

FORM 993

**Kentucky-American Water Company
2001 INVESTMENT PLAN**

Authorized Expenditures

Investment Item	Brief Description of Proposed Expenditures	Authorized Expenditures						Strategic Business Plan				Original SBP		
		FY2001						2000	1999	1998	1997	Cost	Year	
A	Mains, Hydrants, Valves, Meters * Deposit/Contribution													
B	Mains, Hydrants, Valves * Company Expense													
C	Services													
D	Meters													
E	Office Furniture & Equipment													
F	Transportation													
G	General Equipment													
H	Miscellaneous													
	TOTAL ITEM A THROUGH H													
		CPS No.	Estimated Cost	Prior	FY2001	FY2002	FY2003							
	Current Investment Projects													
92-12	Source of Supply Project		2,424,200	2,212,100	212,100									
96-19	Customer Service Software		1,820,000	1,340,180	479,820	0	0	X	X	X	X		352,000	1997
98-12	Clark County Improvements		2,000,000	1,300,000	700,000		0	X	X	X			2,000,000	1998
	New Investment Projects													
01-01	Security System Improvements		350,000	0	350,000	0	0	X	X				480,000	1999
01-02	Ground Storage Tank - 3.0 MG		100,000	0	100,000	0	0	X	X				1,500,000	1999
01-03	SCADA Improvements		94,000	0	94,000	0	0	X	X	X			210,000	1998
01-04	Scott County Mains		1,500,000	0	750,000	750,000	0	X	X	X	X		250,000	1996
01-05	Russell Cave Rd. Tank - 1.0 MG		200,000	0	150,000	50,000	0	X	X	X	X		980,000	1995
01-06	KRS Sluice Gate		250,000	0	150,000	100,000	0	X	X	X			250,000	1998
01-07	Main Relocations due to Road Construction		1,050,000	0	1,050,000	0	0	X	X	X	X			
						0	0							
	INVESTMENT PROJECT TOTAL													
Line 1	TOTAL ITEM A THROUGH IP's (2000)													
Line 2	Item A, IP Contributions and Tap Fees													
Line 3	COMPANY FUNDED EXPENDITURES (1 minus 2)													
	Acquisitions													
01-01-	Acquisition of Tri-Village & Elk Lake Water													
	Acquisition of South Shore Waterworks , Inc.													
Line 4	TOTAL ACQUISITIONS (2000)													
Line 5	TOTAL CAPITAL EXPENDITURES (1 plus 4) (2000)													

President

Date

Approved by Board of Directors for the Year 2001

2001 Investment Plan Summary

2001 Investment Plan Summary														FORECAST	2000-2004
Program of Construction														TOTAL	SBP Budget
Item	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	SBP Budget	
Item A - Mains & Hydrants, Deposit Agreements	100,000	205,000	315,000	371,000	422,000	527,000	532,000	532,000	433,000	323,000	273,000	217,000	4,250,000	4,250,000	
Item B - Mains & Hydrants, New & Replacement	30,000	40,000	50,000	80,000	100,000	150,000	150,000	150,000	100,000	100,000	100,000	80,000	1,130,000	1,130,000	
Item C - Services	50,035	50,358	50,832	96,892	99,065	102,613	156,627	108,060	118,670	98,443	84,799	84,820	1,101,200	1,100,000	
Item D - Meters & Installations	50,450	78,200	101,750	99,500	84,200	186,265	101,750	111,250	178,650	94,000	47,450	123,100	1,256,600	1,050,000	
Item E - Office Furniture & Equipment	15,000	37,700	23,800	42,000	20,950	41,800	40,750	40,000	22,000	24,000	15,000	5,000	328,000	420,000	
Item F - Transportation Equipment	0	0	0	0	0	40,000	80,000	80,000	50,000	0	0	0	250,000	250,000	
Item G - General Equipment	0	0	66,900	30,700	15,400	46,700	45,000	42,500	10,000	0	0	0	257,200	310,200	
Item H - Miscellaneous	37,000	0	20,000	42,000	68,000	40,000	0	15,000	0	0	0	0	222,000	285,000	
SUBTOTAL	282,485	411,258	628,282	762,091	809,615	1,134,378	1,106,127	1,078,809	912,320	639,443	520,249	509,919	8,795,000	8,795,200	
LESS Item A	100,000	205,000	315,000	371,000	422,000	527,000	532,000	532,000	433,000	323,000	273,000	217,000	4,250,000	4,250,000	
TOTAL	182,485	206,258	313,282	391,091	387,615	607,378	574,127	546,809	479,320	316,443	247,249	292,919	4,545,000	4,545,200	
CPS #	INVESTMENT PROJECTS														
92-12	Bluegrass Water Project	16,945	17,075	17,206	17,337	17,470	17,604	17,739	17,875	18,012	18,150	18,289	18,429	212,129	0
96-19	Customer Service Software	35,000	60,000	40,000	50,000	40,000	40,000	40,000	30,000	30,000	25,000	25,000	64,820	479,820	440,000
98-12	Clark County Improvements	10,000	10,000	30,000	50,000	100,000	100,000	100,000	100,000	100,000	0	0	0	700,000	700,000
01-01	Security System Improvements	530	1,050	6,340	11,650	22,280	27,650	33,180	54,500	54,880	55,260	55,640	27,030	350,000	300,000
01-02	Ground Storage Tank - 3.0 MG	0	0	0	5,290	5,290	31,740	28,590	29,090	0	0	0	0	100,000	100,000
01-03	SCADA Improvements	0	0	5,000	5,000	5,000	5,000	10,000	20,000	20,000	10,000	10,000	4,000	94,000	200,000
01-04	Scott County Mains	2,100	3,100	10,500	10,800	10,890	21,600	59,200	80,620	125,360	183,670	133,160	109,000	750,000	750,000
01-05	Russell Cave Rd. Tank - 1.0 MG	0	0	26,844	11,999	28,188	28,400	1,700	700	700	3,000	47,700	150,000	150,000	0
01-06	KRS Sluice Gate	0	0	0	0	0	0	2,100	28,500	28,700	44,700	46,000	150,000	0	
01-07	Main Relocations due to Road Construction	37,555	35,862	16,291	49,720	85,159	107,903	113,722	167,144	174,549	132,234	77,225	52,629	1,050,000	1,165,000
01-	Acquisition of Tri-Village & Elk Lake Water	18,667	18,667	18,667	18,667	18,667	1,817,961	0	0	0	0	0	0	1,911,300	0
01-	Acquisition of South Shore Waterworks, Inc.	30,571	11,571	11,571	11,571	11,571	11,571	1,461,571	0	0	0	0	0	1,550,000	0
SUB-TOTAL IPS		134,423	140,250	165,213	224,697	327,045	2,191,825	1,847,963	484,154	533,989	535,564	348,725	351,179	7,285,120	3,805,000
IP Reimbursements		0	0	0	0	0	0	0	0	0	0	0	521,600	521,600	694,996
TOTAL IPS (Less IP Reimbursements)		134,423	140,250	165,213	224,697	327,045	2,191,825	1,847,963	484,154	533,989	535,564	348,725	(170,421)	6,763,520	3,110,004
Tap Fees		(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(91,667)	(1,100,000)	(1,000,000)
Total Investment Plan (Less Item A and Reimbursements)		225,241	254,841	386,828	524,122	622,993	2,707,536	2,330,423	939,297	921,642	760,340	504,307	30,832	10,208,520	6,655,204

2001 Investment Plan - Investment Projects

CPS #	Project No.	IP No.	INVESTMENT PROJECTS	Acct	12/31/00 Prior	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	2001 TOTAL	YTD Forecast	Projected Total	Anticipated Completion	COMMENTS
	92-12		Bluegrass Water Project		2,212,137	16,945	17,075	17,206	17,337	17,470	17,604	17,739	17,875	18,012	18,150	18,289	18,429	212,129				
	10619	96-19	Customer Service Software	391.25	1,337,000	35,000	60,000	40,000	50,000	40,000	40,000	40,000	30,000	30,000	25,000	25,000	64,820	479,820		1,820,000	Dec-01	
	10813	98-12	Clark County Improvements	343	16,564	10,000	10,000	30,000	50,000	100,000	100,000	100,000	100,000	100,000	100,000	0	0	700,000		2,000,000	Sep-01	\$1,300,000 prior completion in December 2000
		01-01	Security System Improvements	390.1	0	527	1,054	6,337	11,654	22,280	27,653	33,176	54,496	54,878	55,261	55,643	27,031	349,990		350,000	Dec-01	
		01-02	Ground Storage Tank - 3.0 MG	342	0	0	0	0	5,289	5,289	31,736	28,593	29,093	0	0	0	0	100,000		1,500,000	Dec-02	
		01-03	SCADA Improvements	391.28	0	0	0	5,000	5,000	5,000	5,000	10,000	20,000	20,000	10,000	10,000	4,000	94,000		650,000	Dec-02	
		01-04	Scott County Mains	343	0	2,067	3,087	10,496	10,811	10,886	21,618	59,214	80,617	125,360	183,671	133,157	108,998	749,982		1,500,000	Dec-02	\$750,000 complete and in-service in December 2001
		01-05	Russell Cave Rd. Tank - 1.0 MG	342	0	0	0	26,844	11,999	28,188	28,383	1,734	668	668	668	3,030	47,742	149,924		1,500,000	Dec-02	
	11005	01-06	KRS Sluice Gate	311	0	0	0	0	0	0	0	0	2,109	28,482	28,685	44,703	46,019	149,998		250,000	May-02	New
		01-07	Main Relocations due to Road Construction	343	0	37,555	35,862	16,291	49,720	85,159	107,903	113,722	167,144	174,549	132,234	77,225	52,629	1,049,993		1,075,460		\$850,000 complete and in-service in December 2001
		01-	Acquisition of Tri-Village & Elk Lake Water			18,667	18,667	18,667	18,667	18,667	1,817,961							1,911,296				
		01-	Acquisition of South Shore Waterworks, Inc.			30,571	11,571	11,571	11,571	11,571	11,571	1,461,571						1,549,997				
			Investment Total			151,332	157,316	182,412	242,048	344,510	2,209,429	1,865,749	502,002	551,949	553,669	367,047	369,668	7,497,129				
			Reimbursements			0	0	0	0	0	0	0	0	0	0	0	0	521,600		521,600		
			Investment Plan Total			151,332	157,316	182,412	242,048	344,510	2,209,429	1,865,749	502,002	551,949	553,669	367,047	(151,932)	6,975,529				
			Actual/Projected																			

**ITEM A - MAINS & HYDRANTS, DEPOSIT AGREEMENT
2001 INVESTMENT PLAN**

Item	Acct	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Mains	343	100,000	200,000	300,000	350,000	400,000	500,000	500,000	500,000	400,000	300,000	250,000	200,000	4,000,000
Reimbursible projects from Item B	343	0	0	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	50,000
Fire Services	345	0	5,000	10,000	15,000	15,000	20,000	25,000	25,000	25,000	15,000	15,000	10,000	180,000
Hydrants	348	0	0	0	1,000	2,000	2,000	2,000	2,000	3,000	3,000	3,000	2,000	20,000
Total Budget		100,000	205,000	315,000	371,000	422,000	527,000	532,000	532,000	433,000	323,000	273,000	217,000	4,250,000

**ITEM B - MAINS & HYDRANTS, NEW & REPLACEMENT
2001 INVESTMENT PLAN**

Item	Acct	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1A. Mains @ Company Expense-Co. Portion	343	7,000	7,000	10,000	16,000	16,000	20,000	23,000	27,000	23,000	17,000	17,000	17,000	200,000
1B. Mains - Expense for Upsizing Mains	343	3,000	3,000	5,000	9,000	9,000	10,000	12,000	13,000	12,000	8,000	8,000	8,000	100,000
2A. Hydrants @ Company Expense - New	348	5,000	10,000	15,000	15,000	20,000	20,000	20,000	20,000	25,000	20,000	20,000	10,000	200,000
2B. Hydrants * Additional Hydrants requested	348						20,000	20,000	20,000					60,000
3 Replacements & Improvements by KAWC	343	5,000	4,000	2,000	1,000	500	500	3,000	6,000	3,000	2,000	10,000	3,000	40,000
	348			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	10,000
4. Miscellaneous Capitalized Maintenance Repairs	343	5,000	5,000	2,000	2,000	1,000	2,000	4,000	8,000	2,000	3,000	10,000	6,000	50,000
5. Install 600 Feet 12-Inch DI in N. Limestone	343								5,000	10,000	20,000	25,000	35,000	95,000
6. Install 570 feet 8-inch DI in Granard Avenue	343	2,000	3,000	5,000	15,000	10,000	3,000							38,000
7. Install 550 feet 8-inch DI in Morrison Avenue	343	3,000	3,000	5,000	10,000	10,000	7,000							38,000
8. Replace 400 feet 12-inch CI in Mt Tabor	343	0	5,000	5,000	11,000	12,500	15,000	1,500						50,000
9. Replace 500 feet 12-inch CI in Todds Road	343					2,000	15,000	15,000	13,000	10,000	10,000			65,000
10. Install 1,550 feet of 8-inch DI in Victory Ave	343					5,000	21,500	27,000	30,000	14,000				97,500
11. Replacement/Relocation	343					13,000	15,000	23,500	7,000		19,000	9,000		86,500
														0
														0
														0
														0
Total Budget		30,000	40,000	50,000	80,000	100,000	150,000	150,000	150,000	100,000	100,000	80,000	1,130,000	

**ITEM C - SERVICES
2001 INVESTMENT PLAN**

Item	Account		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
	Unit Cost														
1. Install 3/4" Services (5002)	345		0	0	2,623	6,294	7,868	9,966	11,539	6,294	5,245	2,623	2,623	2,098	57,171
Quantity=	\$ 525		0	0	5	12	15	19	22	12	10	5	5	4	109
2. Renew 3/4" Services (6002)	345		0	2,000	2,000	15,000	15,000	15,000	25,000	15,000	15,000	15,000	10,000	6,000	135,000
Quantity=	\$ 1,000		0	2	2	15	15	15	25	15	15	15	10	6	135
3. Extend 3/4" Services (7002)	345		0	500	500	500	500	500	500	500	500	1,000	500	500	6,000
Quantity]	\$ 500		0	1	1	1	1	1	1	1	1	2	1	1	12
4. Install 1" Services (5102)	345		38,465	34,619	32,970	54,950	54,950	54,950	98,910	68,688	79,678	63,742	56,599	62,094	700,613
Quantity=	\$ 550		70	63	60	100	100	100	180	125	145	116	103	113	1,275
5. Renew 1" Services (6102)	345		9,500	9,500	9,500	10,450	9,500	9,500	9,500	9,500	9,500	9,500	9,500	8,550	114,000
Quantity=	\$ 950		10	10	10	11	10	10	10	10	10	10	10	9	120
6. Extend 1" Services (7102)	345		0	500	0	2,500	1,500	2,500	2,500	2,500	2,000	1,000	0	0	15,000
Quantity]	\$ 500		0	1	0	5	3	5	5	5	4	2	0	0	30
7. Install 2" Services (5302)	345		1,170	2,339	2,339	5,848	5,848	5,848	4,678	4,678	5,848	4,678	4,678	4,678	52,628
Quantity]	\$ 1,170		1	2	2	5	5	5	4	4	5	4	4	4	45
8. Renew 2" Services (6302)	345		900	900	900	900	900	900	900	900	900	900	900	900	10,800
Quantity=	\$ 900		1	1	1	1	1	1	1	1	1	1	1	1	12
9. Extend 2" Services (7302)	345		0	0	0	450	0	450	0	0	0	0	0	0	900
Quantity]	\$ 450		0	0	0	1	0	1	0	0	0	0	0	0	2
10-Install Domestic Services larger than 2"	345		0	0	0	0	3,000	3,000	3,100	0	0	0	0	0	9,100
	\$ 3,000		0	0	0	0	1	1	1	0	0	0	0	0	3
Subtotal			50,035	50,358	50,832	96,892	99,065	102,613	156,627	108,060	118,670	98,443	84,799	84,820	1,101,211

**ITEM D - METERS
2001 INVESTMENT PLAN**

Item	Account													Total
	Unit Cost	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1. Purchase 5/8" & 3/4" (1002)	346.2	0	0	0	0	0	42,565	0	0	0	0	0	0	42,565
Quantity=	\$ 37	0	0	0	0	0	1,150	0	0	0	0	0	0	1,150
1A. Purchase 5/8" & 3/4" (1002) - Encoders	346.2	0	31,450	8,250	0	0	8,250	0	0	8,250	0	0	5,500	61,700
Quantity=	\$ 55	0	572	150	0	0	150	0	0	150	0	0	100	1,122
1B. Purchase 5/8" & 3/4" (1502) - AMR	346.2	0	0	0	37,000	0	0	0	37,000	87,000	42,000	0	37,000	240,000
Quantity=	\$ 105	0	0	0	352	0	0	0	352	829	400	0	352	2,286
2. Purchase 1" (1102)	346.3	0	0	5,500	0	0	11,000	0	0	11,000	0	0	11,000	38,500
Quantity=	\$ 55	0	0	100	0	0	200	0	0	200	0	0	200	700
2. Purchase 1-1/2" (1202)	346.3	0	0	2,000	0	0	2,000	0	0	2,000	0	0	2,000	8,000
Quantity=	\$ 200	0	0	10	0	0	10	0	0	10	0	0	10	40
3. Purchase 2" (1302)	346.3	0	0	18,750	0	0	18,750	0	0	18,750	0	0	18,750	75,000
Quantity=	\$ 250	0	0	75	0	0	75	0	0	75	0	0	75	300
4. Purchase 4"	346.3	0	0	450	0	0	450	0	0	450	0	0	450	1,800
Quantity=	\$ 450	0	0	1	0	0	1	0	0	1	0	0	1	4
5. Purchase 6"	346.3	0	0	0	0	0	1,000	0	0	0	0	0	0	1,000
Quantity=	\$ 1,000	0	0	0	0	0	1	0	0	0	0	0	0	1
6. Install 5/8" and 3/4" Meters (2002)	347	37,500	30,000	45,000	45,000	31,500	37,500	37,500	37,500	30,000	30,000	30,000	30,000	421,500
Quantity=	\$ 150	250	200	300	300	210	250	250	250	200	200	200	200	2,810
7. Renew 5/8"x3/4" (3002)	347	2,250	4,500	4,500	4,500	6,750	13,500	13,500	13,500	9,000	9,000	6,750	5,400	93,150
Quantity=	\$ 450	5	10	10	10	15	30	30	30	20	20	15	12	207
8. Extend 5/8" and 3/4" (4002)	347	250	250	250	250	250	250	250	250	250	250	250	250	3,000
Quantity=	\$ 250	1	1	1	1	1	1	1	1	1	1	1	1	12
9. Install 1" (2102)	347	1,500	750	1,500	1,500	3,000	3,000	4,500	3,000	3,000	1,500	1,500	1,500	26,250
Quantity=	\$ 150	10	5	10	10	20	20	30	20	20	10	10	10	175
10. Renew 1" (3102)	347	200	200	200	200	200	3,000	200	200	200	200	200	200	5,200
Quantity=	\$ 200	1	1	1	1	1	15	1	1	1	1	1	1	26
11. Extend 1" (4102)	347	0	0	0	0	0	200	0	0	0	0	0	0	200
Quantity=	\$ 200	0	0	0	0	0	1	0	0	0	0	0	0	1
12. Install 2" (2302)	347	8,750	8,750	8,750	8,750	17,500	17,500	17,500	17,500	8,750	8,750	8,750	8,750	140,000
Quantity=	\$ 1,750	5	5	5	5	10	10	10	10	5	5	5	5	80
13. Renew 2" (3302)	347	0	2,300	0	2,300	0	2,300	0	2,300	0	2,300	0	2,300	13,800
Quantity=	\$ 2,300	0	1	0	1	0	1	0	1	0	1	0	1	6
14. Extend 2" (4302)	347	0	0	6,600	0	0	0	3,300	0	0	0	0	0	9,900
Quantity=	\$ 3,300	0	0	2	0	0	0	1	0	0	0	0	0	3
15. Domestic Services Larger than 2"	347	0	0	0	0	25,000	25,000	25,000	0	0	0	0	0	75,000
Quantity=	\$ 25,000	0	0	0	0	1	1	1	0	0	0	0	0	3
Total		50,450	78,200	101,750	99,500	84,200	186,265	101,750	111,250	178,650	94,000	47,450	123,100	1,256,564

**ITEM E - OFFICE FURNITURE & EQUIPMENT
2001 INVESTMENT PLAN**

Item	Acct	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Administrative														
Commercial														
1. Purchase Additional Capabilities of Telephone	397.1		1,500	1,500	1,500	1,500	1,500	1,500	2,000	2,000	2,000			15,000
Information Services														
1. Upgrade Lotus Notes	391.25		35,000											35,000
2. Purchase Upgraded Personal Computers	391.21			7,200	10,000	10,000	10,000	10,000	10,000	10,000	10,000	5,000	0	82,200
3. Purchase 4 notebook Computers	391.21						16,000							16,000
4. Install Internet Web Server	391.23								15,000	5,000				20,000
5. Install Communication Server	391.23	15,000												15,000
6. Install Computer Monitor System											7,000	5,000		12,000
Distribution														
1. Additional PCs for Maintenance	391.21							5,000	5,000					10,000
2. Software Training	391.26				0				3,000	0	0			3,000
														0
Engineering														
1. Two Auto Cadd Software Upgrades	391.26		1,200						0		0			1,200
2. Two Office Chairs for Cadd Stations	391.1			1,300										1,300
3. Large Format Scanner	391.23				13,000									13,000
4. Digital Camera	391.23					700								700
5. Two Computer upgrades for Construction	391.21						4,900							4,900
6. Two Monitor replacements	391.21						4,400							4,400
7. Small Flatbed Scanner	391.23					250								250
8. Scan Existing Work Order Sketches	391.28							19,250						19,250
9. Two AutoCadd Work Stations	391.21			12,000										12,000
10. Database Integration	391.28			0	1,900	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	41,900
Production														
1. Replace Office Furniture - Cross Conn. Sup	391.1					3,500								3,500
Water Quality														
1. Replace Drafting Stool - RRS Lab	391.1				1,000									1,000
2. Replace Chair for Water Quality Director	391.1			600										600
3. Install bookshelves at KRS for reports	391.1			1,200										1,200
4. Portable computer with docking station	391.21				14,600									14,600
Total Budget		15,000	37,700	23,800	42,000	20,950	41,800	40,750	40,000	22,000	24,000	15,000	5,000	328,000

**ITEM F - TRANSPORTATION EQUIPMENT
2001 INVESTMENT PLAN**

Item	Acct	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Distribution														
1. Replace 1994 1.5 ton Utility, #35	392.12								51,000					51,000
2. Replace 1995 112 Ton Pickup, Unit #47	392.11						23,600		0					23,600
3. Replace 1994 1 ton Utility, # 34	392.12							0		53,200				53,200
4. Replace 1995 1.5 ton Utility, #51	392.12							0	47,500					47,500
5. Replace 1991 Panel Van, #11	392.11					0	21,631							21,630
6. Replace 1997, 314 ton Utility truck, #62	392.11							30,700						
7. Replace 1997, 314 ton Utility, #63	392.11							31,000			0			
Administration														
														0
Production														
1. Replace 1997 112 Ton Pick-up, 72	392.11							21,000	0					21,000
total		0	0	0	0	0	45,230	82,700	98,500	53,200	0	0	0	279,630
Trade-in Value				0	0	0	5,230	2,700	18,500	3,200	0			29,630
Total Item F Less Trade-ins		0	0	0	0	0	40,000	80,000	80,000	50,000	0	0	0	250,000

**ITEM G - GENERAL EQUIPMENT
2001 INVESTMENT PLAN**

Item	Acct	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Distribution														
1. Purchase Five (5) Electric Pumps	394				5,500									5,500
2. Replace Two (2) Box Locators	394				2,500									2,500
3. Replace Two (2) Trash Pumps	394				3,000									3,000
4. Replace Two (2) Cut-off Saws	394				3,000									3,000
5. Replace Leak Detection Equipment	398								29,000					29,000
8. Purchase One (1) Magno-Trak 100 Locator	398					1,600								1,600
9. Purchase RD-500 Pipeline Locator	398						7,700							7,700
10. Purchase Four (4) Sets of Pipe Cutters	394			6,200										6,200
11. Purchase Five (5) 7W Pipe Locators	398						4,200	2,000						6,200
12. Purchase Six (6) valve box locators	398							3,000						3,000
Engineering														
1. Purchase Four (4) - Fisher Locators	398					1,800	1,800							3,600
2. Purchase Four (4) Fisher Valve Box Locators	392							2,000						2,000
Production														
1. Replace Kubota Tractor	398			20,000										20,000
2. Purchase Snow Blower - KRS	398				2,500									2,500
3. Replace Dehumidifier - RRS	398						10,000							10,000
4. Replace Air Conditioner - RRS	398			9,000										9,000
Water Quality														
1. Source Water Quality Monitoring Meter	395			7,200										7,200
2. Continuous chloring analyzers in distribution	395			5,500	5,000	5,000	5,000	5,000	2,500	0				28,000
3. Upgrade analyzer instrument/alarm system	395					1,500	3,000	6,000	6,000	6,000				22,500
4. Replace RRS Incubators	395			7,000										7,000
5. Replace Conductivity/pH Meter	395				2,900									2,900
6. Upgrade instrument analyzers/alarms for CT	395			3,000	3,800	3,000	3,000	3,000	5,000	4,000				24,800
7. Replace WW Sterilizer RRS	395			2,500										2,500
8. Small Water Bath - RRS	395			2,500										2,500
9. Stir/Hot plates RRS	395			2,500										2,500
10. Large volume lab refrigerators for labs	395						12,000							12,000
11. Freezer for RRS lab	395			1,500										1,500
12. Additional bench spectrophotometric analyzer	395				2,500	2,500								5,000
13. Upgrade analyzers and alarms - KRS	395							24,000						24,000
Total Investment		0	0	66,900	30,700	15,400	46,700	45,000	42,500	10,000	0	0	0	257,200
Less Item G Trade-in Values														0
Total Investment Item G		0	0	66,900	30,700	15,400	46,700	45,000	42,500	10,000	0	0	0	257,200

**ITEM H - MISCELLANEOUS
2001 INVESTMENT PLAN**

Item	Acct	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Administrative														
Production														
1. Replace Roof on KRS Clearwell	331				0	25,000								25,000
2. Replace Doors on valve Houses at KRS	331	25,000												25,000
3. Replace Water Softeners at KRS and RRS	332						18,000							18,000
4. Install Monitoring Equip at Delaplain & Muddy	397			20,000										20,000
5. Replace Hume Road Altitude Valve	398						22,000							22,000
6. Replace Roof on RRS Garage	331								15,000					15,000
7. Replace Heating and AC RRS Conf Room	331					18,000								18,000
8. Remodel Restroom at KRS	390.3	12,000												12,000
9. Replace Cox St. Altitude Valve	398				35,000									35,000
10. Replace Mercer Road Altitude Valve	398					22,000								22,000
Water Quality														
1. Distribution Sampling Stations	395				7,000	3,000								10,000
Total Budget		37,000	0	20,000	42,000	68,000	40,000	0	15,000	0	0	0	0	222,000

**KENTUCKY-AMERICAN WATER COMPANY
 2001 INVESTMENT PLAN DETAIL**

**Item A
 Mains and Hydrants - Deposit Agreements**

2001 Budget Request	\$4,250,000
2000 Budget	\$4,250,000
1999 Actual	\$4,745,799
1998 Actual	\$3,031,296
Strategic Business Plan	\$4,250,000

This estimate was calculated through discussions with a number of representatives of the home builders; industry, various land developers and obtaining those preliminary plats that were available.

We expect the investment level to continue in 2001 at the same level of 2000 in Central Kentucky due to growth in Fayette and surrounding counties. Based on the installed cost of pipe in 1999 and this cost being used for 2000 projects, the following are estimated costs for FY2001.

SUBDIVISION	PIPE (Feet)					ESTIMATED COST
	12-Inch	8-Inch	6-Inch	4-Inch	3-Inch	
FY2001 Subdivisions	22,000	155,000	5,000	5,000	20,000	
TOTAL PIPE						\$4,000,000
MISC FIRE SERVICES						\$180,000
HYDRANTS						\$20,000
ITEM B REIMBURSABLE PROJECTS						\$50,000
TOTAL ITEM A						\$4,250,000

**KENTUCKY-AMERICAN WATER COMPANY
 2001 INVESTMENT PLAN DETAIL**

**Item B
 Mains & Hydrants, New & Replacement**

2001 Budget Request	\$1,130,000
2000 Budget	\$1,139,500
1999 Actual	\$1,184,514
1998 Actual	\$1,040,747
Strategic Business Plan	\$1,130,000

This budget item consists of seven specific items.

1A. Company's Portion of Investment.....\$200,000

Rule 26 of the Company's Rules and Regulations as filed with Kentucky Public Service Commission provides for developer deposits based on the average installed per foot cost of the applicable size from the previous year. We are projecting that 2001 costs will be similar to 1999 average installed costs.

1B. Company Expense for Increasing Size of Mains\$100,000

KAWC will pay the additional cost of installing mains larger than 8-inch in accordance with the Rules and Regulations. Our estimated cost for 2001 will be based on \$30.29 per foot installed.

The difference in cost between the \$30.29 projected cost and the \$19.99 per foot that the developer will deposit will be \$10.30 per foot as KAWC's portion for upsizing mains to 12-inch. We are projecting 6,000 feet of 12-inch main to be installed during 2001 that will need to be upsized.

2A. Installation of Fire Hydrants in New Subdivisions.....\$200,000

Preliminary investigations of the 2001 Investment Budget estimates that 100 new fire hydrants will be required. The estimated cost for installation of a fire hydrant during FY 2001 is \$2,000.

2B. Hydrants to be Requested by Lexington Fire Department on Existing Mains.....\$60,000

Each year the Lexington Fire Department requests additional fire hydrants installed on existing mains due to zone changes and to upgrade fire protection in outlying areas. After discussions with fire department personnel, 20 such fire hydrant requests are projected. The average estimated cost for installation of a fire hydrant on an existing main is \$3,000.

3. Relocations, Replacements and Improvements by KAWC..... \$50,000

Each year KAWC receives requests from state and local governments to relocate our facilities due to storm and/or sanitary sewer improvements, bridge relocations or roadway work. In order to avoid conflicts, our facilities must be relocated. Also, each year we are also required to replace broken valves, replace damaged fire hydrants and repair main breaks which require full joints of pipe or more to repair. Since all of these projects are small in nature, we have combined these into one item. These projects are less than \$10,000 in cost each. There are no known projects planned in this specific category at this time. Budget amounts used in establishing this total include \$15,000 for relocation requests by the Lexington-Fayette Urban County Government (LFUCG), \$15,000 for relocation requests by the Kentucky Transportation Cabinet (KTC) and \$20,000 for miscellaneous valve and hydrant replacement and main repair.

4. Miscellaneous Capitalized Main Breaks \$50,000

Each year there are main breaks that are of sufficient size to justify individual work orders be written. Funds are being requested to allow for these expenditures. This is estimated based on previous years' needs.

5. Install 600 Feet of 12-Inch DI Along North Limestone..... \$95,000

The LFUCG is widening North Limestone from Main to Barr. While grade conflicts are not anticipated, we wish to take the opportunity to replace the existing main. The existing main, installed in 1885, will be replaced with an 8-inch main or larger. The project was originally proposed in 2000 but was split into two phases by the LFUCG construction schedule.

6. Replace 300 Feet of 2-inch Cast Iron with 570 Feet of 8-inch DI Along Granard Avenue..... \$38,000

This project is proposed to eliminate a dead-end line and improve flows in the Headley Avenue area. The existing main is cast iron, installed in 1938. It will be replaced with 570 feet of 8-inch ductile iron to improve fire flows and provide the opportunity of a fire hydrant. The project was originally proposed in 2000 but was delayed by the LFUCG.

- 7. Replace 300 Feet of 2-Inch Cast Iron with 550 Feet of 8-Inch DI
 Along Morrison Avenue.....\$38,000
 This project is proposed to eliminate a dead-end line and improve flows in the Headley Avenue area. The existing main is unlined cast iron installed in 1940. It will be replaced with 550 Feet of 8-Inch ductile iron to improve fire flows and provide the opportunity of a fire hydrant. The project was originally proposed in 2000 but was delayed by the LFUCG.
- 8. Replace 400 Feet of 12-Inch CI Main with 12-Inch DI
 Along Mount Tabor Road.....\$50,000
 The LFUCG proposes to widen the road from Richmond Road to Locust Hill in order to meet current standards. Grade conflicts with proposed storm work necessitates the relocation of pipe along the roadways.
- 9. Replace 500 Feet of 12-Inch CI with 12-Inch DI
 Along Todds Road..... \$65,000
 The LFUCG proposes to widen the road from Woodhill to Palumbo in order to meet current standards. Grade conflicts with the new road profile necessitates the relocation of pipe along the roadway.
- 10. Replace 1,550 Feet of 4-Inch CI with 900 Feet of 6-Inch CI
 Along Victory Avenue with 1,550 Feet of 8-Inch DI..... \$99,000
 This project is proposed to improve fire flows and water quality to this street. The existing 4-inch is cast iron and installed from 1920 to 1936. The 6-inch was installed in 1974. All will be replaced with 1,550 Feet of 8-inch ductile iron. The project was originally proposed in 2000 but was delayed to accommodate other work.
- 11. Replace 200 Feet of 24-Inch LJ with 200 Feet of 24-Inch DI..... \$85,000
 The City continues to develop the former R. J. Reynolds property. The existing railroad underpass is too narrow and must be widened. The current design will widen Reynolds Road from Nicholasville Road to just past the railroad overpass. The project was originally proposed in 2000, but was delayed by the LFUCG.

**KENTUCKY-AMERICAN WATER COMPANY
2001 INVESTMENT PLAN DETAIL**

**Item C
Services**

2001 Budget Request	\$1,101,211
2000 Budget	\$1,095,000
1999 Actual	\$1,232,059
1998 Actual	\$1,143,942
Strategic Business Plan	\$1,100,000

After reviewing preliminary plats available, consulting with developers, homebuilders, engineering firms, and reviewing current available building lots, forecast of services was developed. The following is a summary of services for 2001:

Install	109	3/4-Inch Services	@	\$ 525	=	\$ 57,171
Renew	135	3/4-Inch Services	@	\$1,000	=	\$ 135,000
Extend	12	3/4-Inch Services	@	\$ 500	=	\$ 6,000
Install	1275	1-Inch Services	@	\$ 550	=	\$ 700,613
Renew	120	1-Inch Services	@	\$ 950	=	\$ 114,000
Extend	30	1-Inch Services	@	\$ 500	=	\$ 15,000
Install	45	2-Inch Services	@	\$ 1170	=	\$ 52,628
Renew	12	2-Inch Services	@	\$ 900	=	\$ 10,800
Extend	2	2-Inch Services	@	\$ 450	=	\$ 900
Install	3	Domestic Larger Than 2-Inch	@	\$3,000	=	\$ 9,100
						\$1,101,211

**KENTUCKY-AMERICAN WATER COMPANY
2001 INVESTMENT PLAN DETAIL**

Item D Meters & Installations	
2001 Budget Request	\$1,256,564
2000 Budget	\$1,035,000
1999 Actual	\$988,994
1998 Actual	\$805,630
Strategic Business Plan	\$1,050,000

The Company is projecting similar levels of expenditures for meters and installations for FY2001 as experienced in FY2000. This includes approximately 2,600 new customers, 3,500 replacements for defective meters and routine replacements. A detailed summary is presented in the investment schedules. Kentucky-American Water Company is pursuing the inclusion of AMR in new subdivisions and rural areas, pursuant to the Kentucky Public Service Commission Order in Case No. 2000-120.

**KENTUCKY-AMERICAN WATER COMPANY
 2001 INVESTMENT PLAN DETAIL**

**Item E
 Office Furniture and Equipment**

2001 Budget Request	\$328,000
2000 Budget	\$206,200
1999 Actual	\$516,571
1998 Actual	\$525,100
Strategic Business Plan	\$420,000

COMMERCIAL

1. Purchase Additional capabilities for Telephone System\$15,000
 Purchase additional cards for telephone, fax machine, modem expansion of our existing telephone system. (February-October)

INFORMATION SERVICES

1. Upgrade Lotus Notes \$35,000
 Proposed is a hardware upgrade to the Lotus Notes server, software update for user licenses and training for 110 users. (February)

2. Purchase 45 Personal Computers\$82,200
 These 45 PCs will replace existing 133 and 166 mhz machines to improve speed and connectivity options. (April-November)

3. Replace Four Notebook Computers..... \$16,000
 These notebooks will replace existing machines in order to provide enhanced performance and communication abilities for remote access. (June)

4. Install Internet Web Server.....\$20,000
 This server will enhance Internet access, provide web-hosting abilities and improved web based customer service. (August)

- 5. Install Communication Server \$15,000
This server will provide access for remote connectivity, including the Internet, and will reduce demand on current network servers. (January)
- 6. Install Computer Controlled Monitoring System \$12,000
This monitor system will be installed in the Customer Service and Distribution area to keep associates informed of the daily happenings within the company and service area. Such things as main breaks, leak repairs, flushing, taste and odor problems, customers with unusual circumstances, traffic concerns and other issues can be communicated to all departments quickly and efficiently. The use for this system could be expanded throughout the building. (October)

DISTRIBUTION

- 1. Personal Computers for Maintenance..... \$10,000
One computer is assigned for downloading meter route information. Originally capable for downloading route information, the current computer is the weak link when downloading to the new style of memory cards for the Utiliti-corders. By upgrading the computer and providing an additional computer for backup, the time saved will increase productivity of the meter readers. (July)
- 2. Software Training.....\$3,000
Valve and hydrant routing data is being incorporated into a geographic information system database called GeoSync. This item proposes to provide training for the distribution department personnel to the GeoSync software being developed by Mapsync, Inc. (August)

ENGINEERING

- 1. Upgrade Two AutoCAD Software Programs \$1,200
The upgrade to AutoCAD 2000 will allow greater connectivity to new equipment and allows multiple drawings to be opened at once. The upgrade will improve productivity and comply with guidelines set forth by Corporate. (February)
- 2. Replace Two Office Chairs for CAD Stations\$1,300
The existing chairs have been in continuous duty for nearly 10 years and require replacement due to worn pivot points. The new chairs will provide improved ergonomics for associates who utilize the work stations. (March)

3. Large Format Scanner \$13,000
The existing scanner is slow and lacks adequate resolution for today's applications. The new scanner will enable images to be imported into AutoCAD more efficiently. (April)
4. Digital Camera \$700
A digital camera is proposed for the Engineering department to assist in reporting and electronic documentation. (May)
5. Replace Two Computers in Construction.....\$4,900
The existing computers no longer are sufficient to efficiently manage today's graphic applications. Replacement is more economical than the costs to upgrade. (June)
6. Two Monitor Replacements\$4,400
The existing CAD stations require additional working space. The monitors proposed are flat screen monitors that will free up needed space. (June)
7. Small Flatbed Scanner\$250
The existing scanner has an internal problem that cannot be corrected. The new scanner will be accessible to the Engineering Dept for 8 ½ x 11 sized projects. (May)
8. Scan Existing Work Order Sketches..... \$19,250
Currently, no backup exists for original paper copies of completion sketches. Dating back to 1910 these original documents are rapidly deteriorating and storage is cumbersome. The plan to scan and create electronic copies will safeguard the fragile originals and be compatible to be incorporated into the Graphic Information System (GIS). (July)
9. Two AutoCAD Work Stations..... \$12,000
The existing CAD stations were designed with drafting tables in mind and do not accommodate computer equipment efficiently. (March)
10. Database Integration..... \$41,900
MapSync, Incorporated is assisting to integrate existing databases for GIS. The work will include software refinements that allow multiple users to access the information. (April-December)

PRODUCTION

- 1. Replace Office Furniture – Cross Connection Supervisor..... \$3,500
The existing furniture is nearly 25 years old, has been damaged in various moves, and lacks design features needed to accommodate computer equipment. The new furniture will also provide better ergonomics. (May)

WATER QUALITY

- 1. Replace Laboratory Stools at RRS \$1,000
The existing two stools, in service since 1985 are worn and do not provide proper ergonomics. The new stools will be vertically adjustable and swivel. (April)
- 2. Replace Chair for WQ Director.....\$600
(March)
- 3. Install Bookshelves at KRS for Reports.....\$1,200
(March)
- 4. Portable Computer w/Docking Station..... \$14,600
(April)

**KENTUCKY-AMERICAN WATER COMPANY
 2000 INVESTMENT PLAN DETAIL**

Item F Transportation Equipment	
2001 Budget Request	\$250,000
2000 Budget	180,600
1999 Actual	305,491
1998 Actual	331,574
Strategic Business Plan	\$250,000

DISTRIBUTION

1. Replace 1991 Chevy C-20 Van, Unit 11 \$21,630
 This vehicle transports leak detection equipment and is used daily. The vehicle is now nine years old with 95,000 miles. Due to its age, maintenance costs are anticipated to escalate. It will be replaced with a similar unit. The estimated trade-in value is \$2,630. (June)

2. Replace 1995 Chevy 1-Ton Truck, Unit 51 \$47,500
 This vehicle is used as a utility truck daily by the Distribution department. At the time of replacement it will have been driven in excess of 78,000 miles. The maintenance costs estimated for 2000 are \$1,800. The estimated trade-in value is \$5,500. It will be replaced with a similar unit. (August)

3. Replace 1994 Chevy 1-ton C-3500HD Truck, Unit 35 \$51,000
 This vehicle is used as a utility truck daily by the Distribution department to operate valves. At the time of replacement it will have been driven in excess of 78,000 miles. Due to the high number of miles towing a backhoe, wear on the vehicle has been extraordinary. The estimated trade-in value is \$5,500. It will be replaced with a similar unit. (August)

- 4. Replace 1994 Chevy K-3500 Truck, Unit 34 \$53,200
This vehicle is used as a valve operator truck daily by the Distribution department. At the time of replacement it will have been driven in excess of 71,000 miles. The maintenance costs estimated for 2000 are \$2,800. The estimated trade-in value is \$6,000. It will be replaced with a similar unit. (September)
- 5. Replace 1995 Ford Ranger Pickup, Unit 47 \$23,600
This vehicle is used as a utility on/off truck daily by the Distribution department. At the time of replacement it will have been driven in excess of 95,000 miles. The estimated trade-in value is \$2,000. It will be replaced with a similar unit. (June)
- 6. Replace 1997 %-Ton 4x4 Truck, Unit 63.....\$30,700
This vehicle is used as a utility after-hours truck daily by the Distribution department. At the time of replacement it will have been driven in excess of 58,000 miles. The estimated trade-in value is \$3,000. It will be replaced with a similar unit. (July)
- 7. Replace 1997 %-Ton 4x4 Truck, Unit 62..... \$31,000
This vehicle is used as a utility on/off truck daily in Scott County by the Distribution department. At the time of replacement it will have been driven in excess of 95,000 miles. The estimated trade-in value is \$2,500. It will be replaced with a similar unit. (July)

PRODUCTION

- 1. Replace 1997 ½-Ton Pickup Truck, Unit 72..... \$21,000
This truck is utilized daily by the Cross-Connection Supervisor in the Production department. The vehicle will have over 100,000 miles on it and needs replacing. The estimated trade-in value is \$2,500. (July)

**KENTUCKY-AMERICAN WATER COMPANY
 2001 INVESTMENT PLAN DETAIL**

Item G General Equipment	
2001 Investment Request	\$257,200
2000 Investment Plan	\$310,200
1999 Actual	\$305,491
1998 Actual	\$224,491
Strategic Business Plan	\$310,200

DISTRIBUTION

1. Purchase Five (5) Electric Pumps\$5,500

These electric pumps are used daily by the Distribution department in the repair of mains, services, etc. These pumps are used continuously and are replaced on a periodic basis to ensure that good working equipment is available for the Distribution department crews. (April)
2. Replace Two Box Locators \$2,500

These locators will be purchased to replace similar units that have been retired. (April)
3. Replace Two (2) Trash Pumps.....\$3,000

These trash pumps are used daily by the Distribution department in the repair of mains, crews, etc. These pumps are used continuously and are replaced on a periodic basis to ensure that good working equipment is available for the Distribution department crews. (April)
4. Replace Two (2) Cut-Off Saws.....\$3,000

These saws will replaces ones that are used daily by the Distribution department crews to cut pipe, concrete and asphalt. These saws are in continuous use and repairs are not economical. (April)
5. Replace Leak Detection Equipment..... \$29,000

Upgrades of equipment in the leak detection van are needed to maintain accuracy. (August)

6. Purchase One (1) Magno-Trak 100 Locator..... \$1,600
This additional metal detector will be used by the crew in Scott County to locate valve boxes and meter box tops. (May)
7. Purchase RD-500 Pipeline Locator..... \$7,700
This unit will replace an existing unit that is worn out and beyond economical repair. (June)
8. Purchase Four (4) Sets of Pipe Cutters\$6,200
These new cutters will replace existing units that are worn out. The cutters are required for cutting cast iron and ductile iron mains for repair. (March)
9. Purchase Five (5) 7W Pipe Locators.....\$6,200
These locators will replace existing equipment that has worn out. (June)
10. Purchase Six (6) Valve Box Locators..... \$3,000
These units will replace existing units that are worn out. (July)

ENGINEERING

1. Purchase Four (4) Pipe Locators\$3,600
These units will be used by the Operations Engineers for relocation work and while on standby. (May)
2. Purchase Four (4) Valve Box Locators.....\$2,000
These units will replace existing units used by Operations Specialists. (June)

PRODUCTION

1. Replace Kubota Tractor \$20,000
The existing tractor is used to mow KAWC properties. The tractor has become expensive to maintain due to age and is being replaced. (March)
2. Purchase Snow Blower – KRS..... \$2,500
The KRS is nearly inaccessible during moderate snowfalls and snow removal at the site and leading to the plant is extremely difficult. This blower will facilitate snow removal. (April)

- 3. Replace Dehumidifier – RRS \$10,000
 (June)
- 4. Replace Air Conditioner – RRS..... \$9,000
 (March)

WATER QUALITY

- 1. Remote Water Quality Monitoring..... \$7,200
 This system will replace the present YSI 3800 logger that currently is in use for remote monitoring of the Kentucky River during low flow events. The current system is obsolete and no longer supported by the manufacturer. A \$700 trade-in will be given.
 (March)
- 2. Continuous Chlorine Analyzers in Distribution System.....\$28,000
 (March-August)
- 3. Replace Analyzers \$22,500
 Monitors at the RRS for pH and chlorine will be replaced with improved models for greater accuracy. (May-September)
- 4. Replace RRS Incubators.....\$7,000
 The current incubators are critical for bacteriological sampling. The incubators will be replaced with similar units. (March)
- 5. Replace Conductivity/pH Meter..... \$2,900
 The current portable meter does not provide results quickly and frequently malfunctions during testing. The meter will be replaced with an improved model. (April)
- 6. Upgrade Instrument Analyzers/Alarms for CT.....\$24,000
 (March-September)
- 7. Replace UV Sterilizer – RRS.....\$2,500
 (March)

- 8. Small Water Bath – RRS.....\$2,500
(March)
- 9. Stir/Hot Plates – RRS.....\$2,500
(March)
- 10. Large Volume Lab Refrigerators for Labs\$12,000
(June)
- 11. Freezer for RRS Lab.....\$1,500
(March)
- 12. Additional Bench Spectrophotometric Analyzer.....\$5,000
(April-May)
- 13. Upgrade Analyzers and Alarms – KRS\$24,000
(July)

**KENTUCKY-AMERICAN WATER COMPANY
 2001 INVESTMENT PLAN DETAIL**

	Item H	
Miscellaneous		
2001 Investment Request		\$222,000
2000 Investment Plan		\$285,000
1999 Actual		\$541,001
1998 Actual		\$187,976
Strategic Business Plan		\$285,000

PRODUCTION

1. Replace Roof on KRS Clearwell..... \$25,000
 The existing roof has reached the end of its useful life and must be replaced to assure water quality in the clearwell. (May)

2. Replace Doors on Valve House at KRS\$25,000
 The existing doors have deteriorated due to weather and currently do not shut properly, exposing the interior of the valve houses and monitoring equipment to extreme weather. (January)

3. Replace Water Softeners at KRS & RRS \$18,000
 The softeners are critical to the chemical feed process and the existing softeners cannot adequately handle the load. They will be replaced with larger units. (June)

4. Install Monitoring Equipment at Delaplain and Muddy Ford..... \$20,000
 This equipment will include remote pressure monitoring to be fed to the RRS to improve response time when distribution system conditions change in Scott County. (March)

5. Replace Hume Road Altitude Valve \$22,000
 The existing valve has been in service since 1988 and has deteriorated due to cavitation. The replacement valve will include anti-cavitation features to lengthen service life. (June)