

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

Witness Responsible:

Linda Bridwell

8. Provide Kentucky-American's long-term construction planning program in effect as of the date of the filing of Kentucky-American's application.

Response:

Please see attached.

For the electronic version, refer to KAW_R_PSCDR1#8_052107.pdf.

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business I Kentucky
Revision C March 16, 2007
Description: Q 1 RP

Business Unit	Business Unit No.	Project Title	Overall Total	U.S. \$	U.S. \$	Prior	Total 2007	Total 2008	Total 2009	Total 2010	Total 2011
RECURRING PROJECTS											
Kentucky	xxxxxx80	Developer / Governmental Contributions	39,087,176				6,000,000	6,097,176	6,500,000	6,500,000	7,000,000
Kentucky	xxxxxx81	Network - Replacement / Renewal	12,932,608				3,130,348	802,260	2,250,000	2,250,000	2,250,000
Kentucky	xxxxxx82	Network - Extension	6,285,876				750,000	2,085,876	800,000	850,000	900,000
Kentucky	xxxxxx83	Hydrants - Replacement	890,000				40,000	125,000	150,000	175,000	200,000
Kentucky	xxxxxx84	Hydrants - New	3,501,807				519,999	641,808	560,000	560,000	600,000
Kentucky	xxxxxx85	Services - Replacement	7,342,318				600,510	641,808	1,400,000	1,500,000	1,600,000
Kentucky	xxxxxx86	Services - New	6,394,580				1,300,564	1,283,616	1,400,000	1,400,000	1,500,000
Kentucky	xxxxxx87	Meters - Replacement	6,273,640				1,150,474	1,123,166	1,000,000	1,000,000	1,000,000
Kentucky	xxxxxx88	Meters - New	7,068,451				1,150,237	1,123,166	1,000,000	1,000,000	1,200,000
Kentucky	xxxxxx89	ITS Equipment and Systems	777,678				135,000	240,678	102,000	100,000	100,000
Kentucky	xxxxxx90	Offices and Operations Centers	560,452				80,000	160,452	80,000	80,000	80,000
Kentucky	xxxxxx91	Vehicles	2,270,755				505,868	481,358	327,932	318,630	318,469
Kentucky	xxxxxx92	Tools and Equipment	1,000,552				155,100	160,452	170,000	170,000	175,000
Kentucky	xxxxxx93	Process Plant - Replacements	4,303,760				751,500	802,260	650,000	700,000	708,000
Kentucky	xxxxxx94	Process Plant - Additions	600,000						150,000	150,000	160,000
Kentucky	xxxxxx95	Treatment Media Replacement and Process Reh									
Kentucky	xxxxxx96	Tank Rehabilitation / Painting (capitalized)									
Kentucky	xxxxxx97	Comprehensive Planning Studies	360,000				50,000	80,226	50,000	50,000	100,000
		Total Recurring Projects	102,099,879				16,320,000	15,849,300	16,799,880	17,023,630	18,053,469
Total Acquisitions											
Kentucky		CENTRALLY SPONSORED PROJECTS									
Kentucky		Enterprise Wide System Enhancement 2007	177,707				177,707	117,344			
Kentucky		Enterprise Wide System Enhancement 2008	117,344					117,344	150,000		
Kentucky		Enterprise Wide System Enhancement 2009	150,000								
Kentucky		Enterprise Wide System Enhancement 2010	417,175								
Kentucky		Enterprise Wide System Enhancement 2011	2,078,229								
Kentucky		Enterprise Wide System Enhancement Post 2011	2,128,861								
		Total Centrally Sponsored Projects	4,881,609				177,707	117,344	150,000	417,175	2,078,229
INVESTMENT PROJECTS											
Kentucky	12320507	Owenton Acquisition Water 2008	117,985				117,985				
Kentucky	12320507	Owenton Acquisition Water 2007	50,000				50,000				
Kentucky	12320507	Owenton Acquisition Water 2008	824,836					824,836			
Kentucky	12320507	Owenton Acquisition Water 2009	99,500						99,500		
Kentucky	12320507	Owenton Acquisition Water 2010	79,500							79,500	
Kentucky	12320507	Owenton Acquisition sewer									
Kentucky	12320403	Owen County Main Extensions (343)	1,544,000				828,000				
Kentucky	12020404	STEP Project	955,250				-278				
Kentucky	12020607	UV Installation - KRS/RRS (332)	150,000								
Kentucky	12020204	New WTP on Pool 3 of KY River	135,197,000				3,917,000	38,273,666	52,815,666	40,390,668	
Kentucky	12020402	Source of Supply Development Project (343)	1,606,059				1,114,587				
Kentucky		Major Highway Relocations (343) 2006	1,574,613				89,541				
Kentucky		Major Highway Relocations (343) 2007	5,053,479				5,053,479				
Kentucky		Major Highway Relocations (343) 2008	1,300,000					1,300,000			
Kentucky		Major Highway Relocations (343) 2009	1,000,000						1,000,000		
Kentucky		Major Highway Relocations (343) 2010	1,000,000							1,000,000	
Kentucky		Major Highway Relocations (343) 2011	500,000								500,000
Kentucky	12020505	Replace Trac-Vac System at RRS (332)	604,730			341	604,389				
Kentucky	12020506	Sludge Handling Improvements - RRS (332)	1,448,634			12,041	1,436,593				
Kentucky	12020502	Russell Cave Road Main - 34,000' of 12" (343)	411,457			391,457	20,000				
Kentucky	12330604	SCADA - Owen County	122,477				122,477				
Kentucky	12020606	Replace Parkers Mill Pump and Diesel	717,600				717,600				
Kentucky	12020605	Melland Point Pressure Improvements	25,368				25,368				
Kentucky	12020501	Ground Storage Tank - 3.0 MG (342)	1,725,000								
Kentucky		Incline Car Replacement @KRS (311)	1,150,000								
Kentucky		KRS Clearway Improvements (332)	150,000					900,000			
Kentucky		North Broadway Main Replacement (343)	2,900,000								
Kentucky		North Upper Street Main Replacement Project (343)	1,050,000								
Kentucky		Install 22,700' 12" in Todd's and Cleveland Rd	2,450,000								
Kentucky	12020601	Valve House Upgrades at KRS (332)	60,735				60,735				
Kentucky	12020201	Leestown Road Main Improvements (343)	127,544				1,677				
Kentucky	12020105	Russell Cave Road Tank - 1.0 MG (342)	1,506,602			125,867	1,506,602				
Kentucky	12020301	Elevated Storage Tank - 2.0 MG (342)	3,513,126			3,513,126					
Kentucky	12020303	Electrical Reliability upgrades / System Reliability	989,486			989,486					
Kentucky	12020602	KRS Filter Media Replacement - Hyd 3 & 4 (332)									
Kentucky		Yamallion Road Main (343)	400,000				50,000				
Kentucky	12500503	Mechanical Upgrades - KRS Valve Houses	199,892								
Kentucky	12020504	Rockwell Village Wastewater Pipeline									
Kentucky		KRS Valve Mechanical Improvement						350,000			

STRATEGIC CAPITAL EXPENDITURE PLAN
PROGRAM

Business 1 Kentucky
Revision C March 16, 2007
Description Q 1 RF

Business Unit	Business Unit No.	Project Title	Overall Total	5-Year Total	Prior	Total 2007	Total 2008	Total 2009	Total 2010	Total 2011
Kentucky	12020508	Reliability Improvements Phase 1	4,601,479		944,837	3,656,642				
Kentucky	12020508	Reliability Improvements Phase 2	1,000,000	1,000,000		100,000	1,000,000			
Kentucky		KY NRW	100,000							
Kentucky		Energy Efficiency								
Kentucky	12010703	Security	40,000			40,000				
Kentucky	12020813	SCADA	850,000	750,000		100,000	750,000		30,000	800,000
Kentucky		Highway Relocation - Clays Mill	1,660,000	1,660,000						
Kentucky		Install 19,000'-12" along I-75	3,440,000	3,440,000						
Kentucky		Owenton WTP Improvements	1,820,000	1,820,000					80,000	850,000
Kentucky		Install 16,000'-12 Russel Cave Rd	1,660,000	1,660,000					50,000	780,000
Kentucky		Install 14,700'-12" & 3,800'-8" Greenwch Rd	6,000,000	6,000,000						
Kentucky		Install 43,000'-30	2,300,000	2,300,000						
Kentucky		Install Emergency Power	-617,307			-617,307				
Kentucky		Non Budgeted Ips	-4,087			-4,087				
Kentucky		Adjustment								
Kentucky										
Kentucky										
Kentucky										
Kentucky										
Kentucky										
Kentucky										
		Total Investment Projects	193,455,412	164,338,836	11,331,941	17,784,636	45,748,502	64,790,166	42,810,168	4,250,000
		Total Investment and Centrally Sponsored Proj	198,524,728	169,239,448	11,331,941	17,962,343	45,865,846	64,940,166	43,227,343	6,328,228