



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

RESOLUTION NO. 31-FY2018

RELATIVE TO APPROVAL OF THE 2013 AND 2016 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 management has prioritized the deployment of all unobligated 2013 Bond proceeds in its efforts to maintain compliance with bond indenture requirements; and

WHEREAS, critical Court Order (“CO”) projects related to Paragraph 29 of the 2011 Court Order require GWA to “Repair, Rehabilitate, Replace or Relocate” all the water reservoirs throughout the island therefore, management has focused its efforts and funding to CIP line items directly linked to the reservoir projects; and

WHEREAS, GWA finance has reconciled the 2013 Bond Capital Improvements Project (CIP) accounts and has determined there are several CIP line items with a remaining balance under the “Unobligated Project Cost” totaling Six Million Five Hundred Forty-Two Thousand Six Dollars (\$6,542,006.00) (See EXHIBIT A); and

WHEREAS, GWA finance also reconciled the 2016 Bond Capital Improvements Project (CIP) accounts and determined there are several CIP line items with a remaining balance under the “Unobligated Project Cost” totaling Fifty-Eight Million Eight Hundred Sixteen Thousand Four Hundred Thirty-Six Dollars (\$56,816,436.00) respectively (See EXHIBIT B); and

1 **WHEREAS**, GWA management seeks to reallocate Six Million Five Hundred Forty-One
2 Thousand Nine Hundred Ninety-One Dollars (\$6,541,991.00) of 2013 Bond proceeds from
3 various CIP line items to the on-going Baza Gardens Wastewater Sewer Conveyance project
4 (See EXHIBIT C); and

5
6 **WHEREAS**, GWA management further seeks to use Thirty-Two Million Eight Hundred
7 Seventy-Eight Thousand Two Hundred Seventy-Two Dollars (\$32,878,272.00) of the 2016 bond
8 funds still identified in the un-obligated project cost to various on-going CIP projects such as the
9 new production wells at AG-10, AG-12 and Y-8, production well meter replacement Phase I, fire
10 hydrant replacement program, Bayside Sewer Pump Station rehabilitation, among others, with
11 the remainder of the unobligated funds directed to the Court Order tank projects as a means of
12 maintaining the design and construction activities in its effort to meet the December 2020
13 deadline; and

14
15 **WHEREAS**, critical to this 2013 and 2016 bond reallocation is the necessary sequence
16 of actions that need to be taken wherein the reallocation of the unobligated 2013 bond proceeds
17 to the WW 11-03 Baza Gardens STP Replacement; and

18
19 **WHEREAS**, the Baza Gardens Wastewater Conveyance projects that have certified funds
20 from 2016 bond proceeds, will allow the funding for these projects to be reimbursed.; and

21
22 **WHEREAS**, once the 2016 bond funds are certified to the Baza Gardens Wastewater
23 Conveyance projects as "reclassified" as a result of the completion of the 2013 bond reallocation
24 specifically including the reimbursement noted above, the 2016 bond expenditures under WW
25 11-03 Baza Gardens STP Replacement will be increased by Six Million Seven Hundred Thirty-
26 Six Thousand Three Hundred Seventy-Nine Dollars (\$6,736,379.00) (See EXHIBIT D); and

27
28 **WHEREAS**, the cumulative actions of (1) the 2013 and 2016 bond reallocation and (2)
29 the application of Thirty-Two Million Eight Hundred Seventy-Eight Thousand Two Hundred
30 Seventy-Two Dollars (\$32,878,272.00) as noted above, will result in Thirty Million Four
31 Hundred Eighty Thousand One Hundred Fifty-Five Dollars (\$30,480,155.00) (See EXHIBIT E)
32 being able to be directed into PW 09-11 Water System Reservoirs 2005 Improvements to ensure

1 available funding is on hand to complete procurement of the next set of tanks requiring
2 rehabilitation, repair or relocation; and
3

4 **WHEREAS**, the 2016 bond reallocation items related to Court Ordered tank projects is
5 will not fully fund the remaining tank projects and the remaining funds will be apportioned out
6 of the next planned bond borrowing in 2019; and
7

8 **WHEREAS**, GWA management seeks CCU approval to petition the PUC for approval
9 to reallocate the 2013 and 2016 bond as indicated above; and
10

11 **NOW BE IT THEREFORE RESOLVED**, the Consolidated Commission on Utilities
12 does hereby approve and authorize the following:
13

- 14 1. The CCU finds the justification for the 2013 and 2016 bond reallocation to be
15 acceptable.
- 16 2. The CCU approves Six Million Five Hundred Forty-One Thousand Nine Hundred
17 Ninety-One Dollars (\$6,541,991.00) of 2013 Bond proceeds from various CIP line
18 items to be reallocated to WW 11-03 to fund the on-going Baza Gardens Wastewater
19 Sewer Conveyance projects.
- 20 3. The CCU further approves Thirty Million Four Hundred Eighty Thousand One
21 Hundred Fifty-Five Dollars (\$30,480,155.00) of 2016 bond proceeds from various
22 CIP line items to be reallocated to PW 09-11 Water System Reservoirs 2005
23 Improvements.
- 24 4. The CCU further approves GWA management seek PUC approval for the
25 reallocation of 2013 and 2016 bond funds as indicated herein.
26

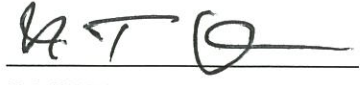
27 **RESOLVED**, that the Chairman certified and the Board Secretary attests to the adoption
28 of this Resolution.
29

30 //

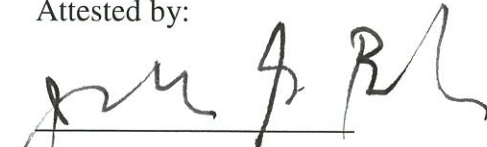
31 //
32

1 **DULY AND REGULARLY ADOPTED**, this 22nd day of May 2018.

2
3 Certified by:

4 
5
6 **JOSEPH T. DUENAS**
7 Chairperson

Attested by:

8
9 
10 **J. GEORGE BAMBA**
11 Secretary

12 **SECRETARY'S CERTIFICATE**

13 I, J. George Bamba, Board Secretary of the Consolidated Commission on Utilities as
14 evidenced by my signature above do hereby certify as follows:

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

19 AYES: 4
20 NAYS: 0
21 ABSTENTIONS: 0
22 ABSENT: 1



23 ///

24
25 ///

26
27 ///

28
29 ///

Exhibit A (1 of 1)

GUAM WATERWORKS AUTHORITY
2013 Series Bond Project Status
As of April 30, 2018

SCHEDULE J

PROJECT NAME	ORIGINAL APPROVED PROJECT COST	Adjusted Project Cost	EXPENDITURES AS OF 04/30/18	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 04/30/18
Santa Rita Springs Booster Pump Rehab Phase II	\$ 100,000	\$ 100,000	77,400	22,600	\$ 100,000	\$ -	22,600
"A" Series Well Transmission Line	\$ 400,000	\$ 400,000	369,846	(0)	\$ 369,846	\$ 30,154.27	\$ 30,154
Water Booster Pump Station	\$ 6,000,000	\$ 1,861,000	1,656,428	23,536	\$ 1,679,964	\$ 181,035.67	\$ 204,572
Meter Replacement Program	\$ 6,000,000	\$ 999,000	996,532	-	\$ 996,532	\$ 2,467.67	\$ 2,468
Barriada Tank Repair/Replacement	\$ 100,000	\$ 20,000	4,924,959	62,041	\$ 4,987,000	\$ 0.49	\$ 62,041
Leak Detection	\$ 800,000	\$ 624,000	16,916	-	\$ 16,916	\$ 3,083.75	\$ 3,084
Potable Water System Planning	\$ 1,000,000	\$ 1,000,000	603,390	20,610	\$ 624,000	\$ -	\$ 20,610
Implement Ground Water Rule	\$ 800,000	\$ 800,000	1,000,000	-	\$ 1,000,000	\$ -	\$ -
Deep Well Rehabilitation	\$ 2,000,000	\$ 200,000	189,930	10,071	\$ 200,000	\$ (0.27)	\$ 10,070
New Deep Wells at Down Hard	\$ 4,000,000	\$ 810,000	531,188	180,872	\$ 712,060	\$ 810,000.00	\$ 810,000
Master Meters	\$ 1,000,000	\$ 784,000	578,858	280,943	\$ 859,801	\$ 71,939.97	\$ 252,812
Uquum Water Treatment Plant Intake	\$ 4,200,000	\$ 4,200,000	2,284,474	745,555	\$ 3,030,029	\$ 122,199.03	\$ 403,142
Water Wells	\$ 12,000,000	\$ 11,151,000	6,718,325	4,194,128	\$ 10,912,453	\$ 238,547.16	\$ 1,915,527
Water Distribution System	\$ 1,000,000	\$ 430,000	336,036	1,074	\$ 337,110	\$ 93,890.09	\$ 94,964
Pressure Zone Realignment /	\$ 430,000	\$ 430,000	328,686	98,112	\$ 426,798	\$ 3,201.64	\$ 101,314
Mechanical/Electrical Equipment	\$ 800,000	\$ 13,878,000	10,857,217	3,020,784	\$ 13,878,000	\$ (0.30)	\$ 3,020,783
Water Reservoir Internal/External	\$ 21,000,000	\$ 90,000	241,603	1,088,684	\$ 1,330,287	\$ 90,000.00	\$ 90,000
Water System Reservoirs 2005 Improvements	\$ 4,500,000	\$ 3,280,000	5,398,068	6,206,932	\$ 11,605,000	\$ 1,949,712.96	\$ 3,038,397
Uquum Water Treatment Plant Reservoir	\$ 13,500,000	\$ 11,605,000	-	-	\$ -	\$ 0.30	\$ 6,206,932
Aqana Heights & Chaof Tanks	\$ 8,000,000	\$ 485,117	461,813	23,304	\$ 485,117	\$ -	\$ -
Tank Major Repair Yiqo#1 Manqilaoc#2 Aqat#2	\$ 500,000	\$ -	-	-	\$ -	\$ -	\$ 23,304
Tank Major Repair Yiqo#2 Aqat#2	\$ -	\$ -	-	-	\$ -	\$ -	\$ -
Assessment of maloloi Elevetad & Yiqo Elevated	\$ -	\$ -	-	-	\$ -	\$ -	\$ -
Fire Hydrant Replacement Program	\$ -	\$ -	-	-	\$ -	\$ -	\$ -
Wastewater System Planning	\$ 800,000	\$ 651,000	550,968	99,933	\$ 650,900	\$ 99.53	\$ 100,032
Lift Station Upgrades	\$ 5,000,000	\$ 946,000	562,785	363	\$ 563,149	\$ 382,851.50	\$ 383,215
Wastewater Collection System Repl/Rehab	\$ 6,500,000	\$ 780,000	555,848	104,465	\$ 660,314	\$ 119,686.50	\$ 224,152
Baza Gardens STP Replacement	\$ 3,114,883	\$ 3,114,883	969,594	2,145,275	\$ 3,114,869	\$ 14.50	\$ 2,145,290
Facilities Plan/Design for Umatac-Merizo WWTP	\$ 473,000	\$ 473,000	341,226	30,473	\$ 371,699	\$ 101,301.00	\$ 131,774
Agat/Santa Rita STP Replacement	\$ 19,000,000	\$ 67,200,000	43,563,454	23,636,545	\$ 67,200,000	\$ 0.17	\$ 23,636,546
Agana WWTP Interim Measures	\$ 673,000	\$ 673,000	611,247	61,753	\$ 673,000	\$ (0.19)	\$ 61,753
Umatac Merizo Replacement	\$ 620,000	\$ 620,000	91,348	8,513	\$ 99,861	\$ 520,139.31	\$ 528,652
Wastewater Pump Station Electrical Upgrade	\$ 1,500,000	\$ 1,500,000	1,480,769	19,230	\$ 1,500,000	\$ 0.32	\$ 19,231
Electrical Upgrade - Water Wells	\$ 325,000	\$ 2,000	-	-	\$ -	\$ 2,000.00	\$ 2,000
Electrical Upgrade - Water Booster	\$ 350,000	\$ 200,000	977	-	\$ 977	\$ 199,023.00	\$ 199,023
Electrical Upgrade - Water Booster	\$ 250,000	\$ 150,000	60,700	-	\$ 60,700	\$ 89,300.00	\$ 89,300
Electrical Upgrade - Other Water	\$ 1,850,000	\$ 923,000	427,949	294,410	\$ 722,359	\$ 200,641.00	\$ 495,051
SCADA Improvements - Phase 3	\$ 500,000	\$ -	-	-	\$ -	\$ -	\$ -
SCADA Improvements - Phase 4	\$ 1,500,000	\$ 1,173,000	1,163,037	8,428	\$ 1,171,465	\$ 1,535.20	\$ 9,963
Laboratory Modernization	\$ 2,000,000	\$ 2,000	1,038	15	\$ 1,053	\$ 947.50	\$ 963
Land Survey	\$ 2,000,000	\$ 2,600,000	1,265,043	1,176,695	\$ 2,441,737	\$ 158,262.64	\$ 1,334,957
General Plant Improvements / Water	\$ -	\$ -	-	-	\$ -	\$ -	\$ 275,005
Allowance for COI	\$ -	\$ -	-	-	\$ -	\$ -	\$ 602,317
Interest Earned	\$ -	\$ -	-	-	\$ -	\$ -	\$ -
Total Construction Fund (2013 Series Revenue Bond)	\$ 139,325,000	\$ 139,325,000	\$ 89,217,649	\$ 43,565,345	\$ 132,782,994	\$ 6,542,006	\$ 50,984,672

PUC's Docket 14-04 dated February 25, 2014

ts are new projects added thru the reallocation of PUC's Docket 15-02

Exhibit B (1 of 1)

GUAM WATERWORKS AUTHORITY
2016 Series Bond Project Status
As of April 30, 2018

SCHEDULE L

PROJECT NAME	ORIGINAL APPROVED PROJECT COST	Adjusted Project Cost	EXPENDITURES AS OF 04/30/18	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 04/30/18
Water Booster Pump Station	\$ 4,139,000	\$ 4,139,000		122,648.72	\$ 150,000	\$ 4,139,000	\$ 4,139,000
Meter Replacement Program	\$ 4,501,000	\$ 4,501,000	27,351	-	-	\$ 4,351,000	\$ 4,473,649
Barrigada Tank Repair/Replacement	\$ 1,013,000	\$ 1,013,000		-	-	\$ 1,013,000	\$ 1,013,000
Leak Detection	\$ 1,180,000	\$ 1,180,000				\$ 1,180,000	\$ 1,180,000
Potable Water System Planning	\$ 2,276,000	\$ 2,276,000	257,062	619,231.76	\$ 876,294	\$ 1,399,706	\$ 2,018,938
Deep Well Rehabilitation	\$ 250,000	\$ 250,000		110,013.00	\$ 110,013	\$ 139,987	\$ 250,000
New Deep Wells at Down Hard	\$ 1,190,000	\$ 1,190,000				\$ 1,190,000	\$ 1,190,000
Master Meters	\$ 3,616,000	\$ 3,616,000	151,539	-	\$ 151,539	\$ 3,464,461	\$ 3,464,461
Uqum Water Treatment Plant Intake	\$ 18,000	\$ 18,000				\$ 18,000	\$ 18,000
Water Wells	\$ 2,500,000	\$ 2,500,000				\$ 2,500,000	\$ 2,500,000
Water Distribution System	\$ 2,049,000	\$ 49,000				\$ 49,000	\$ 49,000
Pressure Zone Realignment /	\$ 1,141,000	\$ 1,141,000		668,355.20	\$ 668,355	\$ 472,645	\$ 1,141,000
Mechanical/Electrical Equipment	\$ 100,000	\$ 100,000				\$ 100,000	\$ 100,000
Water System Internal/External	\$ 800,000	\$ 800,000				\$ 800,000	\$ 800,000
Water System Reservoirs 2005 Improvements	\$ 42,350,000	\$ 28,350,000	1,923,069	12,345,718.67	\$ 14,268,787	\$ 14,081,213	\$ 26,426,931
Uqum Water Treatment Plant Reservoir	\$ 6,410,000	\$ -				\$ -	\$ -
Water Audit Program & Water Loss Control Plan	\$ 1,000,000	\$ 1,000,000				\$ 1,000,000	\$ 1,000,000
Aqana Heights & Chaot Tanks	\$ 1,220,000	\$ 1,220,000		500,000.00	\$ 500,000	\$ 720,000	\$ 1,220,000
Tank Major Repair Yigo#1 Mangilao#2 Aqat#2	\$ 1,895,000	\$ 1,895,000		1,822,132.80	\$ 1,822,133	\$ 72,867	\$ 1,895,000
Tank Major Repair Yigo#1 Mangilao#2 Aqat#2	\$ 10,500,000	\$ 7,409,830		7,300,000.00	\$ 7,300,000	\$ 109,830	\$ 7,409,830
Fire Hydrant Replacement Program	\$ 2,000,000	\$ 2,000,000				\$ 2,000,000	\$ 2,000,000
Wastewater System Planning	\$ 349,000	\$ 349,000	118,587	194,396.23	\$ 312,983	\$ 36,017	\$ 230,413
Lift Station Upgrades	\$ 2,404,000	\$ 2,404,000	193,511	321,243.53	\$ 514,755	\$ 1,889,245	\$ 2,210,489
Wastewater Collection System Repl/Rehab	\$ 2,920,000	\$ 2,920,000		555,478.00	\$ 555,478	\$ 2,364,522	\$ 2,920,000
Baza Gardens STP Replacement	\$ 16,700,000	\$ 29,400,170	10,030,819	19,174,963.36	\$ 29,205,782	\$ 194,388	\$ 19,369,351
Facilities Plan/Design for Umatac-Merizo WWTP	\$ 527,000	\$ 527,000	225,258	26,846.67	\$ 252,105	\$ 274,895	\$ 301,742
Aqat/Santa Rita STP Replacement	\$ 3,000,000	\$ 3,000,000	902,989	216,710.57	\$ 1,119,700	\$ 1,880,300	\$ 2,097,011
Aqana WWTP Interim Measures	\$ 827,000	\$ 827,000				\$ 827,000	\$ 827,000
Umatac Merizo Replacement	\$ 8,000,000	\$ 20,800,000	2,803,249	17,799,005.51	\$ 20,602,254	\$ 197,746	\$ 17,996,751
Wastewater Pump Station Electrical Upgrade	\$ 100,000	\$ 100,000				\$ 100,000	\$ 100,000
Electrical Upgrade - Water Wells	\$ 650,000	\$ 650,000				\$ 650,000	\$ 650,000
Electrical Upgrade - Water Booster	\$ 323,000	\$ 323,000				\$ 323,000	\$ 323,000
SCADA Improvements - Phase 3	\$ 1,177,000	\$ 1,177,000	18,000	599,496.51	\$ 617,497	\$ 559,503	\$ 1,159,000
SCADA Improvements - Phase 4	\$ 6,500,000	\$ 6,500,000				\$ 6,500,000	\$ 6,500,000
Laboratory Modernization	\$ 1,127,000	\$ 1,127,000	1,127,000	-	\$ 1,127,000	\$ -	\$ -
Land Survey	\$ 1,998,000	\$ 1,998,000	130,370	1,130,153.37	\$ 1,260,524	\$ 737,476	\$ 1,867,630
General Plant Improvements / Water	\$ 2,769,463	\$ 2,769,463	647,695	896,065.14	\$ 1,543,760	\$ 1,225,703	\$ 2,121,768
Information Technology Integration Improvements	\$ 500,000	\$ 500,000	244,068	-	\$ 244,068	\$ 255,932	\$ 255,932
Interest Earned							\$ 1,007,853
Total Construction Fund (2016 Series Revenue Bond)	\$ 140,019,463	\$ 140,019,463	\$ 18,800,568	\$ 64,402,459	\$ 83,203,027	\$ 56,816,436	\$ 122,226,749

Exhibit C (1 of 1)

2013 Bond Reallocation			
CIP No.	Name	Additional Funds	Reduction Funds
PW 05-05	"A" Series Well Transmission Line		\$ 30,154
PW 05-06	Water Booster Pump Station		\$ 181,036
PW 05-07	Meter Replacement Program		\$ 2,468
PW 05-09	Leak Detection		\$ 3,084
PW 05-14	New Deep Wells at Down Hard		\$ 810,000
PW 05-16	Master Meters		\$ 71,940
PW 09-01	Ugum Water Treatment Plant Intake		\$ 122,199
PW 09-02	Water Wells		\$ 1,169,971
PW 09-03	Water Distribution System		\$ 238,547
PW 09-04	Pressure Zone Realignment /		\$ 93,890
PW 09-08	Mechanical/Electrical Equipment		\$ 3,201
PW 11-02	Ugum Water Treatment Plant Reservoir		\$ 90,000
PW 12-04	Agana Heights & Chaot Tanks		\$ 1,949,713
WW 05-04	Wastewater System Planning		\$ 99
WW 09-01	Lift Station Upgrades		\$ 382,852
WW 09-06	Wastewater Collection System Repl/Rehab		\$ 119,687
WW 11-03	Baza Gardens STP Replacement	\$ 6,541,991	
WW 11-04	Facilities Plan/Design for Umatac-Merizo WWTP		\$ 101,301
EE 09-01	Wastewater Pump Station Electrical Upgrade		\$ 520,139
EE 09-03	Electrical Upgrade - Water Booster		\$ 2,000
EE 09-04	Electrical Upgrade -Water Booster		\$ 199,023
EE 09-05	Electrical Upgrade - Other Water		\$ 89,300
EE 09-08	SCADA Improvements – Phase 3		\$ 200,641
MC 05-01	Laboratory Modernization		\$ 1,535
MC 05-02	Land Survey		\$ 948
MC 09-01	General Plant Improvements / Water		\$ 158,263
		\$ 6,541,991	\$ 6,541,991

14.5
\$ 6,542,006

Exhibit D (1 of 1)

GUAM WATERWORKS AUTHORITY
2016 Series Bond Project Status
As of April 30, 2018

SCHEDULE L

PROJECT NAME	ORIGINAL APPROVED COST	Adjusted Project Cost	EXPENDITURES AS OF 04/30/18	OUTSTANDING ENCUMBRANCES	TOTAL EXPENDITURES AND ENCUMBRANCES	UNOBLIGATED PROJECT COST	Construction fund balance AS OF 04/30/18
Water Booster Pump Station	\$ 4,139,000	\$ 4,139,000		122,648.72	\$ 150,000	\$ 4,139,000	\$ 4,139,000
Meter Replacement Program	\$ 4,501,000	\$ 4,501,000	27,351	-	-	\$ 4,351,000	\$ 4,473,649
Barriagada Tank Repair/Replacement	\$ 1,013,000	\$ 1,013,000		-	-	\$ 1,013,000	\$ 1,013,000
Leak Detection	\$ 1,180,000	\$ 1,180,000		-	-	\$ 1,180,000	\$ 1,180,000
Potable Water System Planning	\$ 2,276,000	\$ 2,276,000	257,062	619,231.76	\$ 876,294	\$ 1,399,706	\$ 2,018,938
Deep Well Rehabilitation	\$ 250,000	\$ 250,000		110,013.00	\$ 110,013	\$ 139,987	\$ 250,000
New Deep Wells at Down Hard	\$ 1,190,000	\$ 1,190,000		-	-	\$ 1,190,000	\$ 1,190,000
Master Meters	\$ 3,616,000	\$ 3,616,000	151,539	-	\$ 151,539	\$ 3,464,461	\$ 3,464,461
Uquim Water Treatment Plant Intake	\$ 18,000	\$ 18,000		-	-	\$ 18,000	\$ 18,000
Water Wells	\$ 2,500,000	\$ 2,500,000		-	-	\$ 2,500,000	\$ 2,500,000
Water Distribution System	\$ 2,049,000	\$ 49,000		-	-	\$ 49,000	\$ 49,000
Pressure Zone Realignment /	\$ 1,141,000	\$ 1,141,000		668,355.20	\$ 668,355	\$ 472,645	\$ 1,141,000
Mechanical/Electrical Equipment	\$ 100,000	\$ 100,000		-	-	\$ 100,000	\$ 100,000
Water Reservoir Internal/External	\$ 800,000	\$ 800,000		-	-	\$ 800,000	\$ 800,000
Water System Reservoirs 2005 Improvements	\$ 42,350,000	\$ 28,350,000	1,923,069	12,345,718.67	\$ 14,268,787	\$ 14,081,213	\$ 26,426,931
Uquim Water Treatment Plant Reservoir	\$ 6,410,000	\$ -		-	-	\$ -	\$ -
Water Audit Program & Water Loss Control Plan	\$ 1,000,000	\$ 1,000,000		-	-	\$ 1,000,000	\$ 1,000,000
Aqana Heights & Chaot Tanks	\$ 1,220,000	\$ 1,220,000		500,000.00	\$ 500,000	\$ 720,000	\$ 1,220,000
Tank Major Repair Yigo#1 Mandilao#2 Aqat#2	\$ 1,895,000	\$ 1,895,000		1,822,132.80	\$ 1,822,133	\$ 72,867	\$ 1,895,000
Tank Major Repair Yigo#1 Mandilao#2 Aqat#2	\$ 10,500,000	\$ 7,409,830		7,300,000.00	\$ 7,300,000	\$ 109,830	\$ 7,409,830
Fire Hydrant Replacement Program	\$ 2,000,000	\$ 2,000,000		-	-	\$ 2,000,000	\$ 2,000,000
Wastewater System Planning	\$ 349,000	\$ 349,000	118,587	194,396.23	\$ 312,983	\$ 36,017	\$ 230,413
Lift Station Upgrades	\$ 2,404,000	\$ 2,404,000	193,511	321,243.53	\$ 514,755	\$ 1,889,245	\$ 2,210,489
Wastewater Collection System Repl/Rehab	\$ 2,920,000	\$ 2,920,000		555,478.00	\$ 555,478	\$ 2,364,522	\$ 2,920,000
Baza Gardens STP Replacement	\$ 16,700,000	\$ 29,400,170	3,488,813	19,174,963.36	\$ 22,663,776	\$ 6,736,394	\$ 25,911,357
Facilities Plan/Design for Umatac-Merizo WWTP	\$ 527,000	\$ 527,000	225,258	26,846.67	\$ 252,105	\$ 274,895	\$ 301,742
Aqat/Santa Rita STP Replacement	\$ 3,000,000	\$ 3,000,000	902,989	216,710.57	\$ 1,119,700	\$ 1,880,300	\$ 2,097,011
Aqana WWTP Interim Measures	\$ 827,000	\$ 827,000		-	-	\$ 827,000	\$ 827,000
Umatac Merizo Replacement	\$ 8,000,000	\$ 20,800,000	2,803,249	17,799,005.51	\$ 20,602,254	\$ 197,746	\$ 17,996,751
Wastewater Pump Station Electrical Upgrade	\$ 100,000	\$ 100,000		-	-	\$ 100,000	\$ 100,000
Electrical Upgrade - Water Wells	\$ 650,000	\$ 650,000		-	-	\$ 650,000	\$ 650,000
Electrical Upgrade - Water Booster	\$ 323,000	\$ 323,000		-	-	\$ 323,000	\$ 323,000
SCADA Improvements - Phase 3	\$ 1,177,000	\$ 1,177,000	18,000	599,496.51	\$ 617,497	\$ 559,503	\$ 1,159,000
SCADA Improvements - Phase 4	\$ 6,500,000	\$ 6,500,000		-	-	\$ 6,500,000	\$ 6,500,000
Laboratory Modernization	\$ 1,127,000	\$ 1,127,000	1,127,000	-	\$ 1,127,000	\$ -	\$ -
Land Survey	\$ 1,998,000	\$ 1,998,000	130,370	1,130,153.37	\$ 1,260,524	\$ 737,476	\$ 1,867,630
General Plant Improvements / Water	\$ 2,769,463	\$ 2,769,463	647,695	896,065.14	\$ 1,543,760	\$ 1,225,703	\$ 2,121,768
Information Technology Integration Improvements	\$ 500,000	\$ 500,000	244,068	-	\$ 244,068	\$ 255,932	\$ 255,932
Interest Earned							\$ 1,007,853
Total Construction Fund (2016 Series Revenue Bond)	\$ 140,019,463	\$ 140,019,463	\$ 12,258,562	\$ 64,402,459	\$ 76,661,021	\$ 63,358,442	\$ 128,768,755

2016 Bond Reallocation			
CIP No.	Name	Additional Funds	Reduction Funds
PW 05-06	Water Booster Pump Station		\$ 4,139,000
PW 05-07	Meter Replacement Program		\$ 3,101,000
PW 05-08	Barrigada Tank Repair/Replacement		\$ 1,013,000
PW 05-09	Leak Detection		\$ 1,080,000
PW 05-10	Potable Water System Planning		\$ 1,399,706
PW 05-16	Master Meters		\$ 1,464,461
PW 09-01	Ugum Water Treatment Plant Intake		\$ 18,000
PW 09-03	Water Distribution System		\$ 49,000
PW 09-08	Mechanical/Electrical Equipment		\$ 100,000
PW 09-11	Water System Reservoirs 2005 Improvements	\$ 30,480,170.00	
PW 12-01	Water Audit Program & Water Loss Control Plan		\$ 450,000
PW 12-05	Tank Major Repair Yigo#1 Mangilao#2 Agat#2		\$ 72,867
PW 12-06	Tank Major Repair Yigo#1 Mangilao#2 Agat#2		\$ 109,830
PW 14-01	Fire Hydrant Replacement Program		\$ 800,000
WW 05-04	Wastewater System Planning		\$ 36,017
WW 09-01	Lift Station Upgrades		\$ 689,245
WW 09-06	Wastewater Collection System Repl/Rehab		\$ 1,864,522
WW 11-03	Baza Gardens STP Replacement		\$ 6,736,394
WW 11-04	Facilities Plan/Design for Umatac-Merizo WWTP		\$ 274,895
WW 11-08	Agat/Santa Rita STP Replacement		\$ 997,669
WW 12-03	Agana WWTP Interim Measures		\$ 827,000
EE 09-01	Wastewater Pump Station Electrical Upgrade		\$ 100,000
EE 09-02	Electrical Upgrade - Water Wells		\$ 650,000
EE 09-03	Electrical Upgrade - Water Booster		\$ 323,000
EE 09-08	SCADA Improvements – Phase 3		\$ 99,503
EE 09-09	SCADA Improvements – Phase 4		\$ 2,121,882
MC 05-02	Land Survey		\$ 737,476
MC 09-01	General Plant Improvements / Water		\$ 1,225,703
		\$ 30,480,170	\$ 30,480,170