested by Ron Topasna. New building to house chlorine analyzers and TOCs equipment. Current location at bps is too small to properly house the equipment.</p> <p>GWA and TGE are working on the SCADA modification plans and specifications to integrate new tank and processes.</p> <p><u>Inarajan and Agfayan Booster Pump Station</u> Biological Assessment and Archaeological report are pending.</p> <p>TGE proceeding with design at both sites.</p> <p><u>Santa Rosa, Santa Rita, and Sinifa Reservoir</u> Under construction. See Santa Rosa, Santa Rita, and Sinifa Construction for update.</p>	<p>Completion Date: Completion will be in line with construction completion.</p>
CO 29 (b)(4)	Engineering design services	
Project Description:	<p>The design services will consist of preparation of plans, specifications, and estimates (PS&E), which includes Basis of Design, design calculations, hydraulic modeling (EPANET), computational fluid dynamic modeling (CFD), construction schedule, topographical survey, property research, property mapping, geotechnical engineering, cultural resource inventory and evaluation of historic resources, hazardous materials survey, construction documents, design drawings in Auto CAD, relevant permit, construction bid support service, and response to request for interpretation/information during construction. The tank locations are Ugum, Santa Rita, Santa Rosa, Inarajan and Sinifa.</p>	

DESIGN PW 12-04	Central Guam Reservoirs Design (GHD Inc.)	Start Date: May 2015
93% Complete	<p>Activities/Notes:</p> <p><u>Tamuning No. 2 Reservoir and Tamuning Booster Pump Station</u> 90% design submitted. Plans are under review by GWA.</p> <p>Per Bobbie, property acquisition letter for Lot 1, Block 5, Tract 1427 has been signed by GM. Property purchase is underway.</p> <p>Archaeological survey is pending archaeologist schedule. Biological survey completed.</p> <p><u>Manenggon Reservoir and Access Booster Pump Station</u> 100% design revision submitted. Plans is under review by GWA. Electrical/instrumentation review complete.</p> <p>Biological Assessment report completed. Archaeological report will need to be expanded. Pending archaeologist schedule for additional site visits. GHD/SEARCH is coordinating with SHPO on what will be required. Historical artifacts found at the adjacent lot.</p> <p><u>Piti Reservoir</u> DCA and GHD are working to put the bid package together. DCA has already completed the major steel tank repair plan and specifications. GHD is working on site utility plan and specifications.</p> <p>GWA has not submitted the Right of Way application to National Parks Services yet. GWA has received the final Dept. of Agriculture consultation response letter. Biological Assessment report has been completed. Archaeological report needs to be completed before ROW application can be submitted.</p> <p>Waiting on National Park Service to allow Archaeologist to go onsite to perform survey. GWA did a follow up on this request. National Park Service sent the request to their national office for review and approval.</p> <p><u>A23-A25 Deepwell (PFAS Treatment)</u> 90% submittal under review by GWA. Design meeting held with Operations. Designer is working towards 100%.</p>	<p>Completion Date: Completion will be in line with construction completion.</p>

	A23 and A25 MOU sent to DPW for signature. No response from DPW. Tumon No. 1, Hyundai, Chaot No. 2 Reservoir Under construction. See Tumon no. 1, Hyundai, Chaot no. 2 Reservoir Construction for update.	
CO 29 (b)(4)	Engineering design services	
Project Description:	The design services will consist of preparation of plans, specifications, and estimates (PS&E), which includes Basis of Design, design calculations, hydraulic modeling (EPANET), computational fluid dynamic modeling (CFD), construction schedule, topographical survey, property research, property mapping, geotechnical engineering, cultural resource inventory and evaluation of historic resources, hazardous materials survey, construction documents, design drawings in Auto CAD, relevant permit, construction bid support service, and response to request for interpretation/information during construction The tank locations are Hyundai, Pulantat, Chaot #2, Tumon #2, Piti & Tumon #1.	

CONSTRUCTION PW 09-03	Line Replacement Phase IV (Giant Construction)	Start Date: February 14, 2016
99% Complete	Activities/Notes: All water testing has been conducted by GEPA/WERI and passed. Remaining work includes paving and lateral re-connection of a single structure.	Completion Date: October 28, 2020
	Construction Services	
Project Description:	The project is intended to replace existing water lines that have been found by operations to be leaking and/or are causing service delivery to less than what GWA is required to provide. The project will replace water mains at ten known locations throughout the island and a component within the bid where line replacement work for unknown locations is accounted for.	

DESIGN PW 05-15	Asan Springs Rehabilitation Design (HDR)	Start Date: August 24, 2016
82% Complete	Activities/Notes: Designer submitted a letter to NPS to coordinate the archaeological survey requirements with SHPO; response pending. Designer submitted the biological survey approach to NPS, permit is pending. Biological survey was done on 02/10/2021 at Asan Springs. Preliminary findings from HDR led to the discovery of snails around the project site. Pending HDR response and approach on the determination of snails located around Asan Springs.	Completion Date: June 2022
	Engineering design services	

Project Description:	<ul style="list-style-type: none"> - Perform site visits and condition assessment for site conditions to determine demolition and rehabilitation requirement, process equipment condition, structural condition, and electrical system. Site condition assessment shall include all disciplines to execute the project. - Review and validate the current property boundary information to confirm the available space for the project development. - Perform an environmental impact study and prepare all required permits as needed. - Perform an archeological and historical resources study to identify potential impact to the project, prepare all required permits as needed. - Coordinate with Guam Historic Resources Division State Historic Preservation Office (SHPO) on historical resources study. Prepare all necessary reports and documents as required by SHPO. - Coordinate with Guam Department of Agriculture, Division of Aquatic and Wildlife Resources (DAWR) on vegetation clearance. Prepare all necessary reports and documents required by DAWR. - Identify the existing and projected service area, period of design. - Identify and recommend conceptual water treatment system. - Perform a Class 4 engineering cost estimate according to the American Association of Cost Engineers (AACE) International Cost Estimate Classification System for construction fee. Cost must include all disciplines, permit, construction and administration that are necessary to execute the project. All costs will be in current dollars and escalated to the estimated midpoint of construction.
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CONSTRUCTION PW 09-11, PW 12-05	Yigo/Astumbo Tank Construction (Pernix)	Start Date: December 1, 2016
99% Complete	Activities/Notes: GWA and CM is working with Pernix to close out project. Final walkthrough completed. Lien Release and Warranty documents received. Proceeding with final payments and project closeout.	Completion Date: October 31, 2018
	Construction Services	
Project Description:	This project will involve construction of two (2) 2MG concrete tanks and Booster Pump Station at the Yigo site and a one (1) 2MG concrete tank at the Astumbo site. Work will involve new pipe line, valves, electrical controls, pumps and motors, site drainage, paving, generator for the BPS, SCADA, etc.	

CONSTRUCTION MANAGEMENT PW 09-11, PW 12-05	Yigo/Astumbo Tank Construction Management (GHD)	Start Date: December 2016
99% complete	Activities/Notes: Working to complete project close out requirements.	Completion Date: August 2019

N/A	Construction Management services	
Project Description:	The work performed under this project procurement shall consist of Construction Management and Inspection Services for the demolition of existing steel elevate and ground tanks as well as the construction of the 2MG concrete tanks at the Yigo tank location and Astumbo tank location. The overall goal of the Construction Manager (CM) is to manage the entire construction process so that the project can be delivered efficiently and professionally.	

<u>CONSTRUCTION MANAGEMENT</u> PW 12-04, PW 12-06 AND PW 09-11	Central Tank Phase I (Chaot #2, Tumon #2, Hyundai) Construction Management (TG Engineers, PC)	Start Date: December 2017
95% complete	Activities/Notes: Change Order no. 1 sent to GWA management for approval. Change Order no. 2 executed. Awaiting A/E invoicing. Change Order no. 3 will be forthcoming to cover CM services to 12/2020. As of 01/01/2021, GWA water CIP engineering will take over CM duties for remaining work. CM will be onboard for limited services – Eadoc project software management and conducting meetings/meeting minutes.	Completion Date: March 2021
N/A	Construction Management services	
Project Description:	The work performed under this project procurement shall consist of Construction Management and Inspection Services for the construction of three water reservoirs; 0.5MG Chaot #2, 1MG Tumon #2 (Nissan) and 1MG Hyundai. The overall goal of the Construction Manager (CM) is to manage the entire construction process so that the project can be delivered efficiently and professionally.	

CONSTRUCTION PW 12-04, PW 12-06 AND PW 09-11	Central Tank Phase I (Chaot #2, Tumon #2, Hyundai) Construction (AIC)	Start Date: February 8, 2018
89% Complete	Activities/Notes: <u>Tumon No. 1</u> Tumon no. 1 online – 08/20/2020. Working on St. John's PRV. Pale San Vitores HEP pending DPW approval. DPW will not issue permit until St. John's PRV work is completed. <u>Barrigada Heights No. 1 (Hyundai)</u> Barrigada Heights no. 1 online – 10/09/2020. Awaiting booster pump system to arrive. Additional connection to the new bps pumped zone for houses pass the Hyundai tank. Working to install temporary piping in the booster station to activate new loop line. <u>Barrigada</u> Contractor working on electrical for booster and PRSV station. <u>Chaot No. 2</u> Chaot No. 2 tank online – 09/02/2020. Contractor working on A-series well, Dero Rd connection to Leo Palace line, chlorination system improvements and miscellaneous improvements.	Completion Date: TBD (Completion date has passed. Pending time extension for permit delays.)
	Construction Services	
Project Description:	The work performed under this project procurement shall consist of Construction of three water reservoirs; 0.5MG Chaot #2, 1MG Tumon #2 (Nissan) and 1MG Hyundai. Some piping work off site from the reservoir is also required to ensure the reservoirs function optimally.	

CONSTRUCTION MANAGEMENT PW 09-11	Northern and Southern Tank Phase I (Santa Rosa, Sinifa, Santa Rita) Construction Management (GHD)	Start Date: April 2018
0% Complete	Activities/Notes: Change Order no. 1 issued. Santa Rita NTP issued to CM on 12/14/2020. Santa Rosa NTP issued to CM on 01/11/2021. CM providing standard CM services.	Completion Date: Santa Rosa: 455 days from NTP Santa Rita: 485 days from NTP Sinifa: 425 days from NTP.
N/A	Construction Management services	

Project Description:	The work performed under this project procurement shall consist of Construction Management and Inspection Services for the construction of three water reservoirs: 1MG Santa Rosa, 1MG Sinifa and 1MG Santa Rita. The overall goal of the Construction Manager (CM) is to manage the entire construction process so that the project can be delivered efficiently and professionally.
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CONSTRUCTION PW 09-11	Northern and Southern Tank Phase I (Santa Rosa, Sinifa, Santa Rita) Construction (AIC)	Start Date: October 2019
3% Complete	Activities/Notes: Santa Rosa: Tank foundation and retaining wall preparation is ongoing. Detention basin excavation ongoing. Inlet vault forming ongoing. Santa Rita: Steel tank demolished. Contractor working on detention basin, oiled sand removal, new tank foundation preparation, pile rebar cage, and miscellaneous site work. Sinifa: Pending permit. SHPO provided comments to the Archaeological report. Response letter sent to SHPO. Under review by SHPO. As of 03/03/2021, John Mark Joseph of SHPO to review.	Completion Date: Santa Rosa Final Completion – February 13, 2022 Santa Rita Final Completion – March 15, 2022 Sinifa Final Completion – January 14, 2022
	Construction Services	
Project Description:	The work performed under this project procurement shall consist of Construction Services of three water reservoirs: 1MG Santa Rosa, 1MG Sinifa and 1MG Santa Rita. Some piping work off site from the reservoir is also required to ensure the reservoirs function optimally.	

CONSTRUCTION	Pressure Zone Realignment and Tank Repair-Replacement – Phase I (Sumitomo)	Start Date: December 17, 2019 (Notification of Award)
0% Complete	Activities/Notes: Construction work active at Kaiser, Carnation, and Ysengsong PRV sites. Potholing to begin at Ysengsong and Clara areas within the next 3 weeks. Construction meetings are ongoing. CO no. 1 not yet signed by SMCC; pending cost estimates for additive bid item materials. CO no.2 for time extension pending on CO no.1. Arrival of 14", 16" piping and scada panels delayed.	Completion Date: May 6, 2021
N/A	Construction Services	

Project Description:	The work performed under this project procurement shall consist of Construction Services for the installation of control valves (PRVs, PRSVs), piping, and related electrical upgrades to properly control and measure system flow between zones.
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DESIGN PW 05-12	Pressure Zone Realignment and Tank Repair-Replacement (GHD)	Start Date: August 2018
Design will be done in Phases. Phase I - 100% (Design) Phase II - 80% (Design)	Activities/Notes: Designer submitted Phase II 60% plans on 08/04/2020 and reviewed by Water CIP Engineering team on 08/11/2020. Engineering, Operations and designers performed several site visits and investigations for Phase II and III. Resolution for Change Order no. 3 on Design services for Nimitz Hill Waterline Replacement and Phase II CM services is in the works approved 02/29/2021. Change Order no. 3 sent to GHD 03/04/2021.	Completion Date:
N/A	Engineering design services	
Project Description:	The design project is intended to assess current and recommended pressure zones, and design and install control valves (PRVs, PRSVs) to properly control and measure system flow between zones. Scope also includes setting up pilot DMAs; and design for new or repaired water tanks needed to complete the court order tank requirements.	

DESIGN, CONSTRUCTION, CONSTRUCTION MANAGEMENT PW 09-11	Tank Repair and Bypass (DCA, AIC, GWA)	Start Date: May 1, 2020
19% Complete	Activities/Notes: Construction contract effective 04/21/2020. NTP issued 05/01/2020 with modified language for work starting onsite. Agat-Umatat and Yigo no. 3 repairs ongoing. Astumbo no. 1 delayed due to presence of lead paint. Change Order no. 3 under process for lead paint abatement. Metal plate may be used to repair Windward Hills tank, which is more crucial than Astumbo. Contractor is pricing scope/cost for Windward Hills tank. Santa Ana bypass work is ongoing. Awaiting DPW permit for Malojloj site.	Completion Date: TBD (Dependent on repairs required after inspection)

Project Description:	The work to be performed under this project consist of installing by-pass piping, valves, etc. ahead of certain tank inspection work. The operation of the by-pass will allow the tank inspector to determine appropriate repairs after which the contractor will proceed to repair the tank.
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DESIGN PW 09-02	New Well Site Development - Y-08, AG-10, AG-12 (GHD)	Start Date: September 2018 (Extension)
99% Complete	Activities/Notes: 100% plans and specifications were submitted on 06/04/2020. Change Order no. 8 to complete final plan set and engineer estimate is under negotiation with GHD.	Completion Date: TBD
N/A	Engineering Design Services	
Project Description:	The design project is intended to design 3 new wells to increase production capacity. The design services will consist of preparation of plans, specifications, and estimates (PS&E), which includes Basis of Design, design calculations, construction schedule, construction documents, design drawings in Auto CAD, relevant permit, construction bid support service, and response to request for interpretation/information during construction.	

CONSTRUCTION PW 14-01	Fire Hydrant Replacement Phase I (Mega United Corporation, Ltd.)	Start Date: October 19, 2019
0% Complete	Activities/Notes: DPW issue the Building Permit for Fire Hydrant Replacement Phase 1 project on 02/27/2021. A pre-con meeting is scheduled on Friday, 03/05/2021 with Mega United. GWA Supply Supervisor and Vince Pangelinan to discuss the project construction progress schedule, the scheduling of water outages and pulling of fire hydrant materials from supply yard.	Completion Date: October 25, 2020
Project Description:	The work performed under this project consist of replacing the dry barrel fire hydrants with wet barrel type fire hydrants. The replacement will involve removal of defective fire hydrant laterals, gate valves, hydrant stem and barrel and other appurtenances necessary to complete the project.	

<u>CONSTRUCTION</u> PW 05-07	Groundwater Well Production Meter Replacement Project (Giant Construction)	Start Date: April 29, 2020
10% Complete	Activities/Notes: - Water meters arrived 02/04/2021. - Contractor completed assembly of the new discharge piping for Y-15, Y-23, Y-09, Y-17, and Y-07 and was pressure tested on 02/08/2021. - Contractor coordinating the disinfection with GEPA. - All Thirty (30) meters were brought to GWA Meter Testing Facility for testing. GWA MTF completed the testing of all meters on 02/26/2021.	Completion Date: June 28, 2021
	Construction services	
Project Description:	Work to be performed under this project shall consist of replacing the production well meters and associated well head piping. Construction management is performed in-house.	

<u>DESIGN AND CONSTRUCTION</u> PW 09-03	Casimiru Waterline Replacement Project (Giant Construction)	Start Date: February 8, 2021
0% Complete	Activities/Notes: - NTP was issued 02/08/2021. - Pre-construction meeting was held on 02/17/2021. Design Consultant, WB Flores, attended the pre-construction meeting. - Contractor transmitted material submittals for GWA approval on 02/28/2021.	Completion Date: March 8, 2022
	Design and Construction services	
Project Description:	Work to be performed under this project shall consist of design and construction of existing ACP replacement. Approximate length of existing waterline to be replaced is 2,750 feet. Construction management is performed in-house.	

D. CIP Wastewater Section

CONSTRUCTION WW 09-06	Bayside SPS Improvements Design (EMPSCO)	Start Date:
12% Construction Services	Activities/Notes: - Concrete in place of underground power completed. Concreting of Meter pedestal completed. Installation of rip rap ongoing. - Continue to review submittal, shop drawings and RFI's. - Upcoming Change Request, dewatering of existing dry well and provision of auto dialer and generator enclosure, additional silt fence along easement heading to pump station and provision of bollard.	Completion Date: November 28, 2021
CO #3	Engineering design services	
Project Description:	The intent of this project for an engineering firm to prepare design drawings and specification to upgrade the Bayside Sewer Pump Station given the facility is in major disrepair and the adjacent river is eroding away the access road to the facility which is causing maintenance challenges and install underground power cable due to GPA's concern that existing power pole, located on the bank is at risk of being lost due to storm surges.	

E. CIP Engineering Support

DESIGN EE 09-08	SCADA System for Water and Wastewater Facilities Phase A-1 (AECOM)	Start Date: June 11, 2015
100% Complete (Design) 84% Services during construction	Activities/Notes: Negotiate changes to the remaining tasks to better align with current state of the system.	Completion Date: November 2017 - Design December 11, 2019 - (Bid and Construction Support)
N/A	Engineering design services	

Project Description:	The A/E firm will design an integrated, robust and secure Supervisory Control and Data Acquisition (SCADA) system for GWA's water and wastewater systems, and to provide support services during bid and construction. The 22 sites will consist of a combination of water facilities such as production wells, reservoirs, booster pump station and wastewater sites include sewer treatment plants and sewer pump stations. Executed by approved change orders, number of sites in original design scope has changed from 22 sites to 19 sites and design of High Water Alarm for 20 critical sewer pump stations has been added. Scope also includes bid and construction support of the design-build project of GPWA SCADA EMS project.
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CONSTRUCTION EE 09-08, EE 09-09	SCADA Phase A-1 Construction (G4S Security)	Start Date: July 13, 2018
100% Construction	Activities/Notes: Final Payment was issued on 12/07/2020. This contract is now closed; defect detection period expires on 06/30/2021.	Completion Date: December 31, 2019
	Construction services	
Project Description:	The work performed under this project procurement shall consist of Construction of SCADA ready instrumentation at several water and wastewater facilities throughout the island.	

CONSTRUCTION MANAGEMENT EE 09-08, EE 09-09	SCADA Phase A-1 Construction Management (GHD)	Start Date: July 13, 2018
100% Complete (due to increased contract amount and unbilled balance)	Activities/Notes: GHD submitted final billing; payment pending awaiting the release of claim document. Processing a Time Extension Deductive Change Order to deobligate the unused balance.	Completion Date: January 25, 2021
	Construction Management services	
Project Description:	The work performed under this project procurement shall consist of Construction Management and Inspection Services for the installation SCADA ready instrumentation at several water and wastewater facilities throughout the island. The overall goal of the Construction Manager (CM) is to manage the entire construction process so that the project can be delivered efficiently and professionally.	

F. GIS Section

MAPPING MC 05-02	Island Wide Survey- (Duenas, Camacho & Ass.)	Start Date: December 2007
99% complete	Activities/Notes: Still on hold for the Tumon no.1 Tank (aka Airport Tank).	Completion Date: October 2019
	Survey services	
Project Description:	The contracted land surveyor is required to conduct title research, property valuation and mapping of property boundaries where GWA facilities are located, including the lots which are not registered under GWA's name.	

MAPPING MC 05-02	Island Wide Survey PH II - (Duenas, Camacho & Ass.)	Start Date: August 30, 2017
80% complete	Activities/Notes: First 3 land registration maps signed by GWA GM. Submitted to DCA for DLM survey process.	Completion Date: December 2019 - Request for extension sent to GM 10/29/2019 – due to myriad of reasons, extended periods of inclement weather, delays in DLM Survey review and approval of property maps and changes of additional scope of survey work.
	Survey services	
Project Description:	The work performed under this project procurement shall consist of a professional land surveyor conducting field work to mark corners of existing government properties as a means of severing out portions of the larger property to be deeded to GWA. Surveyor shall also prepare all necessary maps and documents for recording at DLM.	

G. Permits SectionPERMITS
MONTHLY REPORT 2021

Description	2021												TOTAL
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Building Permit	26	24											50
Occupancy Permit	11	11											22
New Installation	19	30											49
Sewer Application	0	4											4
Sewer Inspection	0	0											0
Private Utility Acceptance	0	1											1
Relocation of Water Meter	2	1											3
Tapping-Water	1	1											2
Tapping-Sewer	1	0											1
Clearance-Water	25	50											75
Clearance-Sewer	1	0											1
Highway Encroachment	9	13											22
Verification of Utilities	14	12											26
Fire Flow Test	1	0											1
Schedule Water Outage	0	0											0

NOTE: Completed work orders for each calendar month are reported.

AVERAGE PROCESSING TIME FOR COMPLETION (DAYS)
FOR THE CALENDAR MONTH OF **FEBRUARY** 2021

Description	2021											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Building Permit	35	25										
Occupancy Permit	0	0										
New Installation	56	24										
Sewer Application	0	0										
Sewer Inspection	0	0										
Private Utility Acceptance	0	10										
Relocation of Water Meter	259	81										
Tapping-Water	93	35										
Tapping-Sewer	0	0										
Clearance-Water	4	3										
Clearance-Sewer	7	0										
Highway Encroachment	0	0										
Verification of Utilities	16	43 ^{a1}										
Fire Flow Test	16	0										
Schedule Water Outage	0	0										


Subscript comments are based on what occurred during the month of **February**

a1 Some VOU replies were delayed when other staff assignments needed urgent response.

H. USEPA SRF Project Status Report

United States Environmental Protection Agency State Revolving Funds (USEPA SRF)

- Projects listed below that are noted to be in the procurement phase will follow the “Percentage Key” below.
Percentage Key:

100%	Approved by GM
99%	Signature required from either Accounting/Legal/GM
98%	Processing engineering service or construction contract (with legal)
95%	Request for CCU approval (GM/engineering)
90%	A/E fee negotiation or contractor bid evaluation (engineering)
80%	Selected A/E or Conducted bid opening (engineering)
70%	Advertised RFP/IFB (engineering)
60%	RFP/IFB Package under legal review
50%	RFP/IFB Package completed (engineering)
Less than 50%	Project Scope of work development in progress
- Red text anywhere indicates a change from the last report.
- Cells highlighted in green  indicate contract amount certified and project active.

NOTE: Table below only reflects SRF projects that are still active. All other projects previously shown are on prior reports

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Project	Project Description	Project Manager	Phase		Start Date (NTP Issued)	Anticipated Completion Date	Contract Amount	Contractor	Status as of 03/02/2021
3	Asan-Adelup-Hagatna Route 1 Sewer Line Rehabilitation and Replacement	Brown & Caldwell	Design	2	12/11/2015	3/30/2017 for Design requirements	\$ 1,780,210.00	HDR	HDR assisting as needed. Also, Archaeological monitoring through HDR contract. HDR CO for archaeological monitoring and additional construction services approved by GWA. This CO includes design services for Phase II (Adelup to Hagatna).
			Construction	2	11/9/2018	3/8/2020	\$6,275,783.00	InfraTech	InfraTech (via Allied Trenchless) completed Cleaning/CCTV for areas they were able to access. CO #5 executed. Continuation of last point repair. Concluded it can be cleaned and lined. Pavement restoration of trench crossing Rte. 1 into the Asan Pump Station completed. Contractor claiming for re-ordering CIPP materials (\$166K). Preliminary recommendation by CM and PM is that the claim is unwarranted.
			Construction (Phase II)				\$ 8,000,000.00	CoreTech	Adelup to Hagatna. Contract awarded, signed by GWA and CoreTech. Pre-con held last week. Contractor assembling submittals and Schedule of Values.
			CM	2	8/3/2017	3/8/2020	\$ 870,610.41	DCA	Working with Contractor on schedule, submittals, responding to RFIs, and assisting in the negotiations of PCO costs. Fee proposal for CM services for Phase 2 submitted and accepted by GWA. Change Order to add CM for Phase 2 prepared for GWA. CO pending GWA execution.
4	Route 2 Agat War in the Pacific Sewer Line Rehabilitation and Replacement	Brown & Caldwell	Design	3	11/17/2015	3/30/2017 for Design requirements	\$ 316,681.00	SSFm	Providing designer support during construction. Final invoice submitted to GWA on 05/01/2020. Project is completed.
			Construction	3	8/31/2017	10/1/2018 (Contractor in LD period)	\$4,688,042.38	ProPacific	FOIA request. Currently gathering correspondence records and contract documents. PPBC needs to submit final CCTV and paperwork for review and acceptance of pipe between SMH 2 through 10. All work now completed. PPBC submitted a request for CO to resolve excess excavated materials, time extension, LD time, and other costs to BC. CO sent to GWA but prior to executing, the matter of LD assessment must be resolved. BC is working on this now. The final payment request is to accompany the change order to reconcile contract obligation amount. BC requesting final invoice from PPBC together with final As-Builts. BC working with GWA on assessment of LDs and Special Damages. Working on final payment quantities. Change Order #5 revised to include LDs and sent to PBC for signature. Pending signature by PPBC. GWA preparing a 5427 determination. PPBC signed CO#5. Final Payment Request from contractor and sent to GWA for payment.
			Construction (Phase 2)						B&C working with HDR to prepare bid documents for RT1 Asan-Adelup-Agana PH2.
			CM	3	9/19/2017	10/1/2018	\$ 749,950.00	TG Engineers	Assembling close-out documentation. As-built drawings received from TG and forwarded to GWA.

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Project	Project Description	Project Manager	Phase		Start Date (NTP Issued)	Anticipated Completion Date	Contract Amount	Contractor	Status as of 03/02/2021
7	Groundwater Wells Rehabilitation (F-3, A-2, A-7, A-12, D-5)	Brown & Caldwell	Design	6	5/27/2016	2/28/2018 (for design only)	\$ 1,758,247.00	AECOM	Bid and Construction Support Services on hold until construction IFB is issued.
			Construction	4					No firm submitted a bid proposal. GWA Project Engineer to reassess and make additional changes to the bid package (ongoing). At this time, no response from potential firms (Well Drillers). Only two well drillers on Guam.
			CM	4			\$ 640,248.00	DCA	DCA was awarded the contract but GWA has not issued NTP until construction is approved.
8	Tumon Sewer Hot Spots	Brown & Caldwell	Design	7	6/24/2016	10/30/2017 for design only	\$ 572,089.00	TG Engineers	TGE to provide engineering services during bid process.
			Construction	See Project 15	12/1/2018	12/31/2019	See Project 15	See Project 15	See Project 15
			CM	See Project	5/31/2019	5/31/2020	See Project 15	Am Orient	Procurement 100%: Contract fully executed. CM services to be on hold until bidding restarted.
12	Route 4 Relief Sewer Line Rehabilitation and Replacement	Brown & Caldwell	Design	9	3/1/2016	4/22/2017	\$ 794,000.00	AECOM	AECOM concluded that the intertie pipe that was installed with deviations (not first approved) from the design plans does not have a significant effect on the performance of either sewer line. GWA asked for concurrence of acceptance. GWA accepted as constructed.
			Construction	5	9/3/2018	6/30/2020	\$ 3,998,688.00	Insituform	CCU approved CO #5 to increase contingency authorization. Submitted CO #6 submitted to GWA for approval. Decision by GWA regarding LDs needed to process final payment. Pending response from Barbara Cruz. GWA added time to contract. Final LDs based on 2 days. Final Payment submitted to GWA.
				6	9/25/2018	6/30/2020	\$ 3,407,848.00	ProPacific	PPBC completed all work under this contract. Final inspection on 10/19. Substantial Completion was on 10/09/2020. Final completion was on 10/13/2020. Pending Final Payment request.
			CM	6	11/15/2018	12/31/2019	\$ 702,678.13	EMPSCO	Consultant assembling close-out documentation.

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Project	Project Description	Project Manager	Phase		Start Date (NTP Issued)	Anticipated Completion Date	Contract Amount	Contractor	Status as of 03/02/2021
14	Southern SSES Sewer Rehabilitation (Baza Gardens- Talofofo)	Brown & Caldwell	Design				The design was previously completed under bond funding.		
			Construction	8	8/2/2016	Due to issue related to Santa Rita sewer project completion under analysis.	\$ 1,189,815.00	ProPacific	<p><u>Santa Rita</u></p> <ul style="list-style-type: none"> • Permits/Easement <ul style="list-style-type: none"> - SHPO: Received additional comments 02/08/2021. Revised AMDP to be submitted this week 02/24/2021. - CatEx to be completed after approval. - Easement: Right of Entry signed by property owner. - BC obtaining surveyor proposals for deletion of easement. • Construction <ul style="list-style-type: none"> - GWA reviewing generator and ATS submittal. - Fusible PVC arrived on-island. - Wetwell and pumps being fabricated by manufacturer. - Continue to receive product submittals. - Working with GPA to establish 3-phase power connection to lift station. <p><u>Baza Gardens/Talofofo</u></p> <ul style="list-style-type: none"> • Working on EMPSCO's final payment and issuing a final completion. • EMPSCO beginning closeout.
			CM	8	7/29/2016	5/28/2017	\$ 425,756.09	EMPSCO	Closed out. Does USEPA need anything?
15	Tamuning Sewer Hot Spots	G. Gattoc	Design	10	9/9/2016	10/31/2017 (for design only)	\$ 663,629.00	TG Engineers	TGE to provide engineering support services during bid process and construction.
			Construction	9	1/30/2020	12/31/2020	\$ 1,093,955.87	Ian Corporation	<ul style="list-style-type: none"> • Contractor started mobilization on 02/15/2021 and excavation on 02/16/2021. • Upon excavation, discovery of prior point repair by GWA Ops; CCTV conducted on 02/20/2021 to re-assess pipe and scope of work. • Contractor to resubmit revised Construction Schedule and extension request letter.
			CM	9	3/31/2019	3/31/2020	\$ 531,000.75	Am Orient	CM acknowledged Notice to Proceed (NTP).

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Project	Project Description	Project Manager	Phase		Start Date (NTP Issued)	Anticipated Completion Date	Contract Amount	Contractor	Status as of 03/02/2021
16	Talofofo Sewer Pump Stations (4 Stations)	J. Miller	Design (for Talofofo and Chalan Pago PS)	11	8/17/2016	11/30/2017	\$ 493,818.86	EMPSCO	<ul style="list-style-type: none"> Cost Estimates are being evaluated for the construction IFB. Reviewing sewer connection laws and regulations for establishing updated expected flows. COP 11 for final design documents with GWA Finance for payment process.
			Construction	10	12/27/2018	5/29/2020	\$ 2,411,418.00	Giant Const.	<ul style="list-style-type: none"> Latest letter from GWA extends project completion date to 08/31/2020. Pending response from Giant. <i>Sent Giant another follow up for a response, with reminder of risk for substantial liquidated damages.</i> Giant working on punch list items. New auto-dialers currently with IT&E for testing. Giant received generator power sockets. Generator cables are with supplier, and Giant to check if available for pick up. Giant continuing to monitor lift stations. Ayuyu float levels are still under adjustments by JMI. No new invoices received.
			CM		12/1/2018	12/31/2019			GWA Engineering will manage construction management tasks.
18	Water Hydraulic Model (SCADA ready instruments to update Model)	Barbara Cruz	Design	12	8/3/2016	3/15/2017	\$ 523,268.00	GHD	Design complete.
		J. Mendiola/G. Yeoh	Construction (Phase I)	12	8/3/2016	6/30/2020	\$ 4,532,000.00	Sumitomo	<ul style="list-style-type: none"> CO #1 (Additive Bid) & CO #2 (Time Extension) - Pending. 4 of 9 sites work in progress (Ysengsong, Clara, Kaiser and Carnation). Pending sites Okkodo, Maimai, Yigo Reservoir, Astumbo Reservoir, Terao PRV.
			CM		6/15/2019	6/30/2020			
23	Project Advertisement	Engineering/Procurement	MISC	1			\$ 25,172.50	PDN/Post	On-going
24	Dungca Beach Sewer Improvements	GWA CIP Engr	Design						<p>GWA advised designer to revise fee proposal of the following line items:</p> <ol style="list-style-type: none"> Exclude some work activity of permitting services, GWA & USEPA working with the requirements of CatEx; Include General Construction Permit "GCP" and SWWP in the scope of work during design stages; GWA submitted a letter from USEPA to SHPO re: consultation under Section 106 dated 12/08 and a map showing APE and Potential staging area on 02/05. Waiting for SHPO's response.

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Project	Project Description	Project Manager	Phase		Start Date (NTP Issued)	Anticipated Completion Date	Contract Amount	Contractor	Status as of 03/02/2021
25 Hagatna Sewer Pump Station Force Main		GWA CIP Engr	Design						<ul style="list-style-type: none"> • A/E Service Procurement. • Initial inspection with Scott Wenger, GHD, conducted on Friday, 10/16/2020. • Teleconference with GHD on 02/22/2021, clarified GWA permit services required from GHD and subconsultants. • GHD to modify and resubmit scope and fee proposal. • NEPA Documents are still in progress. SHPO requires an Archaeological Monitoring Plan.
26 Fujita Sewer Pump Station Force Main		GWA CIP Engr	Design						<ul style="list-style-type: none"> • A/E (AECOM) submitted design cost fee proposal on 02/16/2021. • Proposal under GWA review.
27 2021 Well Rehab (A- 28, M-14, D-15 & F- 7)		GWA CIP Engr	Design						Draft scope of work with Chief Engineer for review.
							\$ 70,381,861.14		



Financial Statement Overview

February 2021

There were 149 COVID-19 positive tests and 2 COVID-related fatalities reported during the month of February. Executive Order 2021-05 extended the public health emergency from March 1, 2021 to April 4, 2021. Executive Order 2021-04 placed Guam in PCOR3 effective February 22, 2021, allowing more businesses to reopen to the public.

In early November 2020, the Governor introduced the *Strive for Five* campaign to bring down our CAR (COVID Area Risk) score to 5 or less in hopes of moving the community towards some semblance of normalcy. On February 28, 2021, the island's CAR score was at .2 and mass testing was available to the public at no charge at various locations throughout the island.

By the end of February, Guam had received 51,300 vaccines and 52,027 or 101.42% were administered with 20,232 persons receiving both shots. In addition to the 35,260 vaccines allocated to Guam for the month of March, 1,300 doses of the Johnson & Johnson Janssen COVID-19 vaccine arrived in Guam on March 8. Effective March 15, eligibility for COVID-19 vaccines was expanded to adults 50 and older. The National Guard has been administering vaccines at the UOG fieldhouse and vaccines are also more widely available through certain clinics and pharmacies.

Despite the pandemic, about a third of payments continue to be made in person. Using social media, GWA continues to encourage customers to conduct business online or via the phone. As part of this effort, GWA joined the *Going Online Together* campaign in June 2020 with several other organizations. Additionally, CARES funding was approved to customize an automated customer service online support portal which will also include requests for permitting and submissions related to backflow testing on the GWA website; the prototype is in testing.

On April 28, 2020, CCU Resolution 24-FY2020 granted the lifting of credit card limits on payments for non-residential accounts. To date, approximately 45% of payments made in FY21 were made with credit cards. Below is a summary of payments made and related fees exceeding the limit.

Month	Customer Count	Amount Paid	Fees	% of Fees to Payments
May – September 2020	140	\$241,335	\$4,952	2.05%
October – December 2020	100	\$194,764	\$3,916	2.01%
January 2021	27	\$48,491	\$975	2.01%
February 2021	41	\$91,653	\$1,843	2.01%

Compared to last year, water consumption is down 13% and wastewater flows are down 11% for the month of February. Water consumption in all customer classes for the month fell except for consumption in Agriculture, the Federal and local Government. Wastewater flows decreased for all classes except for Government and Residential, which increased by 10% and 5%.

Both Year to Date (YTD) water and wastewater demand were 11% lower than last year. Although residential demand is up by 5% for water and 6% for wastewater and Federal Government water demand is up 92%, it was not enough to offset reductions in the other customer classes.



YTD daily water consumption for the period is down 11% from 16,315 to 14,665 Kgals. YTD daily water consumption for the residential class increased by 6%, from 9,576 to 10,158 Kgals. The largest drop in YTD daily water consumption was in the hotel class, a 139% drop going from 2,825 to 1,183 Kgals.

Schools welcomed back students on January 19, 2021 with parents able to choose face to face, online or hard copy instruction; we hope to see GDOE consumption increase as more activities are held at the schools. While Government of Guam has reopened to the public, adopting procedures to protect staff and customers, it's unclear when UOG and GCC might hold in person classes. See Schedule K for Water Demand for FY2015 to FY2021.

In late December, the second United States Corona Relief Package was signed into law. Funding for rental and utility assistance as well as direct funding for water utilities were included. At the end of February, it was announced that the Department of Administration (DOA) would be managing the rental and utility assistance program. The pre-application was posted to the DOA website on March 3, 2021 and Phase 1 pre-applications are due March 19, 2021. A meeting was held with DOA, GWA, GPA, Guam Solid Waste and Guam Housing to discuss the pre-application process. DOA hopes to have the first round of payments go out in April; utilities were told that payments would be made directly to them for utility arrearages. There has been no additional information released regarding the direct assistance to water utilities that will be provided through the US Department of Health & Human Services.

Unemployment assistance has been extended and the Department of Labor is working to include reduced hours in the extension of the unemployment program. The deadline for the expenditure of CARES funding was also extended for a year however BBMR has captured any unused funds and balances are no longer available.

President Biden signed the COVID Relief Legislation that includes funding for state and local governments on March 11, 2021. At this point it is unclear whether additional funding might be made available to GWA from this relief package.

The Guam Visitors Bureau and the Guam Airport Authority had previously announced that COVID-19 testing for arriving passengers may begin, which could lead to changes in the mandatory 14-day quarantine. Additionally, negative coronavirus test results from Korea, Japan, and Taiwan could soon be accepted in time for the targeted reopening of tourism in May. However, GVB suggests arrivals are not likely to pick up until the third or fourth quarter of FY2021 and a full tourism recovery may not happen until 2024. The Guam Hotel & Restaurant Association has noted that about 3,000 military reside in Guam hotels.

GVB is exploring the possibility of a travel bubble arrangement with Taiwan. The Governor will be visiting Taiwan to help boost this plan in the upcoming months. Meanwhile, most airlines have continued to suspend flights to Guam.

As the recovery of Guam's economy is slower than expected, revenues are coming in below projections. A cost containment plan is in place in response to the revenue reductions. While sufficient cash reserves are in place, management will continue to assess the situation and make any course corrections required to ensure continuity of services to our customers while keeping the safety of our staff the highest priority.

A workshop was held with the PUC Consultants to discuss the progress of the Cost of Service (COS) Study and the Rate Application Model (RAM) on March 11; at least one other presentation on the status of the other stipulated studies may occur before the end of March. The COS as well as the other studies required by the PUC stipulation are due to the PUC on March 31, 2021. A presentation to the CCU will be scheduled in the upcoming weeks.



The system upgrade is progressing, with the cutover scheduled for early May. A User Acceptance Test (UAT) is scheduled in late March and will allow all staff the ability to test the new software. A number of paper-based processes will be automated, and we hope to see a number of efficiencies with the implementation of the new system.

A draft of the audit was provided to the OPA on February 26, 2021. GWA continues to be a low-risk auditee with no material weaknesses, no significant deficiencies and no questioned costs. We hope to issue the report before the end of March.

Balance Sheet

- Total Assets & Deferred Outflows of Resources of \$1.129B in September 2020 decreased by \$5.45M or by 0% to \$1.124B in February 2021. Current Assets decreased by \$6.5M primarily due to reductions in federal receivables, prepaid expenses, and restricted cash offset by increases in unrestricted cash and trade accounts receivable. Property, Plant and Equipment increased by \$10.5M due to increases in property net of accumulated depreciation and construction in progress. Other Noncurrent Assets decreased by \$9M primarily due to reductions in restricted cash. Cash on hand was calculated at 293 days. Schedule G contains a schedule of restricted and unrestricted cash and investments.
- Liabilities & Deferred Inflow of Resources of \$869.9M in September 2020 decreased by \$13.3M or 2% to \$856.7M in February 2021 primarily due to reductions in contractors payable and interest payable.
- Accounts Receivable days were 49 in February 2021 down from 50 days in January 2021 and Accounts Payable days were 32 in February and January 2021.

Statement of Operations and Retained Earnings

- Total Operating Revenues for February 2021 of \$8.8M were 7% or \$707K less than budget and 7% or \$707K less than February 2020 due to the impact of the COVID-19 public health emergency and offset by the 5% increases effective in March and October 2020.
- Year to Date Operating Revenues as of February 2021 of \$41.3M were 13% or \$6.1M below budget of \$47.4M and \$5.4M or 12% below Year-to-Date Operating Revenues at February 2020 of \$46.7M.
- Below is the percentage of operating revenues (water and wastewater) contributed by GWA's customer classes for FY2021 and FY2020 Year to Date as of February as well as the revenue totals:

Customer Class	FY2021		FY2020	
○ Residential	\$20,478,994	50.59%	\$18,533,815	40.11%
○ Commercial	\$8,138,577	20.11%	\$9,503,458	20.56%
○ Hotel	\$5,124,225	12.66%	\$11,557,748	25.01%
○ Government of Guam	\$4,017,780	9.93%	\$4,036,621	8.73%
○ Federal Government	\$2,510,123	6.20%	\$2,362,033	5.11%
○ Agriculture, Golf Course, Irrigation	\$209,211	.52%	\$218,442	.47%

- Total Operating Expenses for February 2021 of \$6.7M were \$801K or 11% lower than budget. Total Operating Expenses for February 2021 were 9% or \$675K less than February 2020 with decreases in most expense categories.



- Year to Date Operating Expenses in February 2021 of \$34.1M were \$3.2M or 9% lower than budget. Year to Date Operating Expenses in February 2021 were \$2.3M or 6% less than last year's \$36.4M.
- Earnings from Operations for February 2021 of \$2.1M were 5% or \$94K less than budget and 1% or \$31K less than February 2020. Change in Net Assets for February 2021 of \$167K were \$2.6M less than the \$2.8M budget mainly due to \$2.7M less in Grants and \$5.4M less than February 2020 due to \$4.7M less in grants.
- Year to Date Earnings from Operations as of February 2021 of \$7.2M were 28% or \$2.8M less than budget of \$10M and 30% or \$3.1M less than YTD Earnings of \$10.3M as of February 2020. Year to Date Change in Net Assets as of February 2021 of \$7.9M were \$6.1M or 44% less than budget of \$14M. Year to Date Change in Net Assets as of February 2021 were \$7.9M or 50% less than YTD as of February 2020 of \$15.7M with decreases of \$3.4M in Non-Operating Revenues net of Expenses and \$1.4M less in grants.

Key Financial Indicators

Indicator	Target	January 2021	February 2021
DSC YTD			
• Per Section 6.12 of Indenture	1.25	1.30	1.34
• Per PUC / CCU	1.40	1.30	1.34
Days – Cash on Hand	120 days	259 days	293 days
Collection Ratio			
• Month to Date	99%	91%	97%
• Year to Date	99%	95%	95%
Days Billed	30 days	32 days	29 days
Account Receivable Days	30 days	50 days	49 days
Account Payable Days	45 days	32 days	32 days
Employee Count	400 FTE	373 FTE	370 FTE
Water Demand			
• Month to Date	478,754	471,523	438,854
• Year to Date	2,393,771	1,760,915	2,199,768
Wastewater Flow			
• Month to Date	356,472	328,313	320,727
• Year to Date	1,782,362	1,245,027	1,565,754
Water Customers	42,839	43,086	43,202
Wastewater Customers	29,805	29,765	29,867

GUAM WATERWORKS AUTHORITY
February 28, 2021
FINANCIAL AND RELATED REPORTS
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GWA Work Session - March 16, 2021 - DIVISION REPORTS

GUAM WATERWORKS AUTHORITY
Balance Sheet
February 28, 2021

SCHEDULE A

ASSETS AND DEFERRED OUTFLOWS of RESOURCES	Unaudited February 28, 2021	Unaudited September 30, 2020	Increase (Decrease)
<u>Current Assets</u>			
Cash			
Unrestricted (Schedule G)	45,462,585	42,479,412	2,983,174
Restricted Funds (Schedule G)	28,988,317	30,072,502	(1,084,185)
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of \$8,837,593 at Feb 28, 2021 and \$8,027,857 at Sep 30, 2020	13,850,034	12,562,276	1,287,758
Federal Receivable	693,529	8,168,373	(7,474,844)
Other Receivable	540,470	901,928	(361,458)
Prepaid Expenses	845,099	2,615,782	(1,770,682)
Materials & Supplies Inventory, Net of Allowance for Obsolescence of \$64,131 at Feb 28, 2021 and \$64,131 at Sep 30, 2020	4,705,572	4,804,463	(98,890)
Total Current Assets	95,085,606	101,604,735	(6,519,128)
<u>Property, Plant and Equipment</u>			
Utility plant in service			
Water system	379,226,678	378,487,752	738,926
Wastewater system	492,117,959	480,533,485	11,584,474
Non-utility property	25,868,926	25,752,939	115,987
Total property	897,213,563	884,774,176	12,439,387
Less: Accumulated Depreciation	(353,772,875)	(343,114,822)	(10,658,052)
Land	5,240,187	5,240,187	-
Construction Work in Progress	154,019,963	145,342,590	8,677,373
Property, Plant and Equipment, net	702,700,839	692,242,131	10,458,708
<u>Noncurrent assets</u>			
Restricted cash (Schedule G)	207,227,609	219,203,039	(11,975,430)
Investments (Schedule G)	69,615,981	66,616,997	2,998,984
Total other noncurrent assets and deferred charges	276,843,590	285,820,035	(8,976,445)
Total Assets	1,074,630,035	1,079,666,901	(5,036,866)
Deferred outflows of resources			
Regulatory Assets	877,500	430,962	446,538
Debt defeasance due to bond refunding	32,491,316	33,351,801	(860,485)
Deferred outflows from pension	9,057,499	9,057,499	-
Deferred outflows from OPEB	6,982,196	6,982,196	-
Total Assets and Deferred Outflows of Resources	1,124,038,547	1,129,489,360	(5,450,813)
LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS			
<u>Current Liabilities</u>			
Current maturities of long-term debt			
Series 2013 Revenue Bond	2,840,000	2,695,000	145,000
Series 2014 Refunding Bond	530,000	3,760,000	(3,230,000)
Series 2016 Revenue Bond	3,860,000	420,000	3,440,000
Series 2017 Refunding Bond	2,040,000	-	2,040,000
Accounts Payable -Trade	2,771,110	2,701,944	69,167
Accrued and Other Liabilities	1,432,660	1,238,863	193,798
Interest Payable	4,961,167	6,304,598	(1,343,431)
Accrued Payroll and Employee Benefits	1,014,993	354,780	660,214
Current portion of employee annual leave	521,113	616,114	(95,001)
Contractors' Payable	11,021,528	23,311,295	(12,289,767)
Customer and Other Deposits	2,200,554	2,199,462	1,091
Total Current Liabilities	33,193,126	43,602,055	(10,408,930)
<u>Long Term Debt, less current maturities</u>			
Series 2013 Revenue Bond	24,500,000	24,645,000	(145,000)
Series 2014 Refunding Bond	64,610,000	61,380,000	3,230,000
Series 2016 Revenue Bond	139,030,000	142,470,000	(3,440,000)
Series 2017 Refunding Bond	105,325,000	107,365,000	(2,040,000)
Series 2020A Revenue Bond	134,000,000	134,000,000	-
Series 2020B Refunding Bond	166,075,000	166,075,000	-
Unamortized Bond Premium/Discount	41,748,778	42,515,523	(766,745)
Net pension liability	49,593,171	49,593,171	-
Net OPEB obligation	62,656,405	62,656,405	-
Employee Annual Leave, Less Current Portion	1,274,196	1,179,195	95,001
Employee Sick Leave	1,226,702	1,226,702	-
Total Liabilities	823,232,377	836,708,051	(13,475,674)
Deferred inflows of resources:			
Contribution in Aid of Construction	225,498	67,608	157,890
Deferred inflows from pension	1,444,744	1,444,744	-
Deferred inflows from OPEB	31,758,062	31,758,062	-
Total Liabilities and Deferred Inflows of Resources	856,660,682	869,978,465	(13,317,784)
Net Assets	267,377,864	259,510,894	7,866,970
Total Liabilities, Deferred Inflows of Resources and Net Assets	1,124,038,546	1,129,489,360	(5,450,813)

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending February 28, 2021

SCHEDULE B

	Month to Date Actual (Unaudited) February-21	Budget* February-21	Variance Favorable / (Unfavorable)
OPERATING REVENUES			
Water Revenues	5,333,883	5,863,373	(529,490)
Wastewater Revenues	2,717,230	3,226,426	(509,195)
Legislative Surcharge	243,822	274,214	(30,392)
Other Revenues	111,800	35,895	75,906
System Development Charge	363,909	77,442	286,467
Total Operating Revenues	8,770,644	9,477,350	(706,706)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	485,723	718,609	232,886
Power Purchases	983,913	1,082,131	98,219
Total Utility Costs	1,469,635	1,800,740	331,105
Salaries and Wages	1,424,224	1,769,221	344,997
Pension and Benefits	547,461	606,991	59,531
Total Salaries and Benefits	1,971,684	2,376,212	404,528
Capitalized Labor and Benefits	(293,303)	(308,333)	(15,031)
Net Salaries and Benefits	1,678,381	2,067,879	389,497
Administrative and General Expenses			
Sludge removal	156,788	156,907	119
Chemicals	98,373	196,696	98,322
Materials & Supplies	132,114	140,935	8,822
Transportation	17,297	27,298	10,001
Communications	11,002	14,528	3,527
Claims	-	3,181	3,181
Insurance	78,330	78,685	355
Training & Travel	249	14,821	14,572
Advertising	4,059	11,346	7,287
Miscellaneous	103,497	103,896	399
Regulatory Expense	8,958	24,155	15,196
Bad Debts Provision	166,047	166,113	66
Total Administrative and General Expense	776,715	938,561	161,846
Depreciation Expense	2,153,081	1,855,919	(297,162)
Contractual Expense			
Audit & Computer Maintenance	109,552	125,904	16,352
Building rental	39,538	57,352	17,814
Equipment rental	32,722	71,524	38,802
Legal	-	563	563
Laboratory	8,570	35,382	26,812
Other	130,791	234,774	103,983
Total Contractual Expense	321,173	525,500	204,326
Retiree Supp. Annuities and health care costs	220,343	233,386	13,042
Contribution to Government of Guam	50,333	48,546	(1,787)
Total Retiree Benefits	270,677	281,932	11,255
Total Operating Expenses	6,669,663	7,470,530	800,867
Earnings (Loss) from Operations	2,100,981	2,006,820	94,161
Interest Income - 2010/13/14/16/17/20 Series Bond	2,208	128,299	(126,091)
Interest Income - Other Funds	723	29,550	(28,827)
Interest Income - SDC	545	2,488	(1,943)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,480,584)	(2,638,329)	157,746
Contributions from Federal Government	-	-	-
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	-	-
Amortization of Discount, Premium and Issuance Costs	156,349	(23,078)	179,427
Defeasance due to bond refunding	(172,097)	(22,439)	(149,658)
Prior Year Adjustment	(11,890)	-	(11,890)
Total non-operating revenues (expenses)	(2,504,745)	(2,523,508)	18,763
Net Income (Loss) before capital contributions	(403,764)	(516,688)	112,925
Capital Contributions			
Grants from US Government	571,192	3,311,071	(2,739,879)
Grants from GovGuam & Others	-	-	-
Total Capital Contributions	571,192	3,311,071	(2,739,879)
Change in Net Assets	167,428	2,794,383	(2,626,955)
Debt Service Calculation			
Earnings From Operations	2,100,981	2,006,820	
System Development Charge	(363,909)	(77,442)	
Retiree COLA	50,333	48,546	
Interest/Investment Income	723	29,550	
Depreciation	2,153,081	1,855,919	
Balance Available for Debt Service per Section 6.12	3,941,210	3,863,393	
Working Capital Reserve Available for Debt Service	-	-	
Balance Available for Debt Service inclusive of reserves	3,941,210	3,863,393	
Debt Service			
Principal	772,500	772,500	
Interest	1,847,251	1,996,663	
Total	2,619,751	2,769,163	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.50	1.40	
Debt Service Coverage (1.40X) inclusive of reserves (PUC)	1.50	1.40	

*Adjusted budget

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending February 28, 2020 and 2021

SCHEDULE C

	Month to Date		Variance
	Actual (Unaudited) February-21	Actual (Unaudited) February-20	Increase / (Decrease)
OPERATING REVENUES			
Water Revenues	5,333,883	5,667,947	(334,064)
Wastewater Revenues	2,717,230	3,287,670	(570,440)
Legislative Surcharge	243,822	290,462	(46,640)
Other Revenues	111,800	162,951	(51,151)
System Development Charge	363,909	68,257	295,651
Total Operating Revenues	8,770,644	9,477,288	(706,644)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	485,723	593,669	(107,946)
Power Purchases	983,913	1,250,180	(266,268)
Total Utility Costs	1,469,635	1,843,849	(374,214)
Salaries and Wages	1,424,224	1,669,707	(245,483)
Pension and Benefits	547,461	534,390	13,070
Total Salaries and Benefits	1,971,684	2,204,097	(232,413)
Capitalized Labor and Benefits	(293,303)	(280,174)	(13,129)
Net Salaries and Benefits	1,678,381	1,923,923	(245,542)
Administrative and General Expenses			
Sludge removal	156,788	96,739	60,049
Chemicals	98,373	219,332	(120,959)
Materials & Supplies	132,114	214,015	(81,901)
Transportation	17,297	43,667	(26,370)
Communications	11,002	6,853	4,149
Insurance	78,330	77,860	470
Training & Travel	249	35,486	(35,237)
Advertising	4,059	3,193	865
Miscellaneous	103,497	78,401	25,096
Regulatory Expense	8,958	16,321	(7,363)
Bad Debts Provision	166,047	185,889	(19,842)
Total Administrative and General Expense	776,715	977,756	(201,042)
Depreciation Expense	2,153,081	2,041,971	111,110
Contractual Expense			
Audit & Computer Maintenance	109,552	31,586	77,966
Building rental	39,538	36,253	3,284
Equipment rental	32,722	111,460	(78,738)
Legal	-	-	-
Laboratory	8,570	4,871	3,699
Other	130,791	131,772	(981)
Total Contractual Expense	321,173	315,943	5,230
Retiree Supp. Annuities and health care costs	220,343	191,260	29,083
Contribution to Government of Guam	50,333	50,333	0
Total Retiree Benefits	270,677	241,593	29,084
Total Operating Expenses	6,669,663	7,345,035	(675,373)
Earnings (Loss) from Operations	2,100,981	2,132,252	(31,271)
Interest Income - 2010/13/14/16/17/20 Series Bond	2,208	157,655	(155,446)
Interest Income - Other Funds	723	44,393	(43,670)
Interest Income - SDC	545	11,052	(10,507)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,480,584)	(2,117,099)	(363,485)
Contributions from Federal Government	-	-	-
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	(15,386)	15,386
Amortization of Discount, Premium and Issuance Costs	156,349	119,970	36,379
Defeasance due to bond refunding	(172,097)	(68,976)	(103,121)
Prior Year Adjustment	(11,890)	(1,235)	(10,655)
Total non-operating revenues (expenses)	(2,504,745)	(1,875,559)	(629,185)
Net Income (Loss) before capital contributions	(403,764)	256,693	(660,457)
Capital Contributions			
Grants from US Government	571,192	5,284,656	(4,713,464)
Grants from GovGuam & Others	-	-	-
Total Capital Contributions	571,192	5,284,656	(4,713,464)
Change in Net Assets	167,428	5,541,349	(5,373,921)
Debt Service Calculation			
Earnings From Operations	2,100,981	2,132,252	
System Development Charge	(363,909)	(68,257)	
Retiree COLA	50,333	50,333	
Interest/Investment Income	723	44,393	
Depreciation	2,153,081	2,041,971	
Balance Available for Debt Service per Section 6.12	3,941,210	4,200,692	
Working Capital Reserve Available for Debt Service	-	969,418	
Balance Available for Debt Service inclusive of reserves	3,941,210	5,170,109	
Debt Service			
Principal	772,500	730,833	
Interest	1,847,251	2,117,099	
Total	2,619,751	2,847,932	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.50	1.47	
Debt Service Coverage (1.40X) (PUC)	1.50		
Debt Service Coverage (1.75X) inclusive of reserves (PUC)		1.82	

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending February 28, 2021

SCHEDULE D

	Year to Date		Variance
	Actual (Unaudited)	Budget*	Favorable /
	February-21	February-21	(Unfavorable)
OPERATING REVENUES			
Water Revenues	26,570,538	29,316,866	(2,746,328)
Wastewater Revenues	12,728,259	16,132,128	(3,403,869)
Legislative Surcharge	1,187,595	1,371,071	(183,476)
Other Revenues	227,322	179,474	47,848
System Development Charge	606,377	387,210	219,167
Total Operating Revenues	41,320,092	47,386,749	(6,066,657)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	2,595,868	3,593,044	997,176
Power Purchases	4,874,099	5,410,657	536,558
Total Utility Costs	7,469,967	9,003,701	1,533,734
Salaries and Wages	7,799,371	8,846,104	1,046,733
Pension and Benefits	2,958,436	3,034,957	76,520
Total Salaries and Benefits	10,757,807	11,881,060	1,123,253
Capitalized Labor and Benefits	(1,521,233)	(1,541,667)	(20,434)
Net Salaries and Benefits	9,236,574	10,339,393	1,102,820
Administrative and General Expenses			
Sludge removal	666,679	667,535	856
Chemicals	637,803	918,478	280,674
Materials & Supplies	533,897	852,177	318,279
Transportation	190,857	190,988	132
Communications	67,494	72,642	5,148
Claims	24,951	25,903	952
Insurance	391,652	392,427	775
Training & Travel	9,316	120,104	110,789
Advertising	17,757	56,730	38,973
Miscellaneous	464,267	464,481	213
Regulatory Expense	71,438	120,774	49,336
Bad Debts Provision	809,727	810,566	839
Total Administrative and General Expense	3,885,838	4,692,804	806,966
Depreciation Expense	10,658,052	9,279,597	(1,378,456)
Contractual Expense			
Audit & Computer Maintenance	520,276	581,520	61,244
Building rental	206,865	206,960	95
Equipment rental	132,068	320,421	188,353
Legal	-	2,813	2,813
Laboratory	67,271	176,911	109,641
Other	639,399	1,338,872	699,473
Total Contractual Expense	1,565,878	2,627,498	1,061,619
Retiree Supp. Annuities and health care costs	1,044,864	1,166,928	122,065
Contribution to Government of Guam	251,667	242,730	(8,937)
Total Retiree Benefits	1,296,530	1,409,658	113,128
Total Operating Expenses	34,112,840	37,352,651	3,239,811
Earnings (Loss) from Operations	7,207,252	10,034,098	(2,826,846)
Interest Income - 2010/13/14/16/17/20 Series Bond	11,257	641,497	(630,240)
Interest Income - Other Funds	3,340	147,752	(144,412)
Interest Income - SDC	11,694	12,438	(744)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(12,640,085)	(13,191,646)	551,561
Contributions from Federal Government	188,768	-	188,768
Federal Expenditures	(83,202)	-	(83,202)
Loss on Asset Disposal	-	-	-
Amortization of Discount, Premium and Issuance Costs	779,995	(115,388)	895,383
Defeasance due to bond refunding	(860,485)	(112,193)	(748,292)
Prior Year Adjustment	(78,632)	-	(78,632)
Total non-operating revenues (expenses)	(12,667,351)	(12,617,540)	(49,811)
Net Income (Loss) before capital contributions	(5,460,099)	(2,583,442)	(2,876,657)
Capital Contributions			
Grants from US Government	13,319,964	16,555,357	(3,235,393)
Grants from GovGuam & Others	7,106	-	7,106
Total Capital Contributions	13,327,069	16,555,357	(3,228,288)
Change in Net Assets	7,866,970	13,971,915	(6,104,945)
Debt Service Calculation			
Earnings From Operations	7,207,252	10,034,098	
System Development Charge	(606,377)	(387,210)	
Retiree COLA	251,667	242,730	
Interest/Investment Income	3,340	147,752	
Depreciation	10,658,052	9,279,597	
Balance Available for Debt Service per Section 6.12	17,513,934	19,316,966	
Working Capital Reserve Available for Debt Service	-	-	
Balance Available for Debt Service inclusive of reserves	17,513,934	19,316,966	
Debt Service			
Principal	3,862,500	3,862,500	
Interest	9,236,257	9,983,313	
Total	13,098,757	13,845,813	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.34	1.40	
Debt Service Coverage (1.40X) inclusive of reserves (PUC)	1.34	1.40	

*Adjusted budget

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending February 28, 2020 and 2021

SCHEDULE E

	Year to Date		Variance
	Actual (Unaudited)	Actual (Unaudited)	Increase /
	February-21	February-20	(Decrease)
OPERATING REVENUES			
Water Revenues	26,570,538	28,387,419	(1,816,881)
Wastewater Revenues	12,728,259	16,363,823	(3,635,564)
Legislative Surcharge	1,187,595	1,458,255	(270,660)
Other Revenues	227,322	283,877	(56,555)
System Development Charge	606,377	200,543	405,834
Total Operating Revenues	41,320,092	46,693,917	(5,373,825)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	2,595,868	2,968,345	(372,477)
Power Purchases	4,874,099	6,642,737	(1,768,638)
Total Utility Costs	7,469,967	9,611,082	(2,141,115)
Salaries and Wages	7,799,371	7,925,139	(125,768)
Pension and Benefits	2,958,436	2,576,489	381,947
Total Salaries and Benefits	10,757,807	10,501,628	256,179
Capitalized Labor and Benefits	(1,521,233)	(1,430,297)	(90,935)
Net Salaries and Benefits	9,236,574	9,071,330	165,243
Administrative and General Expenses			
Sludge removal	666,679	599,109	67,570
Chemicals	637,803	834,248	(196,445)
Materials & Supplies	533,897	821,149	(287,252)
Transportation	190,857	240,893	(50,036)
Communications	67,494	51,451	16,043
Claims	24,951	31,693	(6,742)
Insurance	391,652	389,526	2,126
Training & Travel	9,316	94,734	(85,419)
Advertising	17,757	10,293	7,464
Miscellaneous	464,267	445,131	19,137
Regulatory Expense	71,438	188,923	(117,485)
Bad Debts Provision	809,727	925,118	(115,391)
Total Administrative and General Expense	3,885,838	4,632,268	(746,430)
Depreciation Expense	10,658,052	10,035,668	622,385
Contractual Expense			
Audit & Computer Maintenance	520,276	176,022	344,254
Building rental	206,865	181,500	25,365
Equipment rental	132,068	437,474	(305,406)
Legal	-	18,082	(18,082)
Laboratory	67,271	98,900	(31,629)
Other	639,399	912,170	(272,771)
Total Contractual Expense	1,565,878	1,824,147	(258,269)
Retiree Supp. Annuities and health care costs	1,044,864	950,343	94,521
Contribution to Government of Guam	251,667	251,669	(2)
Total Retiree Benefits	1,296,530	1,202,012	94,519
Total Operating Expenses	34,112,840	36,376,508	(2,263,667)
Earnings (Loss) from Operations	7,207,252	10,317,409	(3,110,158)
Interest Income - 2010/13/14/16/17/20 Series Bond	11,257	920,988	(909,731)
Interest Income - Other Funds	3,340	246,421	(243,081)
Interest Income - SDC	11,694	59,062	(47,369)
Interest Expense - 2010/13/14/16/17/20 Series Bond	(12,640,085)	(10,585,495)	(2,054,590)
Interest Expense - ST BOG	-	(32,208)	32,208
Contributions from Federal Government	188,768	-	188,768
Federal Expenditures	(83,202)	-	(83,202)
Loss on Asset Disposal	-	(118,143)	118,143
Amortization of Discount, Premium and Issuance Costs	779,995	599,849	180,146
Defeasance due to bond refunding	(860,485)	(344,878)	(515,607)
Prior Year Adjustment	(78,632)	(29,503)	(49,129)
Total non-operating revenues (expenses)	(12,667,351)	(9,283,906)	(3,383,445)
Net Income (Loss) before capital contributions	(5,460,099)	1,033,503	(6,493,603)
Capital Contributions			
Grants from US Government	13,319,964	14,684,422	(1,364,458)
Grants from GovGuam & Others	7,106	-	7,106
Total Capital Contributions	13,327,069	14,684,422	(1,357,353)
Change in Net Assets	7,866,970	15,717,926	(7,850,956)
Debt Service Calculation			
Earnings From Operations	7,207,252	10,317,409	
System Development Charge	(606,377)	(200,543)	
Retiree COLA	251,667	251,669	
Interest/Investment Income	3,340	246,421	
Depreciation	10,658,052	10,035,668	
Balance Available for Debt Service per Section 6.12	17,513,934	20,650,624	
Working Capital Reserve Available for Debt Service	-	4,847,088	
Balance Available for Debt Service inclusive of reserves	17,513,934	25,497,711	
Debt Service			
Principal	3,862,500	3,654,167	
Interest	9,236,257	10,585,495	
Total	13,098,757	14,239,661	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.34	1.45	
Debt Service Coverage (1.40X) (PUC)	1.34		
Debt Service Coverage (1.75X) inclusive of reserves (PUC)		1.79	

Guam Waterworks Authority
System Development Charges Project Status
As of February 28, 2021

SCHEDULE F

Funding Summary

Total available project funds	\$ 13,794,193
Total project expenditures and encumbrances	10,390,541
Total unobligated project funds	\$ 3,403,652

Projects Funded

Project Description	Expenditures	Outstanding Encumbrances	Expenditures and Encumbrances
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,202,006	-	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,150,881	3,090	1,153,971
Central Guam Reservoirs	274,240	5,800	280,040
Line Replacement Phase IV	-	256,937	256,937
Northern DWWTP	36,302	5,386,297	5,422,599
Northern DWWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	519,227	74,641	593,869
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Groundwater Well Production Meter Rep.	-	151,207	151,207
	\$ 4,266,713	\$ 6,123,828	\$ 10,390,541

Future planned projects

	FY2021
Water Wells	1,000,000
Water Dist Sys Pipe Replacement & Upgrades	1,500,000
	\$ 2,500,000

GUAM WATERWORKS AUTHORITY
Restricted and Unrestricted Cash Summary
FY2021

SCHEDULE G

Description	Unaudited February 28, 2021	Unaudited September 30, 2020	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	-
Petty Cash	4,450	4,450	-
BOG Deposit Accounts	10,181,857	5,561,165	4,620,693
BOG O & M Reserve	25,259,526	25,689,390	(429,865)
BOG CapEx Fund	10,014,753	11,222,407	(1,207,654)
Sub-total Unrestricted	45,462,585	42,479,412	2,983,174
RESTRICTED			
ANZ Bank	1,022	-	1,022
Bank Pacific	17,272	29,243	(11,972)
Bank of Hawaii	349,680	191,250	158,430
Community First FCU	2,324	1,976	349
First Hawaiian Bank	20,940	43,451	(22,511)
Bank Pacific Surcharge	905,352	420,680	484,672
Bank Pacific Escrow Deposit	821,609	842,331	(20,722)
BOG Customer Refunds	2,078,046	2,063,361	14,685
BOG Emergency Reserve Fund	6,244	6,243	-
BOG Sewer Hookup Revolving Fund	68,575	67,809	766
BOG Operation and Maintenance Fund	3,083,482	3,083,482	-
BOG Revenue Trust	392,002	254,619	137,382
BOG Revenue Trust Fund	5,539,470	7,929,291	(2,389,821)
BOG Capital Improvement Revenue Fund	5,595,835	5,361,363	234,471
	18,881,851	20,295,100	(1,413,250)
BOG - SDC Deposit	6,306,466	3,527,401	2,779,064
BOG - SDC CDs	3,800,000	6,250,000	(2,450,000)
Total SDC	10,106,466	9,777,401	329,064
Total Restricted	28,988,317	30,072,502	(1,084,185)
Reserve Funds			
BOG Series 2013 Construction Fund	5,928,878	8,647,934	(2,719,056)
BOG Series 2014 Refunding Construction Fund	219,108	219,099	9
BOG Series 2016 Construction Fund	63,671,289	68,518,206	(4,846,917)
BOG Series 2017 Refunding Construction Fund	5,480,888	6,206,732	(725,844)
BOG Series 2020A Construction Fund	122,993,330	-	122,993,330
BOG Series 2020A Capitalized Interest Fund	8,934,117	123,277,054	(114,342,937)
BOG Series 2020A Cost of Issuance Fund	-	12,283,633	(12,283,633)
B20B- BOG COI Fund 184000	-	50,382	(50,382)
Total Restricted - Held by Trustee	207,227,609	219,203,039	(11,975,430)
BOG OMRRRF Fund	17,423,213	17,423,213	-
USB Series 2013 Debt Service Fund	2,462,484	1,810,544	651,941
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Fund	997,825	1,048,374	(50,550)
USB Series 2014 Refunding Debt Service Reserve Fund	7,735,394	7,735,395	(1)
USB Series 2016 Debt Service Fund	3,828,919	2,815,863	1,013,056
USB Series 2016 Debt Service Reserve Fund	7,591,999	7,591,999	-
USB Series 2010 Debt Service Fund	31,557	31,556	-
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	2,304,915	1,902,205	402,710
USB Series 2020A Debt Service Reserve Fund	6,659,700	6,659,700	-
USB Series 2020B Debt Service Reserve Fund	981,824	-	981,824
Total Investments	69,615,981	66,616,997	2,998,984
Total Restricted and Unrestricted Cash	351,294,492	358,371,949	(7,077,458)

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Guam Waterworks Authority
Accounts Receivable - Government (Active)
February 28, 2021

SCHEDULE H

A G I N G								
Customer Name	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total	
Autonomous Agencies (Active)								
Guam Int'l Airport Authority	7	\$ 19,367	\$ 15,671	\$ 12,898	\$ 12,484	\$ 236,826	\$	297,245
Guam Power Authority	25	180,492	-	-	-	-		180,492
Guam Memorial Hospital Authority	3	35,127	633	2,610	2,741	8,504		49,616
Guam Housing & Urban Renewal Authority	5	20,316	-	-	-	-		20,316
Guam Visitors Bureau	9	7,934	-	-	-	-		7,934
Port Authority of Guam	1	5,018	-	-	-	-		5,018
Guam Housing Corporation	1	39	-	-	-	-		39
Total Autonomous Agencies	51	\$ 268,292	\$ 16,304	\$ 15,508	\$ 15,225	\$ 245,330	\$	560,660
		47.85%	2.91%	2.77%	2.72%	43.76%		100.00%
Line Agencies								
Department of Education	52	\$ 292,340	\$ 277,690	\$ 186,597	\$ 72,898	\$ 3,866	\$	833,391
Mayors Council of Guam	60	16,552	21,511	9,771	10,124	74,498		132,456
Department of Parks & Recreation	14	53,264	26,537	24,944	16,662	5,619		127,026
Department of Public Works	12	46,318	4,114	56	92	7,060		57,640
Department of Chamorro Affairs	7	10,792	9,945	9,036	-	-		29,773
Department of Corrections	8	22,049	-	-	-	-		22,049
Guam Police Department	8	8,486	3,265	2,663	1,530	1,279		17,224
Department of Public Health & Social Services	8	2,473	2,481	1,443	1,195	1,719		9,310
Guam Fire Department	11	6,809	-	-	-	-		6,809
University of Guam	46	4,767	-	-	-	-		4,767
Department of Military Affairs/GUARNG	1	3,669	-	-	-	-		3,669
Department of Agriculture	6	1,703	-	-	-	-		1,703
Department of Customs & Quarantine	1	428	428	428	389	-		1,673
Division of Senior Citizens, DPHSS	2	299	378	274	207	130		1,288
New Guam Mental Health	1	1,109	-	-	-	-		1,109
Office of Technology	1	785	65	-	-	-		850
Guam Veterans Affairs office	2	351	358	138	-	-		847
Guam Solid Waste Authority	2	752	-	-	-	-		752
Department of Administration	3	300	358	-	-	-		659
Vietnam Veteran of America	1	542	-	-	-	-		542
Office of Civil Defense	2	528	-	-	-	-		528
Sanctuary, Inc.	1	518	-	-	-	-		518
Department of Mental Health	2	330	-	-	-	-		330
Department of Mental Health And Substance	1	329	-	-	-	-		329
Guam Public Library	6	278	-	-	-	-		278
Guam Police Department	1	239	25	-	-	-		264
Guam Energy Office	1	243	-	-	-	-		243
Department of Youth Affairs	3	229	-	-	-	-		229
Agat Mayor's office	1	-	26	26	26	26		103
The Office of The Dededo Mayor	1	95	-	-	-	-		95
Merizo Mayor	1	92	-	-	-	-		92
Total Line Agencies	266	\$ 476,672	\$ 347,181	\$ 235,375	\$ 103,122	\$ 94,197	\$	1,256,547
		37.94%	27.63%	18.73%	8.21%	7.50%		100.00%
Total as of February 28, 2021 (Active)	317	\$ 744,964	\$ 363,485	\$ 250,883	\$ 118,348	\$ 339,527	\$	1,817,207
		41.00%	20.00%	13.81%	6.51%	18.68%		100.00%

GWA Work Session - March 16, 2021 - DIVISION REPORTS

GUAM WATERWORKS AUTHORITY
Accounts Receivable Aging Summary by Rate Class
As of February 28, 2021

SCHEDULE I

ACTIVE AND INACTIVE

A G I N G									
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	442	\$ 2,566,215	\$ 353,466	\$ 271,183	\$ 75,292	\$ 435,595	\$ 3,701,752	16%	
Agriculture	402	40,739	6,048	2,844	2,185	54,640	106,455	0%	
Commercial I	2,659	1,301,848	112,634	78,890	81,896	415,514	1,990,783	9%	
Commercial II	30	221,861	60	53	65	206,643	428,682	2%	
Commercial III	297	404,532	118,318	18,047	13,224	343,113	897,234	4%	
Golf Course	16	2,098	606	-	-	-	2,704	0%	
Hotel	59	1,296,291	153,840	122,452	109,684	753,413	2,435,679	11%	
Irrigation	33	3,804	407	172	164	1,817	6,365	0%	
Residential	50,086	4,752,754	1,016,880	673,052	495,121	6,180,167	13,117,971	58%	
	54,024	10,590,142	1,762,260	1,166,693	777,631	8,390,903	22,687,627	100%	
		47%	8%	5%	3%	37%			

Less Allowance for Doubtful Accounts: (8,837,593)
Net Accounts Receivable: **13,850,034**

Days Receivables Outstanding 49

As of January 31, 2021
ACTIVE AND INACTIVE

A G I N G									
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	440	\$ 2,414,717	\$ 375,323	\$ 282,037	\$ 58,904	\$ 450,567	\$ 3,581,547	16%	
Agriculture	398	38,400	7,865	3,467	2,532	55,643	107,905	0%	
Commercial I	2,647	1,253,778	160,632	90,527	35,950	401,126	1,942,013	9%	
Commercial II	29	146,400	53	65	62	206,582	353,161	2%	
Commercial III	296	415,594	28,427	27,073	17,177	354,782	843,053	4%	
Golf Course	16	2,608	155	155	-	-	2,918	0%	
Hotel	59	1,263,231	137,570	123,666	154,042	694,458	2,372,966	11%	
Irrigation	33	3,908	330	164	167	1,870	6,439	0%	
Residential	49,942	4,799,922	958,326	682,185	560,473	6,015,550	13,016,453	59%	
	53,860	10,338,556	1,668,680	1,209,338	829,306	8,180,577	22,226,455	100%	
		47%	8%	5%	4%	37%			

Less Allowance for Doubtful Accounts: (8,671,542)
Net Accounts Receivable: **13,554,912**

Days Receivables Outstanding 50

ACTIVE ONLY

A G I N G									
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	436	\$ 2,566,215	\$ 353,356	\$ 271,128	\$ 75,280	\$ 428,490	\$ 3,694,470	20%	
Agriculture	382	40,739	6,048	2,844	1,970	13,518	65,119	0%	
Commercial I	2,445	1,299,161	110,397	78,397	78,964	226,483	1,793,403	10%	
Commercial II	29	221,861	60	53	65	62	222,101	1%	
Commercial III	282	404,532	116,886	17,912	12,914	268,718	820,962	5%	
Golf Course	16	2,098	606	-	-	-	2,704	0%	
Hotel	56	1,296,291	153,840	122,452	109,684	628,993	2,311,259	13%	
Irrigation	32	3,804	407	172	164	522	5,070	0%	
Residential	40,003	4,656,730	984,208	631,803	457,573	2,517,820	9,248,135	51%	
	43,681	10,491,431	1,725,809	1,124,761	736,615	4,084,607	18,163,223	100%	
		58%	10%	6%	4%	22%			

Less Allowance for Doubtful Accounts: (8,837,593)
Net Accounts Receivable: **9,325,630**

As of January 31, 2021
ACTIVE ONLY

A G I N G									
Rate Class	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	434	\$ 2,531,111	\$ 375,268	\$ 282,025	\$ 58,904	\$ 443,461	\$ 3,690,768	21%	
Agriculture	378	38,400	7,865	3,252	2,532	14,171	66,220	0%	
Commercial I	2,431	1,251,246	160,130	87,503	32,403	217,828	1,749,109	10%	
Commercial II	28	146,400	53	65	62	-	146,579	1%	
Commercial III	281	414,162	28,291	26,764	17,177	280,387	766,781	4%	
Golf Course	16	2,608	155	155	-	-	2,918	0%	
Hotel	56	1,263,231	137,570	123,666	154,042	570,038	2,248,546	13%	
Irrigation	32	3,908	330	164	167	575	5,144	0%	
Residential	39,928	4,766,271	925,488	645,601	513,417	2,399,685	9,250,461	52%	
	43,584	10,417,335	1,635,149	1,169,193	778,703	3,926,144	17,926,525	100%	
		58%	9%	7%	4%	22%			

Less Allowance for Doubtful Accounts: (8,671,542)
Net Accounts Receivable: **9,254,982**

GUAM WATERWORKS AUTHORITY
Accounts Payable Aging

SCHEDULE J

As of	AGING								Days Payable Outstanding
	Current	31 - 60 Days	61 - 90 Days	91 - 120 Days	> 120 Days	Total			
February 28, 2021	\$ 1,756,228 63%	\$ 141,619 5%	\$ 433,545 16%	\$ 24,711 1%	\$ 415,009 15%	\$ 2,771,110 100%			32
January 31, 2021	\$ 1,631,565 63%	\$ 428,618 17%	\$ 53,700 2%	\$ 60,259 2%	\$ 404,065 16%	\$ 2,578,207 100%			32
December 31, 2020	\$ 1,835,615 75%	\$ 147,584 6%	\$ 36,547 1%	\$ 57,911 2%	\$ 381,242 16%	\$ 2,458,900 100%			33

**GUAM WATERWORKS AUTHORITY
WATER DEMAND BY RATE CLASS
FY2015 - FY2021**

SCHEDULE K

CLASS	AUDITED						UNAUDITED			
	FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	FY2017 TOTAL CONSUMPTION (kGal)	FY2018 TOTAL CONSUMPTION (kGal)	FY2019 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2020 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)	FY2021 TOTAL CONSUMPTION (kGal)	% Inc / (Dec.)
R Residential	3,415,662	3,429,689	3,206,811	3,313,613	3,359,905	1%	3,712,723	11%	3,657,238	-1%
C Commercial	1,020,089	1,022,890	964,639	910,905	906,192	-1%	822,029	-9%	730,515	-11%
F Federal	1,168	1,180	2,508	1,813	1,602	-12%	1,338	-16%	2,523	89%
G Government	515,974	475,366	448,430	450,165	405,980	-10%	408,502	1%	393,059	-4%
H Hotel	999,116	1,008,087	1,004,525	989,723	1,079,919	9%	714,161	-34%	426,058	-40%
G Golf	6,850	6,770	5,252	2,741	2,793	2%	5,835	109%	2,169	-63%
A Agriculture	67,376	78,628	69,482	81,127	90,803	12%	84,492	-7%	62,225	-26%
I Irrigation	<u>10,385</u>	<u>11,351</u>	<u>10,143</u>	<u>8,504</u>	<u>7,896</u>	-7%	<u>8,654</u>	10%	<u>5,657</u>	-35%
GRAND TOTAL	<u>6,036,620</u>	<u>6,033,960</u>	<u>5,711,790</u>	<u>5,758,590</u>	<u>5,855,091</u>	2%	<u>5,757,733</u>	-2%	<u>5,279,444</u>	-8%

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Guam Waterworks Authority		Date: 3/10/2021		<div><p>GUAM WATERWORKS AUTHORITY</p><p>WASTEWATER FACILITIES REPORT</p></div>
REVIEWS				
TOTAL PUMPS INSTALLED	171	OVERALL AVERAGE	91%	
TOTAL PUMPS OPERATIONAL	155	% OF OPERATING PUMPS	91%	
TOTAL PUMP STATIONS	77			

Northern District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	SOUTHERN LINK	1	4	3	75%	GPA	A	P#4: Needs Sensor @ Guam Motor		VFD#4: Awaiting Repairs		Pending new pumps which are part of the Northern Treatment	
2	FUJITA	1	4	3	75%	GPA	A	P#2 was removed 10-29-20 due to bearings issues. Pump at vendor pending repairs.					
3	YPAO	1	2	2	100%	GPA	A	P#2 In for repairs @ JMI; utilizing Machanao pump and volute on line 2.					
4	PASEO DE ORO	1	2	2	100%	GPA	A						
5	HARMON	2	2	2	100%	GPA	A						
6	ROUTE 16	1	4	2	50%	GPA	M	P#4 secured, P#3 secured due to flapper in check valve loose.				(OR 36249) - Check Valves (OR 36239) - Plug Valves	
7	LATTE DOUBLE TROUBLE	1	2	2	100%	GPA	A	P#2 Awaiting Repairs @ Shop. P#2 installed 04-22-2020 pump came from station 11					
8	LATTE SUN RISE	2	2	2	100%	GPA	A						
9	LATTE SUBMARINE	2	2	2	100%	GPA	A						
10	LATTE PLANTATION	2	2	2	100%	GPA	A						
11	PGD	2	2	2	100%	GPA	A						
12	MACHECHE	2	2	2	100%	GPA	A						
13	HAFA ADAI	2	2	2	100%	GPA	A						
14	YPAOPAO	1	3	3	100%	GPA	N/A						
15	PACIFIC LATTE	2	2	2	100%	GPA	A						
16	YIGO	1	3	3	100%	GPA	A	Pump #3 on standby. No data plate to confirm FLA.					
17	ZERO DOWN	2	2	2	100%	GPA	A						
18	SANTA ANA	2	2	1	50%	GPA	A	P#2 burnt, in for rewinding	20-07-2324			PO 305765 3-22-2021	
19	MACHANAONAO	1	2	2	100%	GPA	N/A	P#1 and volute being utilized at Ypao pump station, new pump installed					
20	FEMA 96	2	2	2	100%	GPA	A	Pumps 1&2 removed awaiting rewinding. Utilizing pumps from Hafa Adai and Old Station 13 pump (BIG BLUE)					
21	ASTUMBO 1	2	2	2	100%	GPA	A						
22	ASTUMBO 2	2	2	2	100%	GPA	A						
Total	22		52	47	90%								

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Central District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/ AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	CABRAS ISLAND	1	2	2	100%	Portable	M						
2	COMMERCIAL PORT	1	3	3	100%	OP	A	P# 3 pump works, Standby					
3	PITI	1	2	2	100%	GPA	A						
4	ASAN	1	2	2	100%	GPA	A						
5	SINAJANA	2	2	2	100%	GPA	A						
6	NEW CHAOT	1	3	3	100%	OP	A						
7	ORDOT	2	2	2	100%	OP	A						
8	DERO	1	2	2	100%	OP	A						
9	CHALAN PAGO #5	2	2	2	100%	OP	A						
10	CHALAN PAGO #3	2	2	2	100%	OP	A						
11	FLORA GARDENS	2	2	2	100%	INOP	A						
12	DOUBLE SHAFT	1	3	2	67%	OP	A	Pump 2 removed due to impeller broke/Shaft worn				CIP write up for new pump/motor completed. At legal, pending review	
13	NAMU	2	1	1	100%	OP	A						
14	TAI MANGILAO	1	3	3	100%	GPA	A	Pump #3 at vendor for repairs. Pump #3 back online 2-23-2021	20-03-0868				
15	MANGILAO	1	2	2	100%	GPA	A			Sump pump burnt and the breaker is damaged			
16	FIDIAN	2	2	2	100%	GPA	A						
17	LEYANG	2	2	2	100%	OP	A						
18	SAGAN BONITA 1	2	2	2	100%	OP	A						
19	SAGAN BONITA 2	2	2	2	100%	OP	A						
20	DAIRY	1	2	2	100%	INOP	A						
21	BARRIGADA	1	2	2	100%	GPA	A						
22	TOTO GARDENS	2	2	1	50%	INOP	A	Pump#1 was repaired and installed. During testing, pump#2 had an issue. Pump was removed by contractor and is pending findings.					
23	MONGMONG	2	2	2	100%	OP	A						
24	CASIMERU	2	2	2	100%	Portable	A			GPA RELOCATED GENERATOR			
25	MAITE	2	2	2	100%	GPA	A						
26	BAYSIDE	2	1	1	100%	INOP	A						
27	ALUPANG	1	2	2	100%	OP	A						
28	MAMAJANAO	1	3	2	67%	OP	A	Pump #3 not activating. Pending inspection from electrician	WO #21-02-1596				
29	Agana Main	1	4	3	75%	OP	A	P4 is on Line # 2 /awaiting line 4 riser to be cleaned					
Total	29		63	59	94%								

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Southern District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	GAAN #1	1	4	3	75%	OP	MAN	10-30-20 P42 was removed and delivered to Guam Motor Rewind for repairs. Pump repair completed, pending impeller OR 4/17/21. 10-10-20 Requested I.T. to make assessments to LCP panel not in operation. Pending approval of price quotation for reprogramming system.	(P-2 20-09-2380) (LCP - 20-10-0696)				
2	PUMP STATION #11	2	2	2	100%	INOP	AUTO						
3	PUMP STATION #12	1	2	2	100%	OP	AUTO						
4	PUMP STATION #14	2	2	2	100%	OP	AUTO			Pumps are alternated weekly			
5	PUMP STATION #15	1	2	2	100%	INOP	AUTO	3-8-21, Pump #1 was installed.		Pump #1 defective hourly meter.	20-05-1208		Generator Secured By GPA 4/18/20 due to Oil Leak.
6	PUMP STATION #16	2	2	2	100%	OP	AUTO						
7	PUMP STATION #17	2	2	2	100%	OP	AUTO						
8	PUMP STATION #18	2	2	2	100%	OP	AUTO						
9	INARAJAN MAIN	1	2	2	100%	OP	AUTO						
10	INARAJAN LIFT	1	2	1	50%	OP	AUTO	12/8/20 Pump#1 Leakage sensor indicated, electrician needs to do an assessment. 1-21-21 Electricians made an assessment and determined that the thermol sensor is defective. Electricians are working on purchasing a new sensor for replacement. As per Fred Dela Cruz.					
11	TALAFORO	1	2	2	100%	OP	AUTO	1-17-20 Electricians determined that the sump pump is grounded and was recommended to be replaced. Entered work order into Lucity requesting maintenance to replace.	SUMP PUMP 20-01-0735	6-6-19 Exhaust blower for wet well is defective and needs replacement. Requested for electricians to relocate the existing blower unit at the old Agat treatment plant wet well and install it at Talaforo.		OQ 37914 & 37915 was submitted for replacement of blower fans and ventilation duct.	
12	PAGACHAO	2	2	2	100%	NONE	NA						
13	CHALIGAN	2	2	2	100%	OP	MAN			Requesting for electricians to make assessments to ventilation system to make it operational.	(Vent- 19-12-0390)	12-23-19 Fred is working on getting a lift to be able to go to the roof top to make assessments on the motor.	Pending PO for lift for electricians to access roof top to inspect blower.
14	EJECTOR #2	2	2	1	50%	PORTABLE /INOP	NA	10-21-20 Comp#1 motor tripping. Motor was removed by maintenance crew due to unit was determined burnt by electricians.	20-10-1436			OQ 37385 (Pending OR and PO)	
15	EJECTOR #3	2	2	2	100%	PORTABLE /INOP	NA						
16	EJECTOR #4	2	2	2	100%	PORTABLE /INOP	NA						
17	EJECTOR #5	2	2	1	50%	PORTABLE/INOP	NA	11-13-20 Compressor #1 was removed and to be used at Ejector 7 for compressor #1.					
18	EJECTOR #6	2	2	1	50%	PORTABLE/INOP	NA	1-5-21 Compressor motor#1 2hp making loud noise. Motor cannot spin with connected load, possible bearing issue. Motor was disconnected by electricians. Pending pull-out by maintenance crew.					
19	EJECTOR #7	2	2	2	100%	PORTABLE/INOP	NA						
20	NORTH REYES	2	2	2	100%	PORTABLE/INOP	NA						
21	LEYON #3 (DanDan)	2	2	2	100%	OP	MAN						
22	LEYON #4	2	2	2	100%	OP	AUTO						
23	MTL PUMP STATION	2	1	1	100%	PORTABLE/INOP	NA						
24	Baza P/S	1	3	1	33%	OP	AUTO	12-9-20, Pump #1 was removed due to cooling jacket was leaking. 12-10-20, Pump #2 was removed due to impeller bolt snapped and mechanical seal was damaged.	20-12-0856, 20-12-0263			Pump #1 OR 37150 pending PO	PO 305790 for Pump #2
25	Windward Hills	1	3	3	100%	OP	AUTO						
26	Aplacho	1	3	3	100%	OP	AUTO						
26			56	49	88%								
pump availability =no of operational pumps/no of pumps*100%													



5 miles a month required, 59.2 miles a year to complete for 2020 (296 miles to complete in 5 years)

59.2 miles x 5 years = 296 miles

296 miles / 5yrs = 59.2 miles a year required to be completed

59.2 miles / 12 months = 4.93 miles a month required to be completed

4.92 miles x 5,280 = 25,977.6ft. / 4 weeks = 6,494.4ft. Per week required to be completed

6,494.4ft / 5 days = 1,298.8ft required to be completed daily

GWA Work Session - March 16, 2021 - DIVISION REPORTS

Guam Waterworks Authority		Date: 2/28/2021	 GUAM WATERWORKS AUTHORITY WATER DISTRIBUTION FACILITIES REPORT
		Time:	
REVIEWS			
TOTAL PUMPS INSTALLED	56	OVERAL AVERAGE	96%
TOTAL PUMPS OPERATIONAL	54	% OF OPERATING PUMPS	96%
TOTAL BOOSTER PUMP STATIONS	27		

Northern District													
NO:	FACILITY	PUMP HP	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	PUMP AND MOTOR INVENTORY
1	Yigo	30	3	3	100%	OP	A						
2	Gavner	20	2	2	100%	OP	A						
3	Mataquac	25	2	2	100%	OP	A						
4	Santa Rosa	15	2	2	100%	OP	A						
5	Hyundai	40	2	1	50%	OP	A	1-29-21 work still ongoing with upgrading control wires. One pump placed on standby.		Electrical wires being upgraded.			
6	Chln. Palauan	5	2	2	100%	N/A							
7	Access	60	2	2	100%	OP	A						
8	Agana Heights	30	3	3	100%		A						
9	Nimitz Hill	7.5	2	2	100%	N/A							
10	Adawaq	1.5	1	1	100%	N/A							
11	Pale Kiren	1	1	1	100%	N/A							
12	Ulloa/Untalan	1	2	2	100%	OP	A						
13	Latte Heights	15	2	2	100%	OP	A						
TOTAL = 13			26	25	96%								
pump availability =no of operational pumps/no of pumps*100%													

Central District													
NO:	FACILITY	PUMP HP	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	Pago	150 / 100	3	3	100%	OP	A						
2	Brigade	60 / 20	3	3	100%	OP	A						
3	Windward Hills	200 / 75	3	2	67%	OP	A	Pump 2 pending mechanical seals and rebuild kit.					
4	Santa Rita Spring	40	2	2	100%	OP	A						
5	Santa Ana (Lower)	25	1	1	100%	N/A		1-29-21 Renovation of station started. One pump remains in service during this period.					
6	Camacho	1	1	1	100%	N/A							
7	Tenono	1.5	1	1	100%	N/A							
Total=7			14	13	93%								
pump availability =no of operational pumps/no of pumps*100%													

Southern District													
NO:	FACILITY	PUMP HP	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	Maloloj Line	125 / 50	3	3	100%	OP	A						
2	Geus	25	2	2	100%	OP	A						
3	Pigua	7.5	2	2	100%	N/A							
4	Toquan	25	2	2	100%	OP	A						
5	WBP-2	25	2	2	100%	OP	A						
6	WBP-1	5	2	2	100%	OP	A						
7	Maloloj Elevated	15	3	3	100%	OP	A						
Total=7			16	16	100%								
pump availability =no of operational pumps/no of pumps*100%													



Guam Waterworks Authority
VEHICLE FLEET STATUS

3/9/2021

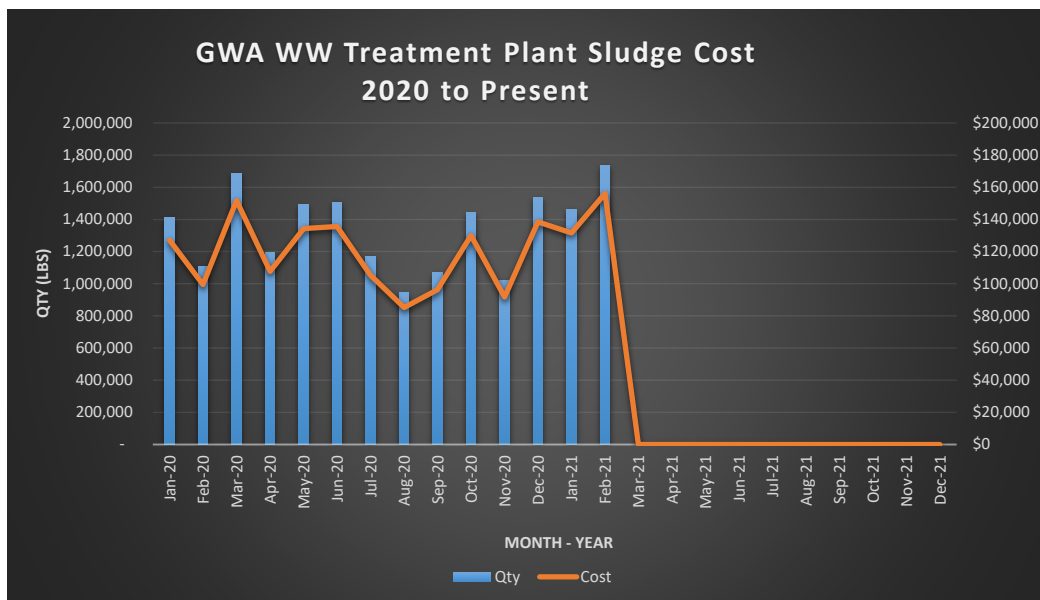
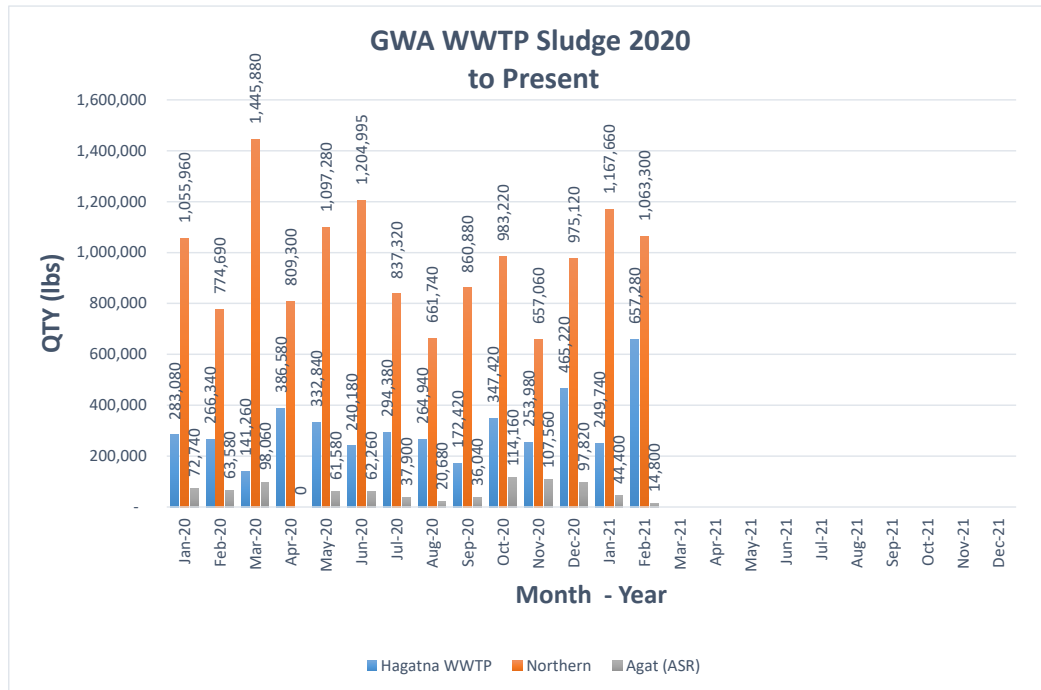
EQUIPMENT STATUS				
Description	Number of Equipment	Number of Equipment Available	Number of Equipment Not Available	Percentage
Backhoe (Leased)	3	3	0	100%
Dump Truck (Leased)	3	3	0	100%
Trailer (Leased)	3	3	0	100%
Backhoe	3	2	1	67%
Boom Truck	2	0	2	0%
Crane	1	1	0	100%
Dump Truck	1	1	0	100%
Forklift	6	5	1	83%
Fuel Tanker	1	1	0	100%
Heavy Duty	11	8	3	73%
Hoist Rig	1	1	0	100%
Jetter	1	1	0	100%
Light	156	108	48	69%
Mini Backhoe	2	2	0	100%
Pumper Truck	1	0	1	0%
Skidster	1	0	1	0%
Sludge Truck	5	3	2	60%
Tractor	2	2	0	100%
Tractor Mower	1	0	1	0%
Trailer	15	11	4	73%
Trencher	1	0	1	0%
Vacuum Truck	5	4	1	80%
Water Buffalo	2	2	0	100%
Water Tanker	5	3	2	60%
Compressor	1	1	0	100%
Total	252	176	68	

SUMMARY						
Operational	Operational w/Rprs Pending	Not in Operation-Accident (Docs Pending)	Not in Operation-Assessment Pending	Not in Operation-Repairs Pending	Not in Operation-Vendor Repairs	Recommend Survey
3	0	0	0	0	0	0
3	0	0	0	0	0	0
3	0	0	0	0	0	0
2	0	0	0	1	0	0
0	0	0	0	0	1	1
0	1	0	0	0	0	0
1	0	0	0	0	0	0
5	0	0	0	0	0	1
1	0	0	0	0	0	0
8	0	0	0	0	2	1
1	0	0	0	0	0	0
1	0	0	0	0	0	0
105	3	5	5	14	9	15
2	0	0	0	0	0	0
0	0	0	1	0	0	0
0	0	0	0	1	0	0
3	0	0	1	1	0	0
1	1	0	0	0	0	0
0	0	0	0	0	1	0
11	0	0	0	4	0	0
0	0	0	0	1	0	0
3	1	0	0	0	1	0
2	0	0	0	0	0	0
2	1	0	0	0	2	0
1	0	0	0	0	0	0
176	7	5	7	22	16	18

GWA Work Session - March 16, 2021 - DIVISION REPORTS

	Hagatna WWTP		Northern		Agat (ASR)		Hagatna + Northern + Agat	
2020	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Month- Yr	lbs	\$	lbs	\$	lbs	\$	lbs	\$
Jan-20	283,080	\$25,477	1,055,960	\$95,036	72,740	\$6,547	1,411,780	\$127,060
Feb-20	266,340	\$23,971	774,690	\$69,722	63,580	\$5,722	1,104,610	\$99,415
Mar-20	141,260	\$12,713	1,445,880	\$130,129	98,060	\$8,825	1,685,200	\$151,668
Apr-20	386,580	\$34,792	809,300	\$72,837	0	\$0	1,195,880	\$107,629
May-20	332,840	\$29,956	1,097,280	\$98,755	61,580	\$5,542	1,491,700	\$134,253
Jun-20	240,180	\$21,616	1,204,995	\$108,450	62,260	\$5,603	1,507,435	\$135,669
Jul-20	294,380	\$26,494	837,320	\$75,359	37,900	\$3,411	1,169,600	\$105,264
Aug-20	264,940	\$23,845	661,740	\$59,557	20,680	\$1,861	947,360	\$85,262
Sep-20	172,420	\$15,518	860,880	\$77,479	36,040	\$3,244	1,069,340	\$96,241
Oct-20	347,420	\$31,268	983,220	\$88,490	114,160	\$10,274	1,444,800	\$130,032
Nov-20	253,980	\$22,858	657,060	\$59,135	107,560	\$9,680	1,018,600	\$91,674
Dec-20	465,220	\$41,870	975,120	\$87,761	97,820	\$8,804	1,538,160	\$138,434
Grand Total	3,448,640	\$310,378	11,363,445	\$1,022,710	772,380	\$69,514	15,584,465	\$1,402,602

	Hagatna WWTP		Northern		Agat (ASR)		Hagatna + Northern + Agat	
2021	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Month- Yr	lbs	\$	lbs	\$	lbs	\$	lbs	\$
Jan-21	249,740	\$22,477	1,167,660	\$105,089	44,400	\$3,996	1,461,800	\$131,562
Feb-21	657,280	\$59,155	1,063,300	\$95,697	14,800	\$1,332	1,735,380	\$156,184
Mar-21		\$0		\$0		\$0	-	\$0
Apr-21		\$0		\$0		\$0	-	\$0
May-21		\$0		\$0		\$0	-	\$0
Jun-21		\$0		\$0		\$0	-	\$0
Jul-21		\$0		\$0		\$0	-	\$0
Aug-21		\$0		\$0		\$0	-	\$0
Sep-21		\$0		\$0		\$0	-	\$0
Oct-21		\$0		\$0		\$0	-	\$0
Nov-21		\$0		\$0		\$0	-	\$0
Dec-21		\$0		\$0		\$0	-	\$0
Grand Total	907,020	\$81,632	2,230,960	\$200,786	59,200	\$5,328	3,197,180	\$287,746



Wastewater Treatment Plant Average Monthly Flows Million Gallons Per Day

2020	Hagatna	Northern	ASR	Umatac	Inarajan
Jan-20	4.44	5.77	1.10	0.24	0.05
Feb-20	4.45	5.66	1.06	0.33	0.06
Mar-20	4.23	4.95	0.85	0.22	0.04
Apr-20	3.94	4.95	0.97	0.20	0.04
May-20	3.94	4.68	1.05	0.20	0.06
Jun-20	3.94	4.32	1.16	0.20	0.05
Jul-20	4.39	4.30	1.10	0.19	0.07
Aug-20	4.56	4.50	1.80	0.40	0.09
Sep-20	4.63	4.63	2.91	0.72	0.16
Oct-20	4.83	4.62	3.04	1.03	0.17
Nov-20	4.48	4.51	2.46	0.73	0.17
Dec-20	4.45	4.40	2.10	0.80	0.15
2020 Average MGD	4.36	4.77	1.63	0.44	0.09
2020 Total MGY	1,590	1,743	596	160	34

2021	Hagatna	Northern	ASR	Umatac	Inarajan
Jan-21	4.58	4.20	1.23	0.39	0.07
Feb-21	4.31	4.38	1.16	0.25	0.06
Mar-21					
Apr-21					
May-21					
Jun-21					
Jul-21					
Aug-21					
Sep-21					
Oct-21					
Nov-21					
Dec-21					
2021 Average MGD	4.45	4.29	1.20	0.32	0.07
2021 Total MGY	1,622	1,566	436	117	24

