

BATAK WATER DISTRICT
CASH FLOW PROJECTION
2 0 1 6

	<u>2015</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	1,550	1,600	1,650	1,700	1,750	1,750
Service Conn. - Average		1,575	1,625	1,675	1,725	1,725
Market Growth Per Quarter		50	50	50	50	200
Service Area Population		-	-	-	-	34,259
% Population Served		-	-	-	-	30.65%
Consumption/Conn. m3		17	17	17	17	17
Billed Water (in cu.m.)		80,325	82,875	85,425	87,975	336,600
Unaccounted Water (%)		20%	20%	20%	20%	20%
Total Production (m3)		100,406	103,594	106,781	109,969	420,750
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		3,221,161.00	3,323,420.00	3,425,679.00	3,527,938.00	13,498,198.00
Other Revenues (10% of water sales)		322,116.00	332,342.00	342,568.00	352,794.00	1,349,820.00
Refund of Disallowances		16,625.00	16,625.00	16,625.00	16,625.00	66,500.00
TOTAL RECEIPTS		<u>3,559,902.00</u>	<u>3,672,387.00</u>	<u>3,784,872.00</u>	<u>3,897,357.00</u>	<u>14,914,518.00</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	1,492,191.00	1,492,188.00	1,492,189.00	1,522,187.00	5,998,755.00
Power/Fuel for Pumping	378,750.00	378,750.00	378,750.00	378,750.00	1,515,000.00
Chemicals & Filtering Materials	63,000.00	63,000.00	63,000.00	63,000.00	252,000.00
Other O & M	<u>478,594.00</u>	<u>478,591.00</u>	<u>478,593.00</u>	<u>478,591.00</u>	<u>1,914,369.00</u>

Total O & M	<u>2,412,535.00</u>	<u>2,412,529.00</u>	<u>2,412,532.00</u>	<u>2,442,528.00</u>	<u>9,680,124.00</u>
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DEBT SERVICE

03 Current (LWUA)	287,769.00	287,769.00	287,769.00	287,769.00	1,151,076.00
04 LBP - Loan	208,494.00	208,494.00	208,494.00	208,494.00	833,976.00
05 5M LWUA - Regular Loan	158,877.00	158,877.00	158,877.00	158,877.00	635,508.00

Total Debt Service	<u>655,140.00</u>	<u>655,140.00</u>	<u>655,140.00</u>	<u>655,140.00</u>	<u>2,620,560.00</u>
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06 Capex - Service Conn (3000 x 200)	150,000.00	150,000.00	150,000.00	150,000.00	600,000.00
07 Capex (Others)	250,000.00	250,000.00	250,000.00	250,000.00	1,000,000.00
08 Fund Reserve (3% of Water Sales)	98,607.00	101,737.00	104,868.00	107,998.00	413,210.00
09 Gender & Development (3% of Total OMOE)	72,376.00	72,376.00	72,376.00	73,276.00	290,404.00
10 Franchise Tax (2% of water sales)	65,738.00	67,825.00	69,912.00	71,999.00	275,474.00

TOTAL DISBURSEMENT	<u>3,704,396.00</u>	<u>3,709,607.00</u>	<u>3,714,828.00</u>	<u>3,750,941.00</u>	<u>14,879,772.00</u>
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NET CASH INFLOW (OUTFLOW)	(144,494)	(37,220)	70,044	146,416	34,746
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ADD : CASH BEGINNING BALANCE	<u>500,000</u>	<u>355,506</u>	<u>318,286</u>	<u>388,330</u>	<u>500,000</u>
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CASH ENDING, BALANCE	<u><u>355,506</u></u>	<u><u>318,286</u></u>	<u><u>388,330</u></u>	<u><u>534,746</u></u>	<u><u>534,746</u></u>
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