

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2008-00427
ATTORNEY GENERAL'S FIRST REQUEST FOR INFORMATION

Witness: Keith Cartier

40. For each of the past 5 years as well as for the base period and forecasted period, provide the following information:
- a. Total MG quantity of water treated by KAWC.
 - b. Total MG system delivery numbers.
 - c. Total MG consumption numbers.
 - d. Total MG non-revenue water, in total and broken down by components, such as flushing, unaccounted for water, etc.

Response:

- a. Total MG quantity of water treated by KAWC.

2003	15,344.100MG
2004	15,347.200MG
2005	16,387.850MG
2006	15,533.901MG
2007	16,215.404MG
Forecast Period	16,346.371MG (6/2009-5/2010)
Base Period	16,163.609MG (2/2008-1/2009-10 months actual/two months budget)
- b. Total MG system delivery numbers.

2003	14,492.088MG
2004	14,931.209MG
2005	16,068.331MG
2006	15,618.837MG
2007	16,097.994MG
Forecast Period	15,845.207MG (6/2009-5/2010)
Base Period	15,730.646MG (2/2008-1/2009-10 months actual/two months budget)
- c. Total MG consumption numbers.

2003	12,514.487MG
2004	12,299.153MG
2005	13,635.982MG
2006	12,727.217MG
2007	13,829.679MG
Forecast Period	13,382.095MG (6/2009-5/2010)

Base Period 13,540.166MG (2/2008-1/2009-10 months
actual/two months budget)

- d. Total MG non-revenue water, in total and broken down by components, such as flushing, unaccounted for water, etc.

Kentucky American Water					
Total MG Non-Revenue Water					
	2003	2004	2005	2006	2007
Other	4,347	2,729	1,589	20,415	51,151
Utility Use	8,462	18,674	20,617	23,869	20,695
Line Breaks	75,265	101,196	158,292	244,811	262,635
Flushing	130,971	224,886	138,306	104,626	107,887
Fire Dept	1,477	1,741	2,178	1,754	1,825
Apparent Water Loss	1,757,079	2,282,830	2,111,367	2,496,145	1,824,122
Total NRW	1,977,601	2,632,056	2,432,349	2,891,620	2,268,315

For the electronic version, refer to KAW_R_AGDR1#40_122308.pdf.

Supplemental Response:

- d. See the attached schedule. The six months actual of the base period is broken down into the various components. However, the budget is not segregated by categories. Therefore, the six months budget of the base period and the forecasted period is shown as total non-revenue water loss.

For the electronic version, refer to KAW_SR_AGDR1#40_010709.pdf.

Kentucky American Water
 NRW (1,000 gallons)
 AGDR1#40d

	8-Feb	8-Mar	8-Apr	8-May	8-Jun	8-Jul	Six mo actual Total	8-Aug	8-Sep	8-Oct	8-Nov	8-Dec	9-Jan	Six mo budget Total	Base Period NRW Water Loss	Forecast NRW Water Loss
Water produced	1,108,067	1,167,746	1,163,768	1,272,502	1,407,839	1,561,583	7,681,505	1,429,499	1,436,660	1,347,335	1,133,666	1,057,136	1,107,643	7,511,939	15,193,444	15,845,207
NRW:																
Utility and Water treatment Plant	1,392	1,332	2,599	1,335	1,642	1,767	10,067									
System Flushing	10,913	10,874	13,149	9,632	14,826	22,333	81,727									
Fire Department	28	28	74	21	126	755	1,032									
Other	6,464	7,356	18,190	5,673	2,230	774	40,687									
Line Breaks	39,578	42,076	45,607	63,802	76,145	75,131	342,339									
Line Leaks	64,234	220,014	156,562	162,647	187,565	198,326	989,348									
Total Water Loss	122,609	281,680	236,181	243,110	282,534	299,086	1,465,200	264,457	265,762	249,257	209,728	195,570	172,792	1,357,587	2,822,787	2,471,852
NRW Loss Percentage	11.07%	24.12%	20.29%	19.10%	20.07%	19.15%	19.07%	18.50%	18.50%	18.50%	18.50%	18.50%	15.60%	18.07%	18.58%	15.60%