

BATAK WATER DISTRICT
CASH FLOW PROJECTION
2 0 1 5

	<u>2014</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	1,610	1,685	1,760	1,835	1,910	1,910
Service Conn. - Average		1,648	1,723	1,798	1,873	1,873
Market Growth Per Quarter		75	75	75	75	300
Service Area Population		-	-	-	-	11,249
% Population Served		-	-	-	-	16.98%
Consumption/Conn. m3		18	18	18	18	18
Billed Water (in cu.m.)		88,992	93,042	97,092	101,142	380,268
Unaccounted Water (%)		17%	17%	17%	17%	17%
Total Production (m3)		107,219	112,099	116,978	121,858	458,154
Effective Water rate		34.67	34.67	39.52	39.52	39.52
Rate Increase(%)		--	--	14.00%	14.00%	0.00%
Collection Efficiency (%)		98%	98%	98%	98%	98%
 RECEIPTS :						
Water Sales		3,023,646	3,161,251	3,760,334	3,917,189	13,862,420
Other Revenues (10% of water sales)		302,365	316,125	376,033	391,719	1,386,242
TOTAL RECEIPTS		<u>3,326,010</u>	<u>3,477,376</u>	<u>4,136,368</u>	<u>4,308,908</u>	<u>15,248,662</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	1,056,763.00	1,022,590.00	1,059,182.00	1,544,616.00	4,683,151.00
Power/Fuel for Pumping	550,000.00	550,000.00	550,000.00	550,000.00	2,200,000.00
Chemicals & Filtering Materials	37,500.00	37,500.00	37,500.00	37,500.00	150,000.00
Other O & M	430,453.00	430,453.00	430,456.00	495,457.00	1,786,819.00
	<u>2,074,716.00</u>	<u>2,040,543.00</u>	<u>2,077,138.00</u>	<u>2,627,573.00</u>	<u>8,819,970.00</u>
Total O & M					
DEBT SERVICE					
03 Current (LWUA)	300,861.00	300,861.00	300,861.00	300,861.00	1,203,444.00
04 LBP - Loan	220,354.00	220,354.00	220,354.00	220,354.00	881,416.00
05 5M LWUA - Regular Loan	191,641.00	191,641.00	191,641.00	191,642.00	766,565.00
	<u>712,856.00</u>	<u>712,856.00</u>	<u>712,856.00</u>	<u>712,857.00</u>	<u>2,851,425.00</u>
Total Debt Service					
06 Capex - Service Conn (3000 x 300)	225,000.00	225,000.00	225,000.00	225,000.00	900,000.00
07 Capex (Others)	400,000.00	375,000.00	425,000.00	375,000.00	1,575,000.00
08 Fund Reserve (3% of Water Sales)	90,709.00	94,838.00	112,810.00	117,516.00	415,873.00
09 Gender & Development (3% of Total OMOE)	62,241.00	61,216.00	62,314.00	78,827.00	264,598.00
10 Franchise Tax (2% of water sales)	60,473.00	63,225.00	75,207.00	78,343.00	277,248.00
	<u>3,625,995.00</u>	<u>3,572,678.00</u>	<u>3,690,325.00</u>	<u>4,215,116.00</u>	<u>15,104,114.00</u>
TOTAL DISBURSEMENT					
NET CASH INFLOW (OUTFLOW)	-299,984	-95,302	446,042	93,792	144,548
ADD : CASH BEGINNING BALANCE	<u>500,000</u>	<u>200,016</u>	<u>104,714</u>	<u>550,756</u>	<u>500,000</u>
CASH ENDING, BALANCE	<u>200,016</u>	<u>104,714</u>	<u>550,756</u>	<u>644,548</u>	<u>644,548</u>