



GWA RESOLUTION NO. 18–FY2018

RELATIVE TO APPROVAL OF THE 2010 BOND PROCEEDS REALLOCATION

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 accounting completed its reconciliation of all 2010 Bond Capital Improvements Project (CIP) accounts and determined there are several CIP line items with a remaining balance under “Unobligated Project Cost” in the amount of Four Million Three Hundred Nine Thousand Six Hundred Thirty-Four Dollars (\$4,309,634.00) (See Exhibit A); and

WHEREAS, GWA engineering has determined the remaining balance for CIP line items shown in the Unobligated Project Cost, with the exception of five (5) CIP line items, specifically PW 05-07 “Meter Replacement Program”, PW 05-12 “Brigade II (Ugum Lift) BPS Upgrade”, PW 05-15 “Rehabilitation of Asan Springs”, PW 09-09 “Water “Reservoir Internal/External” and WW 11-03 “Baza Gardens STP Replacement,” are unspent amounts resulting from negotiated cost savings or unused contingencies and are insufficient to fund additional capital projects specific to each of those CIP line items; and

WHEREAS, the five GWA CIP projects noted above have existing 2010 Bond funding allotments however, these five projects will require additional funding to complete the project as currently anticipated; and

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1 **WHEREAS**, GWA management seeks CCU approval to reallocate all unobligated funds
2 from certain CIP line items as shown on Exhibit B under the “Reduction Funds (x1000)” column
3 in the amount of Eight Hundred Eighty-Six Thousand Four Hundred Thirty-One Dollars
4 (\$886,431.00) to fund five CIP line items noted above which are under the “Additional Funds
5 (x1000)” column which correspond to the CIP projects that require additional funding to
6 complete as anticipated; and

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8 **WHEREAS**, GWA believes the reallocation of the funds to the five CIP line item
9 projects will expedite the 2010 Bond fund balance encumbrance given these five CIP line items
10 involve ongoing projects or projects that are expected to be procured within calendar year 2018;
11 and

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

- 15 1. The recitals set forth above hereby constitute the findings of the CCU.
- 16 2. The CCU finds that the terms of the reallocation presented by GWA
17 management is fair and reasonable.
- 18 3. The CCU hereby approves the 2010 bond reallocation request of all
19 unobligated funds from CIP line items shown in Exhibit B under the
20 “Reduction Funds (x1000)” column to be allotted to CIP line item PW 05-07,
21 PW 05-12, PW 05-15, PW 09-09 and WW 11-03 in the amount of One
22 Hundred Fifty Thousand Dollars (\$150,000.00), Two Hundred Thousand
23 Dollars (\$200,000.00), Two Hundred Thousand Dollars (\$200,000.00), One
24 Hundred Fifty Thousand Dollars (\$150,000.00) and One Hundred Eighty-Six
25 Thousand Four Hundred Thirty-One Dollars (\$186,431.00), respectively .
- 26 4. The CCU further hereby authorizes GWA management to seek PUC approval
27 of the 2010 bond reallocation as presented herein.

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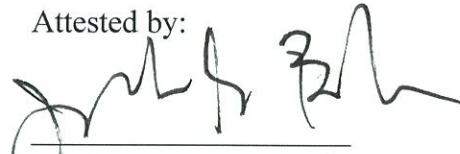
1 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
2 of this Resolution.

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4 **DULY AND REGULARLY ADOPTED**, this 27th day of February, 2018.

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6 Certified by:

Attested by:

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9 **JOSEPH T. DUENAS**
10 Chairperson

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12 **J. GEORGE BAMBA**
13 Secretary

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SECRETARY'S CERTIFICATE

I, J. George Bamba, 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:	<u> 5 </u>
NAYS:	<u> 0 </u>
ABSTENTIONS:	<u> 0 </u>
ABSENT:	<u> 0 </u>



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Exhibit A (1 of 1)

SCHEDULE M

GUAM WATERWORKS AUTHORITY
2010 Series Bond Project Status
 As of Jan. 31, 2018

PROJECT NAME	ORIGINAL APPROVED PROJECT COST	Adjusted Project Cost	EXPENDITURES AS OF 01/31/18	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 01/31/18
Ground Water Disinfection	\$ -	\$ 500,000	\$ 438,141	\$ 61,859	\$ 500,000	\$ -	\$ 61,859
"A" Series Well Transmission Line	\$ 600,000	\$ 518,144	\$ 474,434	\$ 1,274	\$ 475,709	\$ 42,435.15	\$ 43,710
Water Booster Pump Station	\$ 500,000	\$ 500,000	\$ 418,844	\$ 81,156	\$ 500,000	\$ (0)	\$ 81,156
Meier Replacement Program	\$ 2,500,000	\$ 10,300,000	\$ 10,254,220	\$ 19,409	\$ 10,273,628	\$ 26,371.65	\$ 45,780
Barrigada Tank Repair/Replacement	\$ -	\$ 5,450,000	\$ 5,442,302	\$ 7,698	\$ 5,450,000	\$ 0	\$ 7,698
Leak Detection	\$ -	\$ 200,000	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000
Potable Water System Planning	\$ 200,000	\$ 200,000	\$ 179,638	\$ 20,362	\$ 200,000	\$ -	\$ 200,000
Implement Ground Water Rule	\$ 1,200,000	\$ 1,700,000	\$ 1,489,464	\$ 200,535	\$ 1,700,000	\$ 0.50	\$ 200,362
Brigade II (Ugum Lift) BPS Upgrade	\$ 548,000	\$ 548,000	\$ 548,000	\$ -	\$ 548,000	\$ 1,362.105	\$ 1,564,305
New Deep Wells at Down Hard	\$ 3,773,000	\$ 900,000	\$ 885,743	\$ -	\$ 885,743	\$ 152,509.31	\$ 152,509
Rehabilitation of Asan Springs	\$ 900,000	\$ 900,000	\$ 188,771	\$ 152,068	\$ 340,838	\$ 559,162	\$ 711,229
Master Meters	\$ 1,600,000	\$ 1,600,000	\$ 1,421,267	\$ 68,690	\$ 1,489,957	\$ 110,042.85	\$ 178,733
Ugum Water Treatment Plant Intake	\$ 2,000,000	\$ 700,000	\$ 543,615	\$ 156,385	\$ 700,000	\$ -	\$ 156,385
Water Wells	\$ 384,000	\$ 3,174,748	\$ 3,174,748	\$ -	\$ 3,174,748	\$ (0)	\$ (0)
Water Distribution System	\$ 3,550,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pressure Zone Realignment /	\$ 1,200,000	\$ 900,000	\$ 692,926	\$ 82,076	\$ 775,002	\$ 124,997.80	\$ 207,074
Northern System Water Distribution	\$ 1,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Central Water Distribution System 2005	\$ 500,000	\$ 1,200,000	\$ 1,079,495	\$ 120,505	\$ 1,200,000	\$ (0)	\$ 120,505
Southern Water Distribution System	\$ 2,400,000	\$ 2,000,000	\$ 1,033,356	\$ 476,027	\$ 1,509,384	\$ 490,616	\$ 966,644
Mechanical/Electrical Equipment	\$ 3,182,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Reservoir Internal/External	\$ 11,697,000	\$ 1,050,000	\$ 1,050,000	\$ -	\$ 1,050,000	\$ 0	\$ 0
Water Reservoir Improvements	\$ 3,182,000	\$ 474,160	\$ 451,462	\$ 22,698	\$ 474,160	\$ 0	\$ 22,698
Distribution System Upgrades	\$ 3,672,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ugum Water Treatment Plant Reservoir	\$ -	\$ 100,000	\$ 15,031	\$ 63,428	\$ 78,459	\$ 21,541.49	\$ 84,970
Water Audit Program & Water Loss Control Plan	\$ -	\$ 100,000	\$ 94,286	\$ 5,714	\$ 100,000	\$ -	\$ 5,714
Production Plan / Reduce Navy Purchases	\$ -	\$ 500,000	\$ 497,004	\$ 2,996	\$ 500,000	\$ -	\$ 2,996
Hydraulic Assessment of Tank	\$ -	\$ 4,700,000	\$ 4,327,370	\$ 372,630	\$ 4,700,000	\$ -	\$ 372,630
Agana Heights & Chaotok Tanks	\$ -	\$ 1,900,000	\$ 1,750,355	\$ 97,659	\$ 1,848,013	\$ 51,986.58	\$ 149,645
Tank Major Repair Yigo#1 Mangiliao#2 Agat#2	\$ -	\$ 200,000	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ -
Tank Major Repair Yigo#1 Mangiliao#2 Agat#2	\$ -	\$ 100,000	\$ 96,554	\$ 3,446	\$ 100,000	\$ -	\$ 3,446
Assessment of malojloj Elevated & Yigo Elevated	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -
Public Water System Asset Inventory/Condition Assessment	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -
Public Water System GIS & Mapping	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ 50,000	\$ -	\$ -
Wastewater System Planning	\$ 1,500,000	\$ 1,500,000	\$ 1,465,858	\$ 8,142	\$ 1,474,000	\$ 25,000.00	\$ 34,142
Wastewater Vehicles	\$ 235,000	\$ 235,000	\$ 209,795	\$ 25,205	\$ 235,000	\$ 0	\$ 25,205
NDWWTP - Chlorine Tanks	\$ 250,000	\$ 250,000	\$ 250,000	\$ -	\$ 250,000	\$ -	\$ -
Tumon Bay Sewer Upgrades	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wastewater Collection System Repl/Rehab	\$ 1,105,000	\$ 1,105,000	\$ 718,036	\$ 283,287	\$ 1,001,323	\$ 103,676.99	\$ 386,964
Facilities Plan/Design for Baza Gardens WWTP	\$ 1,250,000	\$ 1,250,000	\$ 1,239,250	\$ 10,750	\$ 1,250,000	\$ -	\$ 10,750
Priority 1 Sewer Upgrades - Baza Gardens WWTP	\$ 650,000	\$ 899,630	\$ 881,749	\$ 17,881	\$ 899,630	\$ -	\$ 17,881
Baza Gardens STP Replacement	\$ 3,567,000	\$ 1,301,947	\$ 316,686	\$ 314	\$ 317,000	\$ 984,947	\$ 985,261
Agat/Santa Rita STP Replacement	\$ 2,968,000	\$ 900,000	\$ 693,161	\$ 160,696	\$ 853,858	\$ 46,142.15	\$ 206,639
Northern District WWTP Primary Treatment Upgrades	\$ -	\$ 2,218,000	\$ 2,217,314	\$ 387	\$ 2,217,701	\$ 289.50	\$ 696
Biosolids Management Plan	\$ -	\$ 11,750,000	\$ 11,532,253	\$ 211,261	\$ 11,743,514	\$ 6,486.06	\$ 217,747
Agana WWTP Interim Measures	\$ -	\$ 200,000	\$ 196,414	\$ 3,586	\$ 200,000	\$ -	\$ 3,586
I&I SSES Southern	\$ -	\$ 800,000	\$ 11,242,396	\$ 57,614	\$ 11,300,000	\$ 200,000.00	\$ 257,614
I&I SSES Central	\$ -	\$ 850,000	\$ 733,872	\$ 66,129	\$ 800,000	\$ (0)	\$ 66,128
I&I SSES Northern	\$ -	\$ 850,000	\$ 794,325	\$ 55,675	\$ 850,000	\$ -	\$ 55,675
Umatac Menzo Replacement	\$ -	\$ 250,000	\$ 247,431	\$ 2,569	\$ 250,000	\$ -	\$ 2,569
Northern District WWTP Secondary Treatment Upgrades	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Well Electrical Protection	\$ 26,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCADA Pilot Project	\$ 300,000	\$ 61,950	\$ 19,812	\$ 42,138	\$ 61,950	\$ (0)	\$ 42,138
Electrical Upgrade - Water Wells	\$ 3,000,000	\$ 354,227	\$ 335,378	\$ 18,849	\$ 354,227	\$ 0	\$ 18,849
Electrical Upgrade - Water Booster	\$ 325,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electrical Upgrade - Water Booster	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Electrical Upgrade - Other Water	\$ 250,000	\$ 250,000	\$ 193,989	\$ 56,011	\$ 250,000	\$ -	\$ 56,011
SCADA Improvements - Phase 1	\$ 1,100,000	\$ 1,056,986	\$ 1,027,424	\$ 29,562	\$ 1,056,986	\$ -	\$ 29,562
SCADA Improvements - Phase 2	\$ 2,500,000	\$ 24,956	\$ 24,956	\$ -	\$ 24,956	\$ 0	\$ 0
SCADA Improvements - Phase 3	\$ 850,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCADA Improvements - Phase 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Laboratory Modernization	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land Survey	\$ 1,500,000	\$ 500,000	\$ 470,590	\$ 29,097	\$ 499,687	\$ 312.68	\$ 29,410
General Plant Improvements / Water	\$ 14,370,000	\$ 7,241,000	\$ 7,241,000	\$ 0	\$ 7,241,000	\$ 0	\$ 0
Interest Earned	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,037
Total Construction Fund (2010 Series Revenue Bond)	\$ 87,402,000	\$ 87,402,000	\$ 78,594,399	\$ 3,497,966	\$ 82,092,366	\$ 4,309,634	\$ 8,888,637

1.) PUC's Docket 11-01 \$29,000,000.00 dated 09/19/11 authorized GWA for reallocation
 2.) PUC's Docket 11-01 Reallocation of \$23,246,000.00 dated 07/30/12
 3.) PUC's Docket Reallocation dated February 2013

Exhibit B (1 of 1)

2010 Bond Reallocation			
CIP No.	Name	Additional Funds (x1000)	Reduction Funds (x1000)
PW 05-05	"A" Series Well Transmission Line		\$ 42,435
PW 05-07	Meter Replacement Program	\$ 150,000	
PW 05-11	Implement Ground Water Rule		\$ 1
PW 05-12	Brigade II (Ugum Lift) BPS Upgrade	\$ 200,000	
PW 05-14	New Deep Wells at Down Hard		\$ 152,509
PW 05-15	Rehabilitation of Asan Springs	\$ 200,000	
PW 05-16	Master Meters		\$ 110,043
PW 09-06	Central Water Distribution System 2005		\$ 124,998
PW 09-09	Water Reservoir Internal/External	\$ 150,000	
PW 12-01	Water Audit Program & Water Loss Control Plan		\$ 21,541
PW 12-05	Tank Major Repair Yigo#1 Mangilao#2 Agat#2		\$ 51,987
WW 05-04	Wastewater System Planning		\$ 26,000
WW 09-06	Wastewater Collection System Repl/Rehab		\$ 103,677
WW 11-03	Baza Gardens STP Replacement	\$ 186,431	
WW 11-04	Facilities Plan/Design for Umatac Merizo WWTP		\$ 46,142
WW 11-08	Agat/Santa Rita STP Replacement		\$ 300
WW 12-01	Northern District WWTP Primary Treatment Upgrades		\$ 6,486
WW 12-03	Agana WWTP Interim Measures		\$ 200,000
MC 05-02	Land Survey		\$ 312.68
		\$ 886,431	\$ 886,431