

BATAK WATER DISTRICT
CASH FLOW PROJECTION
2017

	<u>2016</u>	<u>1ST QUARTER</u>	<u>2ND QUARTER</u>	<u>3RD QUARTER</u>	<u>4TH QUARTER</u>	<u>T O T A L</u>
Service Conn. - Year End	1,500	1,650	1,800	1,950	2,100	2,100
Service Conn. - Average		1,575	1,725	1,875	2,025	2,025
Market Growth Per Quarter		150	150	150	150	600
Service Area Population		-	-	-	-	42,139
% Population Served		-	-	-	-	25.00%
Consumption/Conn. m3		17	17	17	17	17
Billed Water (in cu.m.)		80,325	87,975	95,625	103,275	367,200
Unaccounted Water (%)		20%	20%	20%	20%	20%
Total Production (m3)		100,406	109,969	119,531	129,094	459,000
Effective Water rate		40.92	40.92	40.92	40.92	40.92
Rate Increase(%)						0.00%
Collection Efficiency (%)		98%	98%	98%	98%	98%
RECEIPTS :						
Water Sales (98% of Metered Sales)		3,221,161.00	3,527,938.00	3,834,716.00	4,141,493.00	14,725,308.00
Penalty (98% of Metered sales x 13% x 25%)		104,688.00	114,658.00	124,628.00	134,599.00	478,573.00
Application Fee (P 3,000 x MPQ)		450,000.00	450,000.00	450,000.00	450,000.00	1,800,000.00
Other Revenues (3% of Metered Sales)		98,607.00	107,998.00	117,389.00	126,780.00	450,774.00
Refund of Disallowances		16,625.00	16,625.00	16,625.00	16,625.00	66,500.00
TOTAL RECEIPTS		<u>3,891,081.00</u>	<u>4,217,219.00</u>	<u>4,543,358.00</u>	<u>4,869,497.00</u>	<u>17,521,155.00</u>

	<u>1ST QUARTER</u>	<u>2ND QUARTER</u>	<u>3RD QUARTER</u>	<u>4TH QUARTER</u>	<u>T O T A L</u>
DISBURSEMENT :					
O & M COST					
Total Personal Services	1,490,817.00	1,490,817.00	1,490,817.00	1,520,817.00	5,993,268.00
Power/Fuel for Pumping	575,000.00	575,000.00	575,000.00	575,000.00	2,300,000.00
Chemicals & Filtering Materials	70,000.00	70,000.00	70,000.00	70,000.00	280,000.00
Other O & M	<u>967,890.00</u>	<u>940,145.00</u>	<u>926,272.00</u>	<u>926,272.00</u>	<u>3,760,579.00</u>
Total O & M	<u>3,103,707.00</u>	<u>3,075,962.00</u>	<u>3,062,089.00</u>	<u>3,092,089.00</u>	<u>12,333,847.00</u>
DEBT SERVICE					
03 Current (LWUA)	287,769.00	287,769.00	287,769.00	287,769.00	1,151,076.00
04 LBP - Loan	196,499.00	196,499.00	196,499.00	196,499.00	785,996.00
05 5M LWUA - Regular Loan	158,877.00	158,877.00	158,877.00	158,877.00	635,508.00
06 CGB Loan (Office Building)		60,000.00	90,000.00	90,000.00	240,000.00
Total Debt Service	<u>643,145.00</u>	<u>703,145.00</u>	<u>733,145.00</u>	<u>733,145.00</u>	<u>2,812,580.00</u>
07 Capex - Service Conn (3000 x 200)					0.00
08 Capex (Others)	75,000.00	125,000.00	400,000.00	500,000.00	1,100,000.00
09 Fund Reserve (3% of Water Sales)	98,607.00	107,998.00	117,389.00	126,780.00	450,774.00
10 Fund Reserve - FB (5% of Gross Salaries)	36,998.00	36,998.00	36,998.00	36,998.00	147,992.00
11 Gender & Development (3% of Total OMOE)	93,111.00	92,279.00	91,863.00	92,763.00	370,016.00
12 Franchise Tax (2% of water sales)	65,738.00	71,999.00	78,260.00	84,520.00	300,517.00
TOTAL DISBURSEMENT	<u>4,116,306.00</u>	<u>4,213,381.00</u>	<u>4,519,744.00</u>	<u>4,666,295.00</u>	<u>17,515,726.00</u>
NET CASH INFLOW (OUTFLOW)	(225,225)	3,838	23,614	203,202	5,429
ADD : CASH BEGINNING BALANCE	<u>250,000</u>	<u>24,775</u>	<u>28,613</u>	<u>52,227</u>	<u>250,000</u>
CASH ENDING, BALANCE	<u>24,775</u>	<u>28,613</u>	<u>52,227</u>	<u>255,429</u>	<u>255,429</u>