

BATAK WATER DISTRICT
CASH FLOW PROJECTION
2018

	<u>2017</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	1,700	1,780	1,860	1,940	2,020	2,020
Service Conn. - Average		1,740	1,820	1,900	1,980	1,980
Market Growth Per Quarter		80	80	80	80	320
Service Area Population		-	-	-	-	64,134
% Population Served		-	-	-	-	15.75%
Consumption/Conn. m3		18	18	18	18	18
Billed Water (in cu.m.)		93,960	98,280	102,600	106,920	401,760
Unaccounted Water (%)		20%	20%	20%	20%	20%
Total Production (m3)		117,450	122,850	128,250	133,650	502,200
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)		3,767,946.00	3,941,185.00	4,114,424.00	4,287,663.00	16,111,218.00
Penalty (98% of Metered sales x 10% x 25%)		94,199.00	98,530.00	102,861.00	107,192.00	402,782.00
Application Fee (P 3,000 x MPQ)		240,000.00	240,000.00	240,000.00	240,000.00	960,000.00
Other Revenues (2% of Metered Sales)		76,897.00	80,432.00	83,968.00	87,503.00	328,800.00
TOTAL RECEIPTS		<u>4,179,042.00</u>	<u>4,360,147.00</u>	<u>4,541,253.00</u>	<u>4,722,358.00</u>	<u>17,802,800.00</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	1,367,345.00	1,737,375.00	1,684,201.00	1,777,375.00	6,566,296.00
Power/Fuel for Pumping	475,000.00	475,000.00	475,000.00	475,000.00	1,900,000.00
Chemicals & Filtering Materials	67,500.00	67,500.00	67,500.00	67,500.00	270,000.00
Other O & M	<u>827,950.00</u>	<u>807,950.00</u>	<u>807,950.00</u>	<u>819,950.00</u>	<u>3,263,800.00</u>
Total O & M	<u>2,737,795.00</u>	<u>3,087,825.00</u>	<u>3,034,651.00</u>	<u>3,139,825.00</u>	<u>12,000,096.00</u>
DEBT SERVICE					
03 Current (LWUA)	287,769.00	287,769.00	287,769.00	253,560.00	1,116,867.00
04 LBP - Loan	186,708.00	187,139.00	182,416.00	179,425.00	735,688.00
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)	90,000.00	90,000.00	90,000.00	90,000.00	360,000.00
Total Debt Service	<u>723,354.00</u>	<u>723,785.00</u>	<u>719,062.00</u>	<u>681,862.00</u>	<u>2,848,063.00</u>
07 Capex (Others)	200,000.00	100,000.00	350,000.00	450,000.00	1,100,000.00
08 Fund Reserve (3% of Water Sales)	115,345.00	120,649.00	125,952.00	131,255.00	493,201.00
09 Fund Reserve - FB (5% of Gross Salaries)	42,004.00	42,005.00	42,004.00	42,005.00	168,018.00
10 Gender & Development (5% of Total OMOE)	136,890.00	154,391.00	151,733.00	156,991.00	600,005.00
11 Franchise Tax (2% of water sales)	76,897.00	80,432.00	83,968.00	87,503.00	328,800.00
TOTAL DISBURSEMENT	<u>4,032,285.00</u>	<u>4,309,087.00</u>	<u>4,507,370.00</u>	<u>4,689,441.00</u>	<u>17,538,183.00</u>
NET CASH INFLOW (OUTFLOW)	146,757	51,060	33,883	32,917	264,617
ADD : CASH BEGINNING BALANCE	<u>250,000</u>	<u>396,757</u>	<u>447,817</u>	<u>481,700</u>	<u>250,000</u>
CASH ENDING, BALANCE	<u><u>396,757</u></u>	<u><u>447,817</u></u>	<u><u>481,700</u></u>	<u><u>514,617</u></u>	<u><u>514,617</u></u>