

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2007-00143
PUBLIC SERVICE COMMISSION'S FIRST SET OF INFORMATION REQUESTS
ITEMS 1 – 33

Witness Responsible:

L.C. Bridwell

9. a. For each construction project that Kentucky-American has commenced from January 1, 1997 through December 31, 2006, provide the information listed below in the format contained in Schedule 1:
- (1) Project number; (2) Project title and description; (3) Annual actual cost; (4) Annual original budgeted cost; (5) Variance between annual actual cost and annual original budgeted cost in dollars; (6) Variance between annual actual cost and annual original budgeted cost as a percentage; (7) Percentage of total construction budget that proposed project comprises for the budgeted year; (8) Total actual project cost; (9) Total budgeted project cost; (10) Variance between total actual project cost and total budgeted project cost; (11) Date the original budget projected the project to start; (12) Date the original budget projected the project to be completed; (13) Date construction of project actually commenced; (14) Date construction of the project was actually completed.
- b. For each project in which a variance between actual and budgeted cost occurred or in which a delay in its start or completion occurred, describe the variance or delay and the reasons for such variance or delay.

Response:

Please see attached.

For electronic version, refer to KAW_R_PSCDR1#9_052107.pdf.

Item	Description	Annual Actual	Annual Original Budget	Variance Dollars	Variance Percent	Percent of Budget	Total Actual Project Cost	Total Budget Project Cost	Variance	Date Original Budget Start	Date Original Budget End	Date Actual Start	Date Actual End
80	DEVELOPER/GOVERNMENTAL CONTRIBUTIONS	\$ 4,003,166	\$ 4,000,000	\$ 3,166	100.08%	25.64%							
81	NETWORK - REPLACEMENT/RENEWAL	\$ 886,357	\$ 525,000	\$ 361,357	168.83%	3.37%							
82	NETWORK - EXTENSION	\$ 460,200	\$ 250,000	\$ 210,200	184.08%	1.60%							
83	HYDRANTS - REPLACEMENTS	\$ 25,782	\$ 25,000	\$ 782	103.13%	0.16%							
84	HYDRANTS - NEW	\$ 394,984	\$ 260,000	\$ 134,984	151.92%	1.67%							
85	SERVICES - REPLACEMENT	\$ 612,492	\$ 465,650	\$ 146,842	131.53%	2.99%							
86	SERVICES - NEW	\$ 1,154,016	\$ 1,134,350	\$ 19,666	101.73%	7.27%							
87	METERS - REPLACEMENT	\$ 175,758	\$ 800,800	\$ (625,042)	21.95%	5.13%							
88	METERS - NEW	\$ 1,720,107	\$ 707,350	\$ 1,012,757	243.18%	4.53%							
89	ITS EQUIPMENT & SYSTEMS	\$ 107,436	\$ 75,000	\$ 32,436	143.25%	0.48%							
90	OFFICES AND OPERATIONS CENTERS	\$ 23,159	\$ 50,000	\$ (26,841)	46.32%	0.32%							
91	VEHICLES	\$ 235,327	\$ 125,000	\$ 110,327	188.26%	0.80%							
92	TOOLS AND EQUIPMENT	\$ 19,085	\$ 76,400	\$ (57,315)	24.98%	0.49%							
93	PROCESS PLANT - REPLACEMENTS	\$ 142,457	\$ 179,250	\$ (36,793)	79.47%	1.15%							
94	PROCESS PLANT - ADDITIONS	\$ 22,715	\$ 20,000	\$ 2,715	113.57%	0.13%							
95	TREATMENT MEDIA REPLACEMENT & PROCESS REHAB (if capitalized)	\$ 187,528	\$ -	\$ 187,528	-	0.00%							
96	TANK REHABILITATION/PAINTING (if capitalized)	\$ -	\$ -	\$ -	-	0.00%							
97	COMPREHENSIVE PLANNING STUDIES (if capitalized)	\$ -	\$ -	\$ -	-	0.00%							
	TOTAL	10,170,570	8,693,800	1,476,770	116.99%								
	ENTER ITEM 80 AND SUBTRACT	4,003,166	4,000,000	3,166									
	TOTAL ITEM 81 - 97	6,167,404	4,693,800	1,473,604	131.39%								

Item	Description	Annual Actual	Annual Original Budget	Variance Dollars	Variance Percent	Percent of Budget	Total Actual Project Cost	Total Budget Project Cost	Variance	Date Original Budget Start	Date Original Budget End	Date Actual Start	Date Actual End
BUDGET PROJECTS													
01-01	LEX - SECURITY SYSTEM IMPROVEMENT	\$ 20,998	\$ -	\$ 20,998	113.47%	0.00%	1,601,091	1,500,000	0	Jan-01	Dec-01	Apr-01	Dec-01
01-02	GROUND STORAGE TANK - 3.0 MG	\$ 756,646	\$ 666,850	\$ 89,796	114.52%	4.27%	1,601,091	1,500,000	101,091	Mar-01	Dec-03	Feb-01	Aug-04
01-03	SCADA IMPROVEMENTS	\$ 80,166	\$ 70,000	\$ 10,166		0.45%			0	Jan-01	May-03	Sep-02	Dec-05
01-04	SCOTT COUNTY MAINS	\$ 1,546	\$ -	\$ 1,546		0.00%			0	Jan-01	Dec-02	Jan-01	Oct-03
01-05	RUSSELL CAVE ROAD TANK - 1.0 MG	\$ 514,518	\$ 950,000	\$ (435,482)	54.16%	6.09%			0	Jan-01	Dec-04	Feb-01	Dec-05
01-10	RRS HYDRAULIC IMPROVEMENTS	\$ 6,215	\$ -	\$ 6,215		0.00%			0	Mar-01	Sep-02	Aug-01	Jun-03
01-11	NEW COLUMBUS PROJECT	\$ 98,865	\$ 150,000	\$ (51,135)	65.91%	0.96%	2,132,257	1,800,000	332,257	Oct-01	May-03	Feb-02	Dec-04
02-01	LEESTOWN ROAD MAIN IMPROVEMENTS	\$ 9,249	\$ 616,000	\$ (606,751)	1.50%	3.95%			0	Apr-02	Dec-03	Mar-02	Nov-02
02-02	2002 MAJOR HIGHWAY RELOCATIONS	\$ 412	\$ -	\$ 412		0.00%			0	Jan-02	Dec-02	Jan-02	Nov-02
02-03	REPLACE TRAVELLING SCREEN & HOUSING	\$ 761,060	\$ 450,000	\$ 311,060	169.12%	2.88%	773,246	450,000	323,246	Aug-02	Apr-03	Dec-03	Dec-04
02-04	SOURCE OF SUPPLY DEVELOPMENT	\$ -	\$ 241,730	\$ (241,730)	0.00%	1.55%			0	Apr-02	Dec-03	Jun-01	Dec-05
03-01	ELEVATED STORAGE TANK - 2.0 MG	\$ 480,216	\$ 1,100,000	\$ (619,784)	43.66%	7.05%			0	May-03	Dec-05	Jul-03	Dec-05
03-02	MAJOR HIGHWAY RELOCATIONS	\$ 130,943	\$ -	\$ 130,943		0.00%			0	Jan-03	Dec-05	Jan-03	Oct-03
03-03	ELECTRICAL & RELIABILITY IMPROVEMENTS	\$ 725,151	\$ 1,010,000	\$ (284,849)	71.80%	6.47%			0	Jan-03	Dec-05	Jan-03	Oct-03
04-02	MAJOR HIGHWAY RELOCATIONS	\$ 567,181	\$ 400,000	\$ 167,181	141.80%	2.56%			0	Jan-03	Dec-05	Jan-03	Dec-05
04-03	OWEN COUNTY MAIN EXTENSIONS	\$ -	\$ 60,000	\$ (60,000)	0.00%	0.38%			0	Jan-04	Dec-07	Oct-04	n/a
04-04	BUSINESS PROCESS EFFICIENCY PROJECT & ORCOM BUDGET	\$ -	\$ 1,190,593	\$ (1,190,593)	0.00%	7.63%			0	Jan-04	Dec-04	Jan-04	Jan-06
04-06	REPLACE FILTER MEDIA 3 & 4	\$ 274,466	\$ -	\$ 274,466		0.00%	275,760	250,000	25,760	Jan-04	Dec-04	Sep-04	Dec-04
92-12	BLUEGRASS WATER PROJECT	\$ 49,109	\$ -	\$ 49,109		0.00%			0	Mar-05	Jul-05	Sep-05	Dec-03
96-19	CUSTOMER SERVICE SOFTWARE	\$ 45,257	\$ -	\$ 45,257		0.00%			0	Jul-92	Dec-96	Nov-96	Dec-03
98-01	INTEGRATED RESOURCE PLAN	\$ 30,465	\$ -	\$ 30,465		0.00%			0	Feb-98	Sep-99	Feb-99	Dec-06
98-08	SURGE PROTECTION KRS	\$ 1,862	\$ -	\$ 1,862		0.00%			0	Apr-98	Nov-99	Aug-98	Dec-06
		\$ 4,554,325	\$ 6,905,173	\$ (2,350,848)	65.96%								

Kentucky American Water
Case No. 2007-00143
Construction Projects
As of 2003

Type of Filing: X Original Updated Revised
Worksheet Reference No(s):

Schedule I
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Witness Responsible:
Linda Bridwell

Item	Description	Annual Actual	Annual Original Budget	Variance Dollars	Variance Percent	Percent of Budget	Total Actual Project Cost	Total Budget Project Cost	Variance	Date Original Budget Start	Date Original Budget End	Date Actual Start	Date Actual End
BUDGET PROJECTS													
92-12	BLUEGRASS WATER PROJECT	61,504	0	61,504		0.00%	3,403,518	352,200	3,051,318	Jul-92	Dec-96	Sep-92	Dec-03
96-19	CUSTOMER SERVICE SOFTWARE	720,918	0	720,918		0.00%				Dec-96	Jun-99	Nov-96	Dec-03
98-01	INTEGRATED RESOURCE PLAN	56,613	0	56,613		0.00%				Sep-99	Sep-99	Feb-99	
98-08	SURGE PROTECTION KRS	1,693	0	1,693		0.00%				Apr-98	Nov-99	Aug-98	
98-09	UPGRADE CART WINCH KRS	140	0	140		0.00%				Feb-98	Nov-98	Aug-98	
01-02	GROUND STORAGE TANK - 3.0 MG	774,799	500,000	274,799	154.96%	3.81%				Dec-03	Dec-03	Feb-01	
01-04	SCADA IMPROVEMENTS	352,624	500,000	(147,376)	70.57%	3.81%				Jan-01	May-03	Sep-02	
01-05	SCOTT COUNTY MAINS	487,100	600,000	(112,900)	81.18%	4.57%	2,356,593	1,500,000	856,593	Jan-01	Dec-02	Jan-01	Oct-03
01-07	RUSSELL CAVE ROAD TANK - 1.0 MG	37,380	150,000	(112,620)	24.92%	1.14%				Jan-01	Dec-01	Feb-01	
01-10	MAJOR HIGHWAY RELOCATIONS	(5,551)	0	(5,551)		0.00%				Jan-01	Dec-01	Jan-01	Mar-02
01-11	RRS HYDRAULIC IMPROVEMENTS	504,665	450,000	54,665	112.15%	3.43%	1,651,323	1,600,000	51,323	Mar-01	Sep-02	Aug-01	Jan-03
02-01	LEESTOWN ROAD MAIN IMPROVEMENTS	1,387,929	770,000	617,929	180.25%	5.87%				Oct-01	May-03	Feb-02	
02-02	2002 MAJOR HIGHWAY RELOCATIONS	31,644	0	31,644		0.00%				Apr-02	Dec-03	Mar-02	
02-03	REPLACE TRAVELLING SCREEN & HOUSING	182,535	0	182,535		0.00%				Apr-02	Dec-02	Jan-02	Nov-02
02-04	SOURCE OF SUPPLY DEVELOPMENT	207	207,300	(207,300)	0.00%	0.00%				Aug-02	Apr-03	Dec-03	
03-01	ELEVATED STORAGE TANK - 2.0 MG	0	150,000	(150,000)	0.00%	1.14%				Apr-02	Dec-03	Jan-01	
03-02	MAJOR HIGHWAY RELOCATIONS	503,390	700,000	(196,610)	71.91%	5.33%	503,390	700,000	(196,610)	Jan-03	Dec-03	Jan-03	Oct-03
03-03	ELECTRICAL & RELIABILITY IMPROVEMENTS	7,229	400,000	(392,771)	1.81%	3.05%				Jan-03	Jul-04	Jun-03	
		5,104,819	4,422,300	672,519	115.36%	0.00%							

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Linda Bridwell

Item	Description	Annual Actual	Annual Original Budget	Variance Dollars	Variance Percent	Percent of Budget	Total Actual Project Cost	Total Budget Project Cost	Variance	Date Original Budget Start	Date Original Budget End	Date Actual Start	Date Actual End
92-12	INVESTMENT PROJECTS	225,705	212,100	13,605	106.41%	1.30%				Jul-92	Dec-96	Sep-92	Dec-03
96-19	BLUEGRASS WATER PROJECT	870,876	479,820	391,056	181.50%	2.95%	1,546,350	600,000	(946,350)	Dec-96	Jun-99	Nov-96	Dec-03
97-08	CUSTOMER SERVICE SOFTWARE	136,110	0	136,110	0.00%	0.00%				Dec-96	Oct-99	Nov-97	Jul-01
98-01	CHEMICAL SYSTEMS IMPROVEMENTS	100,998	0	100,998	0.00%	0.00%				Mar-97	Sep-99	Feb-99	Jul-01
98-05	INTEGRATED RESOURCE PLAN	94,489	0	94,489	0.00%	0.00%	280,500	320,000	39,500	Feb-98	Oct-98	Jun-99	Jul-01
98-08	4,000' OF 12" LEESTOWN ROAD	17,087	0	17,087	0.00%	0.00%				Apr-98	Nov-99	Aug-98	Jul-01
98-09	SURGE PROTECTION/KRS	1,254	0	1,254	0.00%	0.00%				Feb-98	Nov-98	Aug-98	Jul-01
98-12	UPGRADE CART WINCH AT INTAKE - KRS	61,650	700,000	(638,350)	8.81%	4.30%	1,159,682	2,000,000	(840,318)	Jan-97	Nov-97	Aug-98	Dec-01
99-07	CLARK COUNTY MAINS IMPROVEMENTS	27,079	0	27,079	0.00%	0.00%	935,228	916,000	19,228	Aug-99	Aug-00	Aug-99	Oct-01
99-08	BOURBON COUNTY MAIN EXTENSIONS	11,126	0	11,126	0.00%	0.00%	1,792,397	1,800,000	(7,603)	Aug-99	Dec-00	Aug-99	Dec-01
00-02	US 62 RELOCATION	377,404	0	377,404	0.00%	0.00%				Mar-00	Dec-00	Mar-00	Oct-02
00-03	PARIS PIKE RELOCATION	87,139	0	87,139	0.00%	0.00%	157,970	120,000	37,970	Nov-00	Dec-00	Nov-00	Nov-02
00-04	HARRISON COUNTY MAIN EXTENSION	18,737	0	18,737	0.00%	0.00%	659,244	350,000	309,244	Feb-00	Nov-00	Mar-00	Nov-02
00-05	RICHMOND ROAD RELOCATION	656,430	350,000	306,430	187.55%	2.15%				Mar-00	Dec-00	Mar-00	Nov-02
01-01	SECURITY SYSTEM IMPROVEMENTS	51,844	100,000	(48,156)	51.84%	0.61%				Jan-01	Dec-01	Apr-01	Dec-01
01-02	GROUND STORAGE TANK - 3.0 MG	58,572	94,000	(35,428)	62.31%	0.58%				Jan-01	Dec-01	Feb-01	Dec-01
01-03	SCADA IMPROVEMENTS	1,036,651	750,000	286,651	138.22%	4.60%				Mar-01	Dec-03	Feb-01	Dec-01
01-04	SCOTT COUNTY MAINS	8,222	150,000	(141,778)	5.48%	0.92%				Jan-01	Dec-02	Sep-02	Oct-03
01-05	RUSSELL CAVE ROAD TANK - 1.0 MG	237,405	150,000	87,405	158.07%	0.92%				Jan-01	Dec-02	Jan-01	Oct-03
01-06	KRS SLUICE GATE	992,648	1,050,000	(57,352)	94.54%	6.44%				Jan-01	Dec-01	Feb-01	Mar-02
01-07	MAJOR HIGHWAY RELOCATIONS	1,830,291	1,911,300	(81,009)	93.76%	11.73%				Aug-01	Dec-01	Aug-01	Mar-02
01-08	ACQUISITION OF TRI VILLAGE & ELK LAKE WATER	0	1,550,000	(1,550,000)	0.00%	9.51%				Aug-00	Aug-00	Jan-01	Mar-02
01-09	ACQUISITION OF SOUTH SHORE	112,695	0	112,695	0.00%	0.00%				Jul-01	Sep-02	Jul-01	Dec-02
01-10	RRS HYDRAULIC IMPROVEMENTS	0	0	0	0.00%	0.00%				Mar-01	Sep-02	Aug-01	Jan-03
01-11	TRIVILLAGE NEW COLUMBUS PROJECT	0	0	0	0.00%	0.00%				Oct-01	May-03	Aug-01	Jan-03
	GRAND TOTAL ITEM B-H TO IP'S	7,027,385	7,097,220	(469,835)	93.73%	0.00%						Feb-02	

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Project ID	Project Description	2,638,747	2,732,800	(94,053)	96.56%	15.99%	135,882	250,000	(114,118)	Jul-92	Dec-96	Sep-92	Oct-99
92-12	INVESTMENT PROJECTS												
96-02	DEVELOP OHIO RIVER SUPPLY	135,093	0	135,093	0.00%	0.00%	0	250,000	(114,118)	Jul-92	Sep-96	Sep-96	Oct-99
96-12	NEW CIRCLE ROAD AT WINCHESTER ROAD	317,159	1,400,000	(1,082,841)	22.65%	8.19%	1,400,000	250,000	(114,118)	Jan-96	Apr-96	Apr-96	Jan-00
96-17	KRS - ADDITIONAL RESIDUALS HANDLING FAC.	63,600	0	63,600	0.00%	0.00%	0	599,200	(20,732)	Jan-96	May-98	Feb-96	Jan-00
96-18	BUSINESS SYSTEMS SOFTWARE	294,898	0	294,898	0.00%	0.00%	0	599,200	(20,732)	Nov-96	Jul-98	Jun-97	Dec-99
96-19	AVON TANK AND BOOSTER PUMP	329,339	250,402	78,937	131.52%	1.46%	1,653,771	1,470,000	183,771	Oct-96	Jun-99	Oct-96	Dec-03
97-03	CUSTOMER SERVICE SOFTWARE	32,597	0	32,597	0.00%	0.00%	0	1,470,000	183,771	Dec-96	Jun-99	Nov-96	Dec-03
97-05	AIR GAPS ON KRS FILTER TO WASTE	(149,889)	0	(149,889)	0.00%	0.00%	0	1,510,000	(21,898)	Sep-97	Apr-98	Nov-97	Mar-00
97-08	SCOTT COUNTY MAINS	664,741	680,000	64,741	110.79%	3.51%	1,488,102	1,510,000	(21,898)	Mar-97	Dec-98	Jun-97	Dec-99
98-01	CHEMICAL SYSTEMS IMPROVEMENTS	109,639	150,000	(40,361)	73.09%	0.88%	0	1,510,000	(21,898)	Mar-97	Oct-99	May-97	Jul-01
98-02	INTEGRATED RESOURCE PLAN	2,720	950,000	(947,280)	0.29%	0.00%	0	980,000	(980,000)	Feb-98	Sep-99	Feb-99	Jun-99
98-02	16" FROM CLAYS MILL TO HARRODSBURG ROAD	32,406	0	32,406	0.29%	0.00%	0	980,000	(980,000)	Feb-98	Sep-99	Apr-98	Jun-99
98-03	REPLACE HIGH SERVICE PUMP # 11	81,646	290,000	(208,354)	28.15%	1.70%	145,450	150,000	(4,550)	Jan-98	Oct-98	Sep-98	Apr-99
98-05	4,000' OF 12" LEESTOWN ROAD	9,393	0	9,393	0.00%	0.00%	89,300	125,000	(35,700)	Feb-98	Nov-99	Aug-98	Nov-99
98-06	DISINFECTION BYPRODUCT STUDY	8,493	100,000	(91,507)	8.49%	0.59%	0	125,000	(35,700)	Apr-98	Nov-99	Aug-98	Nov-99
98-08	SURGE PROTECTION/KRS	19,886	320,000	(300,114)	6.21%	1.87%	432,825	400,000	32,825	Feb-98	Nov-98	Aug-98	Oct-99
98-09	UPGRADE CART WINCH AT INTAKE - KRS	35,626	30,000	5,626	118.75%	0.18%	0	400,000	32,825	Jan-98	Dec-98	Mar-98	Oct-99
98-10	REINFORCE INTAKE STRUCTURE, PUMP REN. - KRS	627,567	361,000	266,567	173.84%	2.11%	57,800	400,000	32,825	Jan-98	Dec-98	Aug-98	Oct-99
98-12	CLARK COUNTY MAINS IMPROVEMENTS	73,454	300,000	(226,546)	24.48%	1.76%	0	1,300,000	(1,243,000)	Jun-97	Nov-97	Aug-98	Dec-01
99-01	NORTH BROADWAY REPLACEMENT	104,437	140,000	(35,563)	74.60%	0.82%	0	1,300,000	(1,243,000)	Mar-99	Jul-00	Feb-99	Dec-01
99-02	REPLACE FILTER VALVES @ KRS	680,198	750,000	(69,802)	90.69%	4.39%	577,905	530,000	47,905	Sep-99	Nov-99	Sep-99	Mar-00
99-03	SCOTT COUNTY MAINS	479,765	530,000	(50,235)	90.52%	3.10%	0	530,000	47,905	Feb-99	Dec-00	Mar-99	Aug-00
99-04	REPLACE TANK TELEMETRY WITH RADIO	153,689	230,000	(76,311)	66.82%	1.35%	0	400,000	15,473	Jan-99	Dec-99	Mar-99	Mar-00
99-05	ELECTRIC RENOVATIONS @ KRS, JACOBSON	415,473	400,000	15,473	103.87%	2.34%	415,473	400,000	15,473	Aug-99	Dec-99	Mar-99	Mar-00
99-06	REYNOLDS ROAD 24" RELOCATION	546,916	0	546,916	0.00%	0.00%	0	400,000	15,473	Jan-99	May-99	Mar-99	Dec-99
99-07	BOURBON COUNTY MAIN EXTENSIONS	736,211	0	736,211	0.00%	0.00%	0	400,000	15,473	Aug-99	Aug-00	Aug-99	Dec-99
99-08	US 62 RELOCATION	8,443,796	9,534,202	(1,090,406)	88.56%	0.00%	0	400,000	15,473	Aug-99	Dec-00	Aug-99	Dec-01
	GRAND TOTAL INVESTMENT PROJECTS	8,443,796	9,534,202	(1,090,406)	88.56%	0.00%	0	400,000	15,473	Aug-99	Dec-00	Aug-99	Dec-01

Kentucky American Water
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Type of Filing: X_Original Updated Revised
Worksheet Reference No(s):

Schedule 1
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Witness Responsible:
Linda Bridwell

Item	Annual Actual	Annual Original Budget	Variance Dollars	Variance Percent	Percent of Budget	Total Actual Project Cost	Total Budget Project Cost	Variance	Date Original Budget Start	Date Original Budget End	Date Actual Start	Date Actual End		
BUDGET PROJECTS														
92-12	1,482,517	2,100,000	(617,483)	70.60%	10.13%			0	Jul-92	Dec-96	Sep-92	Sep-96		
93-02	(112)	0	(112)		0.00%			0	1993	1996	Jul-94	Jul-94		
96-02	29,892	187,790	(157,898)	15.92%	0.91%		383,000	0	Sep-96	Sep-96	Apr-96	Apr-96		
96-03	33	0	33		0.00%			(383,000)	Nov-96	Nov-96	Mar-96	Mar-96		
96-12	161,538	2,335,000	(2,173,462)	6.92%	11.26%			0	Apr-96	May-98	Feb-96	Jan-00		
96-15	411,954	260,370	151,584	158.22%	1.26%	2,721,585	2,570,000	151,585	Jan-96	Dec-97	Apr-96	Dec-98		
96-17	187,029	268,000	(80,971)	69.79%	1.29%				Nov-96	Jul-98	Apr-97	Dec-99		
96-18	1,123,430	1,117,570	7,360	100.68%	3.39%				Jan-98	Jan-98	Oct-96	Dec-99		
96-19	570,774	550,227	20,547	103.73%	2.65%				Nov-96	Jun-99	Nov-96	Dec-03		
97-01	100,986	284,000	(183,014)	35.56%	1.37%	100,986	284,000	(183,014)	Dec-96	Dec-98	Feb-98	Jun-98		
97-02	84,450	99,130	(10,680)	89.23%	0.48%	314,324	325,000	(10,676)	Sep-97	Nov-97	Jun-97	Dec-98		
97-03	171,851	188,210	(16,359)	91.31%	0.91%				Sep-97	Apr-98	Nov-97	Mar-00		
97-04	2,916	18,530	(15,614)	15.74%	0.09%				Jul-97	Dec-97	Aug-97	Dec-97		
97-05	997,706	779,600	218,106	116.43%	3.76%				May-97	Dec-98	May-97	Dec-99		
97-08	383,925	297,000	86,925	95.60%	1.43%				Mar-97	Oct-99	May-97	Jul-01		
97-09	510,246	550,000	(39,754)	92.77%	2.65%	510,246	530,000	(39,754)	Jun-97	Nov-97	Jan-98	Dec-98		
98-01	0	175,000	(175,000)	0.00%	0.84%				Feb-98	Sep-99	Feb-99	Jan-99		
98-02	11,399	100,000	(88,601)	11.40%	0.48%				May-98	Dec-98	Apr-98	Jan-99		
98-03	113,944	150,000	(36,056)	75.36%	0.72%				Jan-98	Oct-98	Sep-98	Apr-99		
98-04	170,841	200,000	(29,159)	85.42%	0.96%	170,841	200,000	(29,159)	Aug-98	Sep-98	May-98	Jul-98		
98-05	0	320,000	(320,000)	0.00%	1.54%				Feb-98	Oct-98	Jan-99	Jul-01		
98-06	79,907	125,000	(45,093)	63.93%	0.60%				Jan-98	Dec-98	May-98	Nov-99		
98-07	196,380	337,500	(141,120)	58.19%	1.63%	196,380	337,500	(141,120)	Feb-98	Nov-99	May-98	Aug-98		
98-08	25,834	75,000	(49,166)	34.43%	0.36%				Apr-98	Nov-99	Aug-98	Aug-98		
98-09	45,120	160,000	(114,880)	28.20%	0.77%				Feb-98	Nov-99	Aug-98	Aug-98		
98-10	398,129	400,000	(1,871)	99.51%	1.93%	239,500	267,500	(28,000)	Jan-98	Dec-98	Mar-98	Oct-99		
98-11	239,512	267,500	(27,988)	89.54%	1.29%	239,500	267,500	(28,000)	Jan-98	Apr-98	Jan-98	Jun-98		
98-12	363,428	262,000	101,428	138.71%	1.26%				Jun-97	Nov-97	Aug-98	Dec-01		
GRAND TOTAL BUDGET PROJECTS											13,778,106	17,737,927	(3,959,823)	77.68%

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 2006

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
					START	END		
98-01	INTEGRATED RESOURCE PLAN	Completion delayed on source of supply.	657,269	350,000	2/98	9/99	2/99	12/06
05-02	RUSSELL CAVE ROAD MAIN - 34,000' OF 12" (343)	Construction bids favorable.	1,309,064	1,800,000	4/05	12/07	8/05	12/06
05-04	KRS IMPROVEMENTS	Bids favorable.	191,379	350,000	2/05	10/05	8/05	1/06
06-01	VALVE HOUSE UPGRADES AT KRS	Bids higher than anticipated.	462,866	350,000	1/06	12/06	1/06	12/06
	GRAND TOTAL COMPLETED BPS		\$2,620,578	\$2,850,000				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES FOR THE YEAR 2005

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
					START	END		
01-05	RUSSELL CAVE ROAD TANK - 1.0 MG	Property acquisition longer than anticipated.	1,755,786	1,300,000	1/01	12/04	2/01	12/05
03-01	ELEVATED STORAGE TANK - 2.0 MG	On schedule, construction costs higher than anticipated.	3,744,744	3,000,000	5/03	12/05	7/03	12/05
03-03	ELECTRICAL & RELIABILITY IMPROVEMENTS	Equipment delivery delayed on switchgear.	999,181	1,320,000	1/03	7/04	6/03	12/05
01-03	SCADA IMPROVEMENTS	Delay in completing programming.	675,097	650,000	1/01	5/03	9/02	12/05
	GRAND TOTAL COMPLETED BP'S		\$7,174,808	\$6,270,000				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES

FOR THE YEAR 2004

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
					START	END		
01-02	GROUND STORAGE TANK - 3.0 MG	Engineer's estimate was increased after design. Construction was delayed by change in project manager.	1,601,091	1,500,000	3/01	12/03	2/01	8/04
01-11	NEW COLUMBUS PROJECT	Project scope was expanded.	2,132,257	1,800,000	10/01	5/03	2/02	12/04
02-03	REPLACE TRAVELLING SCREEN & HOUSING	Bid exceeded estimate cost by \$220,000. Project scope was expanded by \$100,000 to include replacing trash rake which was scheduled for following year.	773,246	450,000	8/02	4/03	12/03	12/04
04-06	REPLACE FILTER MEDIA 3 & 4	Project was moved forward due to filter media deterioration. Project scope was expanded to include repair to filter bottom.	275,760	250,000	3/05	7/05	9/04	12/04
	GRAND TOTAL COMPLETED BPS		\$4,782,354	\$4,000,000				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES

FOR THE YEAR 2003

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST		ORIGINAL BUDGET		START	END
				START	END	START	END		
96-19	CUSTOMER SERVICE SOFTWARE	Project scope expanded to include national Call Center	3,403,518	12/96	6/99	11/96	12/03		
01-04	SCOTT COUNTY MAINS	Project scope expanded to complete Scott County service	2,356,593	1/01	12/02	1/01	10/03		
01-10	RRS HYDRAULIC IMPROVEMENTS	Project delayed by DOW approval, completed as proposed	1,651,323	3/01	9/02	8/01	6/03		
03-02	2003 MAJOR HIGHWAY RELOCATIONS	Project scope reduced by KYDOT	503,390	1/03	12/03	1/03	10/03		
	GRAND TOTAL COMPLETED BP'S		\$7,914,824						

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 2002

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
					START	END		
00-02	PARIS PIKE RELOCATION - DESIGN	Project completed as proposed - assessment work delayed completion	65,970	50,000	3/00	12/00	3/00	10/02
00-03	HARRISBURG ROAD RELOCATION - DESIGN	Project delayed by KYDOT	69,803	100,000	2/00	9/00	11/200	12/02
00-04	RICHMOND ROAD RELOCATION - DESIGN	Project scope expanded by KYDOT	121,461	94,000	3/00	11/00	3/200	11/02
01-06	KRS SLUICE GATES	Project completed as proposed	248,960	250,000	8/01	5/02	8/01	5/02
01-07	2001 MAJOR HIGHWAY RELOCATIONS	Project exceeded scope due to KYDOT	1,221,929	1,050,000	1/01	12/01	1/01	3/02
01-08	ACQUISITION OF TRI-VILLAGE/ELK LAKE WATER	Project completed as proposed	1,849,283	1,850,000	8/00	8/00	7/01	12/02
02-02	2002 MAJOR HIGHWAY RELOCATIONS	Project scope expanded by KYDOT	3,369,864	2,880,000	8/00	8/00	1/02	11/02
	GRAND TOTAL COMPLETED IPS		\$6,947,290	\$5,404,000				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 2001

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START		END	
					START	END	START	END	START	END
97-08	CHEMICAL SYSTEMS IMPROVEMENTS	Project scope was revised to include design & construction of chlorine scrubber	1,546,550	600,000	3/97	10/99	5/97	7/01		
98-05	4,000' OF 12" LEESTOWN ROAD	Project scope reduced by KYDOT	280,500	320,000	2/98	10/98	1/99	7/01		
98-12	CLARK COUNTY MAINS IMPROVEMENTS	Project scope was reduced to eliminate feed to Ford-Hampton area, bids were below estimate	1,159,682	2,000,000	6/97	11/97	8/98	12/01		
99-07	BOURBON COUNTY MAIN EXTENSIONS	Project costs exceeded estimates due to rock, project delayed waiting on property owners	935,238	916,000	8/99	8/00	8/99	10/01		
99-08	US 62 RELOCATION	Project completed as proposed	1,792,597	1,800,000	8/99	12/00	8/99	12/01		
00-05	HARRISON COUNTY MAIN EXTENSION	Project exceeded cost & delayed over easement negotiation, master meter vault sizing	157,970	120,000	11/00	11/00	11/00	9/01		
01-01	SECURITY SYSTEM IMPROVEMENTS	Project scope expanded after 9/11	659,244	350,000	1/01	12/01	4/01	12/01		
01-09	ACQUISITION OF SOUTH SHORE	Acquisition never completed	0	1,550,000	1/01	7/01				
	GRAND TOTAL COMPLETED IPS		\$6,531,771	\$7,656,000						

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 2000

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
					START	END		
96-12	KRS-ADDITIONAL RESIDUALS FACILITIES	Project cancelled - permit revised	624,258	4,800,000	1/96	5/98	2/96	1/00
97-03	FILTER TO WASTE SYSTEM - KRS	Project completed as proposed - project delayed by programming & materials delivery	286,636	250,000	9/97	4/98	2/99	3/00
99-02	REPLACE FILTER VALVES @ KRS	Project completed as proposed	131,023	140,000	9/99	11/99	9/99	3/00
99-03	SCOTT COUNTY MAINS	Project completed as proposed	1,491,202	1,500,000	2/99	12/00	3/99	8/00
99-04	REPLACE TANK TELEMETRY - KRS	Project completed as proposed - scope changed during const to improve oper.	576,538	530,000	1/99	12/99	2/99	2/00
99-05	ELECTRIC RENOVATIONS @ KRS, JACOBSON	Project completed as proposed	171,611	230,000	8/99	12/99	5/99	1/00
00-01	REBUILD UNDERDRAIN OF KRS FILTERS 5 & 6	Project completed as proposed - scope changed during const due to filter coating	227,152	212,000	3/00	5/00	1/00	4/00
	GRAND TOTAL COMPLETED IPS		\$3,508,440	\$7,662,000				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 1999

INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
				START	END		
96-02 NEW CIRCLE ROAD AT WINCHESTER ROAD	Project scope revised due to KYDOT redesign	135,882	250,000	1/96	9/96	4/96	10/99
96-17 BUSINESS SYSTEMS SOFTWARE	Project completed as proposed	578,468	599,200	11/96	7/98	1/97	12/99
96-18 AVON TANK AND BOOSTER PUMP	Project completed as proposed, electric work exceeded estimate	1,653,771	1,470,000	10/96	6/98	10/96	12/99
97-05 SCOTT COUNTY MAINS	Project completed as proposed - easement work delayed completion	1,488,102	1,510,000	5/97	12/98	6/97	12/99
98-02 16" FROM CLAYS MILL TO HARRODSBURG ROAD	Project cancelled due to Jessamine South Elkhorn moving vault	0	980,000	5/98	12/98	4/98	6/99
98-03 REPLACE HIGH SERVICE PUMP # 11	Project completed as proposed	145,450	150,000	1/98	10/98	9/98	4/99
98-06 DISINFECTION BYPRODUCT STUDY	Project completed as proposed, low turbidity delayed completion	89,300	125,000	1/98	12/98	5/98	11/99
98-10 REINFORCE INTAKE STRUCTURE, PUMP REN. - KRS	Project completed as proposed, manufacturer took longer than anticipated	432,825	400,000	1/98	12/98	3/98	10/99
99-01 NORTH BROADWAY REPLACEMENT	Project cancelled due to extremely high bids, will be done in the future	57,000	1,300,000	3/99	7/00	2/99	10/99
99-06 REYNOLDS ROAD 24" RELOCATION	Project completed as proposed, developer delayed construction	415,473	400,000	1/99	5/99	3/99	12/99
GRAND TOTAL COMPLETED IP'S		\$4,996,271	\$7,184,200				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 1998

INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		START	END
				START	END		
96-03 12.750' OF 12" WINCHESTER ROAD	Project cancelled	0	385,000	4/96	11/96	3/96	4/98
96-15 OFFICE RENOVATIONS AND IMPROVEMENTS	Project completed as proposed - scope revised to include HVAC	2,721,585	2,300,000	1/96	12/97	4/96	12/98
97-01 8.000' OF 12" - HARP INNIS ROAD	Project scope reduced for Paris Pike construction, favorable bids received	100,986	284,000	9/97	12/98	2/98	6/98
97-02 REPLACE SCADA RTU'S @ RRS	Project completed as proposed - equipment price changed significantly	314,324	235,000	10/97	11/97	6/97	12/98
97-09 BOONESBORO ACQUISITION	Project completed as proposed - closing delayed	510,246	550,000	6/97	11/97	1/98	12/98
98-04 REBUILD UNDERDRAINS - KRS FILTERS 9 & 10	Project completed as proposed	170,841	200,000	8/98	9/98	5/98	7/98
98-07 BETHLEHEMWARE ROAD EXTENSION	Project completed as proposed	196,380	337,500	2/98	11/98	5/98	8/98
98-11 RELOCATE 1,860' OF 24" - EXECUTIVE PARK	Project completed as proposed	239,500	267,550	1/98	4/98	1/98	6/98
GRAND TOTAL COMPLETED BPS		\$4,253,862	\$4,559,050				

KENTUCKY AMERICAN WATER - COMPARISON OF ACTUAL VS. BUDGETED CONSTRUCTION EXPENDITURES - FOR THE YEAR 1997

	INVESTMENT PROJECTS	EXPLANATION	ACTUAL PROJECT COST	ORIGINAL INVESTMENT PROJECT COST	ORIGINAL BUDGET		ORIGINAL BUDGET	
					START	END	START	END
90-07	INSTALL 17,500' OF 20" IN SOUTH END	Favorable bids received	1,038,000	1,211,000	3/90	12/90	4/95	9/97
95-09	KRS ACCESS ROAD	Project cancelled in June 1997 due to difficulty obtaining easment	0	100,000	2/95	5/95	--	--
96-01	15,000' OF 12" HOUSTON-ANTIOCH ROAD	Project scope shortened to accommodate road construction	440,200	750,000	8/96	11/97	10/96	12/97
96-08	HUME ROAD - AMH LANE REPLACEMENT	Project completed as proposed - delayed due to easements	154,000	150,000	3/96	7/96	1/96	8/97
96-10	6,200' OF 16" SOUTH BROADWAY	Project completed as proposed - revised cost due high bids	1,230,500	870,000	7/96	8/97	8/96	12/97
96-13	DECHLORINATION FACILITIES AT KRS	Project completed as proposed	92,545	100,000	3/96	8/96	5/96	2/97
96-14	8" - SPURR ROAD & BETHEL LANE	Project completed as proposed, favorable bids received	192,864	245,000	4/96	10/96	4/96	2/97
97-04	IMPROVEMENTS - PARKERS MILL BOOSTER	Project completed as proposed	92,000	100,000	7/97	12/97	8/97	12/97
97-06	PURCHASE FLOW MONITORING EQUIPMENT	Project completed as proposed, delayed due to equipment install	129,890	143,000	4/97	4/97	4/97	12/97
97-07	GEORGETOWN INTERCONNECTION	Project revised in scope	261,500	150,000	1/97	4/97	4/97	8/97
	GRAND TOTAL COMPLETED BP'S		\$3,631,499	\$3,819,000				