

**KENTUCKY–AMERICAN WATER COMPANY**  
**Case No. 2008-00427**  
**Forecasted Test Period Ending May 31, 2010**

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**Kentucky-American Water Company**  
**Deferred Taxes and Regulatory Assets/Liabilities**  
**Related to UPIS Investment**  
**CASE NO: 2008-00427**

| Month        | Change in Balances |             | Net Change | Deferred    |             | Deferred SII | Deferred FIT | Total Deferred Taxes | Regulatory Assets/Liab |
|--------------|--------------------|-------------|------------|-------------|-------------|--------------|--------------|----------------------|------------------------|
|              | Book Basis         | Tax Basis   |            | SIT Expense | FIT Expense |              |              |                      |                        |
| Balance 7/08 |                    |             |            |             |             |              |              |                      |                        |
| Aug-08       | \$9,188,219        | \$8,765,631 | \$422,587  | \$25,355    | \$139,031   | \$4,231,868  | \$28,447,908 | 32,679,776           | (4,703,114)            |
| Sep-08       | 2,678,460          | 2,062,604   | 615,856    | 36,951      | 202,617     | 4,257,223    | 28,586,939   | 32,844,162           | (4,730,094)            |
| Oct-08       | 894,713            | 192,336     | 702,377    | 42,143      | 231,082     | 4,294,174    | 28,789,556   | 33,083,730           | (4,771,020)            |
| Nov-08       | 916,593            | 93,027      | 823,566    | 49,414      | 270,953     | 4,386,317    | 29,020,638   | 33,356,955           | (4,823,079)            |
| Dec-08       | 2,130,613          | 1,120,133   | 1,010,480  | 60,629      | 332,448     | 4,446,360    | 29,291,591   | 34,070,399           | (4,887,082)            |
| Jan-09       | 1,649,976          | 449,583     | 1,200,393  | 72,024      | 394,929     | 4,518,384    | 30,018,968   | 34,537,352           | (5,042,351)            |
| Feb-09       | (250,093)          | (1,510,593) | 1,260,500  | 75,630      | 414,704     | 4,594,014    | 30,433,672   | 35,027,686           | (5,141,740)            |
| Mar-09       | 342,928            | (1,010,340) | 1,353,268  | 81,196      | 445,225     | 4,675,210    | 30,878,897   | 35,554,107           | (5,259,006)            |
| Apr-09       | 165,780            | (1,296,823) | 1,462,603  | 87,756      | 481,196     | 4,762,966    | 31,360,093   | 36,123,059           | (5,392,661)            |
| May-09       | (231,372)          | (1,758,459) | 1,527,087  | 91,625      | 502,412     | 4,854,591    | 31,862,505   | 36,717,096           | (5,543,522)            |
| Jun-09       | 3,122,199          | 134,911     | 2,987,288  | 179,237     | 982,818     | 5,033,828    | 32,845,323   | 37,879,151           | (5,541,599)            |
| Jul-09       | 2,805,936          | 2,891,919   | (85,983)   | (5,159)     | (28,288)    | 5,028,669    | 32,817,035   | 37,845,704           | (5,552,779)            |
| Aug-09       | 41,318             | 132,217     | (90,899)   | (5,454)     | (29,906)    | 5,023,215    | 32,787,129   | 37,810,344           | (5,575,740)            |
| Sep-09       | 334,311            | 346,868     | (12,556)   | (753)       | (4,131)     | 5,022,462    | 32,782,998   | 37,805,460           | (5,617,469)            |
| Oct-09       | 931,329            | 923,957     | 7,372      | 442         | 2,426       | 5,022,904    | 32,785,424   | 37,808,328           | (5,670,831)            |
| Nov-09       | 538,911            | 466,544     | 72,368     | 4,342       | 23,809      | 5,027,246    | 32,809,233   | 37,836,479           | (5,741,631)            |
| Dec-09       | 1,947,952          | 1,869,979   | 77,973     | 4,678       | 25,653      | 5,031,924    | 32,834,886   | 37,866,810           | (5,818,253)            |
| Jan-10       | 2,231,169          | 2,110,515   | 120,654    | 7,239       | 39,695      | 5,039,163    | 32,874,581   | 37,913,744           | (5,909,684)            |
| Feb-10       | (348,117)          | (501,437)   | 153,321    | 9,199       | 50,443      | 5,048,362    | 32,925,024   | 37,973,386           | (6,010,762)            |
| Mar-10       | 254,062            | 90,531      | 163,531    | 9,812       | 53,802      | 5,058,174    | 32,978,826   | 38,037,000           | (6,129,699)            |
| Apr-10       | 38,190             | (143,465)   | 181,656    | 10,899      | 59,765      | 5,069,073    | 33,038,591   | 38,107,664           | (6,262,981)            |
| May-10       | (999,285)          | (1,238,318) | 239,033    | 14,342      | 78,642      | 5,083,415    | 33,117,233   | 38,200,648           | (6,415,897)            |

Forecasted Deferred Tax Expense UPIS

|   |             |              |              |  |  |  |  |  |              |
|---|-------------|--------------|--------------|--|--|--|--|--|--------------|
|   | \$228,824   | \$1,254,728  |              |  |  |  |  |  |              |
| Balance Deferred Income Taxes - End of Base Period        | \$4,518,384 | \$30,018,968 | \$34,537,352 |  |  |  |  |  | \$29,495,000 |
| Balance Deferred Income Taxes - End of Forecasted Period  | \$5,083,415 | \$33,117,233 | \$38,200,648 |  |  |  |  |  | \$31,784,750 |
| Average Balance Deferred Income Taxes - Forecasted Period | \$5,026,386 | \$32,804,522 | \$37,830,908 |  |  |  |  |  | \$32,000,843 |

Total Def Taxes

| Kentucky-American Water Company |                             |                        |                |            |           |                      |               |             |                          |                 |             |  |
|---------------------------------|-----------------------------|------------------------|----------------|------------|-----------|----------------------|---------------|-------------|--------------------------|-----------------|-------------|--|
| Book Basis Property             |                             |                        |                |            |           |                      |               |             |                          |                 |             |  |
| CASE NO: 2008-00427             |                             |                        |                |            |           |                      |               |             |                          |                 |             |  |
| Book Basis:                     |                             |                        |                |            |           |                      |               |             |                          |                 |             |  |
|                                 | Utility Plant<br>in Service | Accumulated<br>Reserve | Equity         | Plant Flow | Other     | Customer<br>Advances | CIAC          | ITC         | Deferred Taxes<br>Excess | Gross-up<br>ITC | Total       |  |
| Account                         | 101000                      | 108xxx                 | 186030/035/055 | 186040     | 186045    | 252xxx               | 271xxx/272000 | 255xxx      | 256212/256220            | 256310/311/312  |             |  |
| Balance 7/08                    | 353,993,174                 | (82,625,359)           | 3,068,001      | 3,842,248  | (463,185) | (13,978,729)         | (45,690,332)  | (1,168,347) | (1,080,689)              | (663,260)       | 215,233,523 |  |
| Net Change                      | 9,737,900                   | (650,724)              | 46,992         | (35,500)   | 2,008     | 95,291               | (28,296)      | 7,068       | 9,438                    | 4,041           | 9,188,219   |  |
| Aug-08                          | 363,731,074                 | (83,276,083)           | 3,114,993      | 3,806,748  | (461,177) | (13,883,438)         | (45,718,628)  | (1,161,279) | (1,071,251)              | (659,219)       | 224,421,741 |  |
| Net Change                      | 3,308,627                   | (652,171)              | 60,940         | (35,500)   | 2,009     | (37,794)             | (11,806)      | 7,066       | 9,437                    | 4,040           | 2,678,460   |  |
| Sep-08                          | 367,039,701                 | (83,928,254)           | 3,175,933      | 3,771,248  | (459,168) | (13,921,232)         | (45,706,822)  | (1,154,213) | (1,061,814)              | (655,179)       | 227,100,201 |  |
| Net Change                      | 206,940                     | 595,417                | 72,075         | (35,500)   | 2,008     | 22,861               | 10,370        | 7,067       | 9,436                    | 4,039           | 894,713     |  |
| Oct-08                          | 367,246,641                 | (83,332,837)           | 3,248,009      | 3,735,748  | (457,160) | (13,898,371)         | (45,696,452)  | (1,147,146) | (1,052,378)              | (651,140)       | 227,994,915 |  |
| Net Change                      | 1,360,482                   | (646,684)              | 84,017         | (35,500)   | 2,008     | 96,364               | 35,362        | 7,066       | 9,438                    | 4,040           | 916,593     |  |
| Nov-08                          | 368,607,123                 | (83,979,522)           | 3,332,026      | 3,700,248  | (455,152) | (13,802,007)         | (45,661,090)  | (1,140,080) | (1,042,948)              | (647,100)       | 228,911,508 |  |
| Net Change                      | 1,178,681                   | 911,591                | 93,145         | (35,500)   | 2,007     | (67,674)             | 27,818        | 7,067       | 9,437                    | 4,041           | 2,130,613   |  |
| Dec-08                          | 369,785,804                 | (83,067,931)           | 3,425,172      | 3,664,748  | (453,145) | (13,869,681)         | (45,633,272)  | (1,133,013) | (1,033,503)              | (643,059)       | 231,042,121 |  |
| Net Change                      | 2,348,570                   | (673,449)              | 105,137        | (38,487)   | 2,010     | (151,296)            | 36,947        | 7,066       | 9,438                    | 4,040           | 1,649,976   |  |
| Jan-09                          | 372,134,374                 | (83,741,381)           | 3,530,309      | 3,626,261  | (451,135) | (14,020,977)         | (45,596,325)  | (1,125,947) | (1,024,065)              | (639,019)       | 232,692,097 |  |
| Net Change                      | 652,478                     | (665,225)              | 122,388        | (38,487)   | 2,009     | (395,974)            | 52,172        | 7,067       | 9,437                    | 4,041           | (250,093)   |  |
| Feb-09                          | 372,786,852                 | (84,406,605)           | 3,652,698      | 3,587,774  | (449,126) | (14,416,951)         | (45,544,153)  | (1,118,880) | (1,014,628)              | (634,978)       | 232,442,004 |  |
| Net Change                      | 1,062,555                   | (661,111)              | 140,268        | (38,487)   | 2,008     | (99,736)             | (83,113)      | 7,066       | 9,437                    | 4,040           | 342,928     |  |
| Mar-09                          | 373,849,407                 | (85,067,716)           | 3,792,966      | 3,549,287  | (447,118) | (14,516,687)         | (45,627,266)  | (1,111,814) | (1,005,191)              | (630,938)       | 232,784,932 |  |
| Net Change                      | 745,109                     | (619,682)              | 158,656        | (38,487)   | 2,008     | (105,208)            | 4,841         | 7,066       | 9,437                    | 4,040           | 165,780     |  |
| Apr-09                          | 374,594,516                 | (85,687,398)           | 3,949,623      | 3,510,800  | (445,110) | (14,621,895)         | (45,622,425)  | (1,104,748) | (995,542)                | (626,898)       | 232,950,712 |  |
| Net Change                      | 618,691                     | (593,196)              | 173,861        | (38,487)   | 2,009     | (430,950)            | 16,154        | 7,068       | 9,437                    | 4,041           | (231,372)   |  |
| May-09                          | 375,213,207                 | (86,280,594)           | 4,123,484      | 3,472,313  | (443,101) | (15,062,845)         | (45,606,271)  | (1,097,680) | (986,317)                | (622,857)       | 232,719,341 |  |
| Net Change                      | 3,991,933                   | (578,309)              | 21,079         | (38,487)   | 2,008     | (211,536)            | (85,030)      | 7,065       | 9,437                    | 4,039           | 3,122,199   |  |
| Jun-09                          | 379,205,140                 | (86,858,903)           | 4,144,564      | 3,433,826  | (441,093) | (15,264,381)         | (45,691,301)  | (1,090,615) | (976,880)                | (618,818)       | 235,841,540 |  |
| Net Change                      | 3,248,483                   | (619,344)              | 34,183         | (38,487)   | 2,008     | 136,406              | 22,146        | 7,065       | 9,437                    | 4,039           | 2,805,936   |  |
| Jul-09                          | 382,453,623                 | (87,478,247)           | 4,178,747      | 3,395,339  | (439,085) | (15,127,975)         | (45,669,155)  | (1,083,550) | (967,443)                | (614,779)       | 238,647,477 |  |
| Net Change                      | 624,370                     | (626,287)              | 45,960         | (38,487)   | 2,008     | 17,650               | (4,443)       | 7,068       | 9,438                    | 4,041           | 41,318      |  |
| Aug-09                          | 383,077,993                 | (88,104,534)           | 4,224,708      | 3,356,852  | (437,077) | (15,110,325)         | (45,673,598)  | (1,076,482) | (958,005)                | (610,738)       | 238,688,795 |  |
| Net Change                      | 1,094,233                   | (598,983)              | 64,732         | (38,487)   | 2,008     | (89,974)             | (19,760)      | 7,066       | 9,436                    | 4,040           | 334,311     |  |
| Sep-09                          | 384,172,226                 | (88,703,517)           | 4,289,440      | 3,318,365  | (435,069) | (15,200,299)         | (45,793,358)  | (1,069,416) | (948,569)                | (606,698)       | 239,023,107 |  |
| Net Change                      | 1,427,821                   | (623,494)              | 76,362         | (38,487)   | 2,008     | 37,816               | 28,758        | 7,067       | 9,437                    | 4,041           | 931,329     |  |
| Oct-09                          | 385,600,047                 | (89,327,011)           | 4,365,803      | 3,279,878  | (433,061) | (15,162,483)         | (45,764,600)  | (1,062,349) | (939,132)                | (602,657)       | 239,954,436 |  |
| Net Change                      | 1,127,097                   | (615,991)              | 93,802         | (38,487)   | 2,008     | (100,198)            | 50,137        | 7,068       | 9,437                    | 4,040           | 538,911     |  |
| Nov-09                          | 386,727,144                 | (89,943,002)           | 4,459,605      | 3,241,391  | (431,053) | (15,262,681)         | (45,714,463)  | (1,055,283) | (929,695)                | (598,617)       | 240,493,348 |  |
| Net Change                      | 3,233,616                   | (309,227)              | 99,621         | (38,487)   | 2,009     | (331,998)            | (728,127)     | 7,067       | 9,437                    | 4,041           | 1,947,952   |  |
| Dec-09                          | 389,960,760                 | (90,252,229)           | 4,559,227      | 3,202,904  | (429,044) | (15,594,679)         | (46,442,590)  | (1,048,216) | (920,258)                | (594,576)       | 242,441,300 |  |
| Net Change                      | 2,984,905                   | (742,616)              | 116,719        | (40,775)   | 2,009     | (151,617)            | 41,999        | 7,067       | 9,438                    | 4,040           | 2,231,169   |  |
| Jan-10                          | 392,945,665                 | (90,994,845)           | 4,675,946      | 3,162,129  | (427,035) | (15,746,296)         | (46,400,591)  | (1,041,149) | (910,820)                | (590,536)       | 244,672,470 |  |
| Net Change                      | 618,889                     | (735,766)              | 126,365        | (40,775)   | 2,009     | (396,607)            | 57,224        | 7,066       | 9,437                    | 4,041           | (348,117)   |  |
| Feb-10                          | 393,564,554                 | (91,730,611)           | 4,802,312      | 3,121,354  | (425,026) | (16,142,903)         | (46,343,367)  | (1,034,083) | (901,363)                | (586,495)       | 244,324,353 |  |
| Net Change                      | 1,054,853                   | (748,613)              | 144,227        | (40,775)   | 2,008     | (100,119)            | (78,062)      | 7,066       | 9,437                    | 4,040           | 254,062     |  |
| Mar-10                          | 394,619,407                 | (92,479,224)           | 4,946,539      | 3,080,579  | (423,018) | (16,243,022)         | (46,421,429)  | (1,027,017) | (891,946)                | (582,455)       | 244,578,416 |  |
| Net Change                      | 723,053                     | (729,634)              | 158,571        | (40,775)   | 2,008     | (105,470)            | 9,893         | 7,067       | 9,437                    | 4,040           | 38,190      |  |
| Apr-10                          | 395,342,460                 | (93,208,858)           | 5,105,111      | 3,039,804  | (421,010) | (16,348,492)         | (46,411,536)  | (1,019,950) | (882,509)                | (578,415)       | 244,616,606 |  |
| Net Change                      | 592,154                     | (695,818)              | 178,206        | (40,775)   | 2,009     | (431,755)            | (623,849)     | 7,067       | 9,437                    | 4,039           | (995,285)   |  |
| May-10                          | 395,934,614                 | (93,904,676)           | 5,283,317      | 2,999,029  | (419,001) | (16,780,247)         | (47,035,385)  | (1,012,883) | (873,072)                | (574,376)       | 243,617,322 |  |
| Net Change                      |                             |                        | (40,775)       | 2,008      | 0         | 0                    | 0             | 7,065       | 9,437                    | 4,040           | (18,225)    |  |
| Jun-10                          | 395,934,614                 | (93,904,676)           | 5,283,317      | 2,958,254  | (416,993) | (16,780,247)         | (47,035,385)  | (1,005,818) | (863,635)                | (570,336)       | 243,599,097 |  |

| Kentucky-American Water Company                            |                             |                        |                   |                                 |             |                      |                          |             |                |                                    |
|--|-----------------------------|------------------------|-------------------|---------------------------------|-------------|----------------------|--------------------------|-------------|----------------|------------------------------------|
| Book Basis Property  |                             |                        |                   |                                 |             |                      |                          |             |                |                                    |
| CASE NO: 2008-00427  |                             |                        |                   |                                 |             |                      |                          |             |                |                                    |
| Book Basis:  |                             |                        |                   |                                 |             |                      |                          |             |                |                                    |
|  | Utility Plant<br>in Service | Accumulated<br>Reserve | Equity<br>Grossup | Regulatory Assets<br>Plant Flow | Other       | Customer<br>Advances | CIAC                     | ITC         | Deferred Taxes | Regulatory Liabilities<br>Gross-up |
| Account  | 101000                      | 108xxx                 | 186030/035/055    | 186040                          | 186045      | 252xxx               | 271xxx/272000            | 255xxx      | 256212/256220  | 256310/311/312                     |
| <b>Kentucky-American Water Company</b>                     |                             |                        |                   |                                 |             |                      |                          |             |                |                                    |
| <b>Inverted Data for Calculation of Tax Basis Property</b> |                             |                        |                   |                                 |             |                      |                          |             |                |                                    |
|  |                             |                        | Net               |                                 |             |                      | Net Customer<br>Advances | Net<br>CIAC | Amort<br>CIAC  | Net                                |
| Month  | Bk Basis                    | Retirements            | Bk Basis          | Bk Depr                         | Retirements | Bk Reserve           |                          |             |                |                                    |
| Aug-08   | 9,795,118                   | 57,218                 | 9,737,900         | (707,942)                       | 57,218      | (650,724)            | 95,291                   | (134,500)   | 106,204        | (28,296)                           |
| Sep-08   | 3,993,682                   | 85,055                 | 3,908,627         | (737,226)                       | 85,055      | (652,171)            | (37,794)                 | (94,600)    | 106,406        | 11,806                             |
| Oct-08   | 1,539,583                   | 1,332,643              | 206,940           | (737,226)                       | 1,332,643   | 595,417              | 22,861                   | (96,300)    | 106,670        | 10,370                             |
| Nov-08   | 1,451,024                   | 90,542                 | 1,360,482         | (737,226)                       | 90,542      | (646,684)            | 96,364                   | (71,400)    | 106,762        | 35,362                             |
| Dec-08   | 2,827,498                   | 1,648,817              | 1,178,681         | (737,226)                       | 1,648,817   | 911,591              | (67,674)                 | (79,200)    | 107,018        | 27,818                             |
| Jan-09   | 2,412,347                   | 63,777                 | 2,348,570         | (737,226)                       | 63,777      | (673,449)            | (151,296)                | (70,200)    | 107,147        | 36,947                             |
| Feb-09   | 728,683                     | 76,205                 | 652,478           | (741,430)                       | 76,205      | (665,225)            | (395,974)                | (55,000)    | 107,172        | 52,172                             |
| Mar-09   | 1,142,874                   | 80,319                 | 1,062,555         | (741,430)                       | 80,319      | (661,111)            | (99,736)                 | (191,500)   | 108,387        | (83,113)                           |
| Apr-09   | 868,969                     | 123,860                | 745,109           | (743,542)                       | 123,860     | (619,682)            | (105,208)                | (103,400)   | 108,241        | 4,841                              |
| May-09   | 770,714                     | 152,023                | 618,691           | (745,219)                       | 152,023     | (593,196)            | (430,950)                | (92,200)    | 108,354        | 16,154                             |
| Jun-09   | 4,165,536                   | 173,603                | 3,991,933         | (751,912)                       | 173,603     | (578,309)            | (211,536)                | (194,500)   | 109,470        | (85,030)                           |
| Jul-09   | 3,387,162                   | 138,679                | 3,248,483         | (758,023)                       | 138,679     | (619,344)            | 136,406                  | (88,200)    | 110,346        | 22,146                             |
| Aug-09   | 757,746                     | 133,376                | 624,370           | (759,663)                       | 133,376     | (626,287)            | 17,650                   | (115,100)   | 110,657        | (4,443)                            |
| Sep-09   | 1,257,650                   | 163,417                | 1,094,233         | (762,400)                       | 163,417     | (598,983)            | (89,974)                 | (230,900)   | 111,140        | (119,760)                          |
| Oct-09   | 1,570,067                   | 142,246                | 1,427,821         | (765,740)                       | 142,246     | (623,494)            | 37,816                   | (82,400)    | 111,158        | 28,758                             |
| Nov-09   | 1,279,172                   | 152,075                | 1,127,097         | (768,066)                       | 152,075     | (615,991)            | (100,198)                | (61,100)    | 111,237        | 50,137                             |
| Dec-09   | 3,698,760                   | 465,144                | 3,233,616         | (774,371)                       | 465,144     | (309,227)            | (331,998)                | (842,800)   | 114,673        | (728,127)                          |
| Jan-10   | 3,025,410                   | 40,505                 | 2,984,905         | (783,121)                       | 40,505      | (742,616)            | (151,617)                | (70,200)    | 112,199        | 41,999                             |
| Feb-10   | 667,526                     | 48,637                 | 618,889           | (784,403)                       | 48,637      | (735,766)            | (396,607)                | (55,000)    | 112,224        | 57,224                             |
| Mar-10   | 1,092,837                   | 37,984                 | 1,054,853         | (786,597)                       | 37,984      | (748,613)            | (100,119)                | (191,500)   | 113,438        | (78,062)                           |
| Apr-10   | 781,612                     | 58,559                 | 723,053           | (788,193)                       | 58,559      | (729,634)            | (105,470)                | (103,400)   | 113,293        | 9,893                              |
| May-10   | 685,719                     | 93,565                 | 592,154           | (789,383)                       | 93,565      | (695,818)            | (431,755)                | (742,200)   | 118,351        | (623,849)                          |
|  | 47,299,689                  | 5,358,249              | 41,941,440        | (16,637,566)                    | 5,358,249   | (11,279,317)         | (2,801,518)              | (3,765,600) | 2,420,547      | (1,345,053)                        |



| Kentucky-American Water Company                     |                     |                |                    |              |             |               |        |                |                        |     |             |
|---|---------------------|----------------|--------------------|--------------|-------------|---------------|--------|----------------|------------------------|-----|-------------|
| Tax Basis Property                                  |                     |                |                    |              |             |               |        |                |                        |     |             |
| CASE NO: 2008-00427                                 |                     |                |                    |              |             |               |        |                |                        |     |             |
| Tax Basis:  |                     |                |                    |              |             |               |        |                |                        |     |             |
| Utility Plant                                       |                     |                | Regulatory Assets  |              |             | Customer      |        |                | Regulatory Liabilities |     |             |
| in Service  | Accumulated Reserve | Equity Grossup | Plant Flow Through | Other        | Advances    | CIAC          | ITC    | Deferred Taxes | Gross-up               | ITC | Total       |
| 101000  | 108xxx              | 185030/035/055 | 185040             | 185045       | 252xxx      | 271xxx/272000 | 255xxx | 256212/256220  | 256310/311/312         |     |             |
| Net Change  | 929,935             | (839,404)      | 0                  | 0            | 0           | 0             | 0      | 0              | 0                      | 0   | 90,531      |
| Mar-10  | 317,566,767         | (195,151,933)  | 0                  | 0            | 0           | 0             | 0      | 0              | 0                      | 0   | 122,414,834 |
| Net Change  | 680,927             | (824,392)      |                    |              |             |               |        |                |                        |     | (143,465)   |
| Apr-10  | 318,247,694         | (195,976,325)  | 0                  | 0            | 0           | 0             | 0      | 0              | 0                      | 0   | 122,271,369 |
| Net Change  | (451,283)           | (787,035)      |                    |              |             |               |        |                |                        |     | (1,238,318) |
| May-10  | 317,796,411         | (196,763,360)  | 0                  | 0            | 0           | 0             | 0      | 0              | 0                      | 0   | 121,033,051 |
| Net Change  | 0                   | 0              |                    |              |             |               |        |                |                        |     | 0           |
| Jun-10  | 317,796,411         | (196,763,360)  | 0                  | 0            | 0           | 0             | 0      | 0              | 0                      | 0   | 121,033,051 |
|   |                     |                |                    |              |             |               |        |                |                        |     |             |
|   |                     |                |                    |              |             |               |        |                |                        |     |             |
|   |                     |                |                    |              |             |               |        |                |                        |     |             |
| Kentucky-American Water Company                     |                     |                |                    |              |             |               |        |                |                        |     |             |
| Inverted Data for Calculation of Tax Basis Property |                     |                |                    |              |             |               |        |                |                        |     |             |
| Net   |                     |                |                    |              |             |               |        |                |                        |     |             |
| Month   | Tx Basis            | Retirements    | Tx Basis           | Tx Depr      | Retirements | Net Reserve   |        |                |                        |     |             |
| Aug-08  | 9,833,366           | 57,218         | 9,776,148          | (1,067,735)  | 57,218      | (1,010,517)   |        |                |                        |     |             |
| Sep-08  | 3,284,023           | 85,055         | 3,198,968          | (1,221,419)  | 85,055      | (1,136,364)   |        |                |                        |     |             |
| Oct-08  | 1,477,728           | 1,332,643      | 145,085            | (1,285,392)  | 1,332,643   | 47,251        |        |                |                        |     |             |
| Nov-08  | 1,448,636           | 90,542         | 1,358,094          | (1,355,609)  | 90,542      | (1,265,067)   |        |                |                        |     |             |
| Dec-08  | 2,650,572           | 1,648,817      | 1,001,755          | (1,530,439)  | 1,648,817   | 118,378       |        |                |                        |     |             |
| Jan-09  | 2,137,944           | 63,777         | 2,074,167          | (1,688,361)  | 63,777      | (1,624,584)   |        |                |                        |     |             |
| Feb-09  | 190,177             | 76,205         | 113,972            | (1,700,770)  | 76,205      | (1,624,565)   |        |                |                        |     |             |
| Mar-09  | 780,512             | 80,319         | 700,193            | (1,790,852)  | 80,319      | (1,710,533)   |        |                |                        |     |             |
| Apr-09  | 582,064             | 123,860        | 458,204            | (1,878,887)  | 123,860     | (1,755,027)   |        |                |                        |     |             |
| May-09  | 139,438             | 152,023        | (12,585)           | (1,897,897)  | 152,023     | (1,745,874)   |        |                |                        |     |             |
| Jun-09  | 4,068,258           | 173,603        | 3,894,655          | (3,933,347)  | 173,603     | (3,759,744)   |        |                |                        |     |             |
| Jul-09  | 3,718,208           | 138,679        | 3,579,529          | (826,289)    | 138,679     | (687,610)     |        |                |                        |     |             |
| Aug-09  | 961,120             | 133,376        | 827,744            | (828,903)    | 133,376     | (695,527)     |        |                |                        |     |             |
| Sep-09  | 1,179,394           | 163,417        | 1,015,977          | (832,526)    | 163,417     | (669,109)     |        |                |                        |     |             |
| Oct-09  | 1,761,369           | 142,246        | 1,619,123          | (837,412)    | 142,246     | (695,166)     |        |                |                        |     |             |
| Nov-09  | 1,308,959           | 152,075        | 1,156,884          | (842,415)    | 152,075     | (690,340)     |        |                |                        |     |             |
| Dec-09  | 2,721,025           | 465,144        | 2,255,881          | (851,046)    | 465,144     | (385,902)     |        |                |                        |     |             |
| Jan-10  | 2,979,793           | 40,505         | 2,939,288          | (869,278)    | 40,505      | (828,773)     |        |                |                        |     |             |
| Feb-10  | 369,850             | 48,637         | 321,213            | (871,287)    | 48,637      | (822,650)     |        |                |                        |     |             |
| Mar-10  | 967,919             | 37,984         | 929,935            | (877,388)    | 37,984      | (839,404)     |        |                |                        |     |             |
| Apr-10  | 739,486             | 58,559         | 680,927            | (882,951)    | 58,559      | (824,392)     |        |                |                        |     |             |
| May-10  | (357,718)           | 93,565         | (451,283)          | (880,600)    | 93,565      | (787,035)     |        |                |                        |     |             |
|   | 42,942,123          | 5,358,249      | 37,583,874         | (28,750,801) | 5,358,249   | (23,392,552)  |        |                |                        |     |             |

| <b>Kentucky-American Water Company</b> |                |              |            |
|--|----------------|--------------|------------|
| <b>Equity Gross-up Detail</b>          |                |              |            |
| <b>CASE NO: 2008-00427</b>             |                |              |            |
|  |                |              |            |
| <u>Month</u>                           | <u>Grossup</u> | <u>Amort</u> | <u>Net</u> |
| Aug-08                                 | 52,938         | (5,946)      | 46,992     |
| Sep-08                                 | 66,886         | (5,946)      | 60,940     |
| Oct-08                                 | 78,021         | (5,946)      | 72,075     |
| Nov-08                                 | 89,963         | (5,946)      | 84,017     |
| Dec-08                                 | 99,091         | (5,946)      | 93,145     |
| Jan-09                                 | 111,083        | (5,946)      | 105,137    |
| Feb-09                                 | 128,334        | (5,946)      | 122,388    |
| Mar-09                                 | 146,214        | (5,946)      | 140,268    |
| Apr-09                                 | 162,602        | (5,946)      | 156,656    |
| May-09                                 | 179,807        | (5,946)      | 173,861    |
| Jun-09                                 | 27,025         | (5,946)      | 21,079     |
| Jul-09                                 | 40,129         | (5,946)      | 34,183     |
| Aug-09                                 | 51,906         | (5,946)      | 45,960     |
| Sep-09                                 | 70,678         | (5,946)      | 64,732     |
| Oct-09                                 | 82,308         | (5,946)      | 76,362     |
| Nov-09                                 | 99,748         | (5,946)      | 93,802     |
| Dec-09                                 | 105,567        | (5,946)      | 99,621     |
| Jan-10                                 | 122,665        | (5,946)      | 116,719    |
| Feb-10                                 | 132,311        | (5,946)      | 126,365    |
| Mar-10                                 | 150,173        | (5,946)      | 144,227    |
| Apr-10                                 | 164,517        | (5,946)      | 158,571    |
| May-10                                 | 184,152        | (5,946)      | 178,206    |
|  |                |              |            |

| Kentucky-American Water Company                   |                 | Amortization of Regulatory Assets and Liabilities |       | Amortization of Regulatory Assets and Liabilities |              | Amortization of Regulatory Assets and Liabilities |         | Amortization of Regulatory Assets and Liabilities |  | Amortization of Regulatory Assets and Liabilities |  | Amortization of Regulatory Assets and Liabilities |  |
|---|-----------------|---|-------|---|--------------|---|---------|---|--|---|--|---|--|
| Amortization of Regulatory Assets and Liabilities |                 | Amortization of Regulatory Assets and Liabilities |       | Amortization of Regulatory Assets and Liabilities |              | Amortization of Regulatory Assets and Liabilities |         | Amortization of Regulatory Assets and Liabilities |  | Amortization of Regulatory Assets and Liabilities |  | Amortization of Regulatory Assets and Liabilities |  |
| CASE NO: 2008-00427                               |                 | CASE NO: 2008-00427                               |       | CASE NO: 2008-00427                               |              | CASE NO: 2008-00427                               |         | CASE NO: 2008-00427                               |  | CASE NO: 2008-00427                               |  | CASE NO: 2008-00427                               |  |
| Month   | Equity Gross-up | Plant Flow Through                                | Other | Def Taxes   | ITC Gross-up | Additional Equity Gross-up                        | Total   | Balance   |  |   |  |   |  |
| Aug-08  | (5,946)         | (35,500)  | 2,008 | 9,438   | 4,041        | 52,938  | 26,979  | 4,703,114   |  |   |  |   |  |
| Sep-08  | (5,946)         | (35,500)  | 2,009 | 9,437   | 4,040        | 66,886  | 40,926  | 4,730,094   |  |   |  |   |  |
| Oct-08  | (5,946)         | (35,500)  | 2,008 | 9,436   | 4,039        | 78,021  | 52,058  | 4,771,020   |  |   |  |   |  |
| Nov-08  | (5,946)         | (35,500)  | 2,008 | 9,438   | 4,040        | 89,963  | 64,003  | 4,823,079   |  |   |  |   |  |
| Dec-08  | (5,946)         | (35,500)  | 2,007 | 9,437   | 4,041        | 99,091  | 73,130  | 4,887,082   |  |   |  |   |  |
| Jan-09  | (5,946)         | (38,487)  | 2,010 | 9,438   | 4,040        | 111,083   | 82,138  | 4,960,213   |  |   |  |   |  |
| Feb-09  | (5,946)         | (38,487)  | 2,009 | 9,437   | 4,041        | 128,334   | 99,388  | 5,042,351   |  |   |  |   |  |
| Mar-09  | (5,946)         | (38,487)  | 2,008 | 9,437   | 4,040        | 146,214   | 117,266 | 5,141,740   |  |   |  |   |  |
| Apr-09  | (5,946)         | (38,487)  | 2,008 | 9,437   | 4,040        | 162,602   | 133,654 | 5,259,006   |  |   |  |   |  |
| May-09  | (5,946)         | (38,487)  | 2,009 | 9,437   | 4,041        | 179,807   | 150,861 | 5,392,661   |  |   |  |   |  |
| Jun-09  | (5,946)         | (38,487)  | 2,008 | 9,437   | 4,039        | 27,025  | (1,924) | 5,543,522   |  |   |  |   |  |
| Jul-09  | (5,946)         | (38,487)  | 2,008 | 9,437   | 4,039        | 40,129  | 11,180  | 5,541,599   |  |   |  |   |  |
| Aug-09  | (5,946)         | (38,487)  | 2,008 | 9,438   | 4,041        | 51,906  | 22,960  | 5,552,779   |  |   |  |   |  |
| Sep-09  | (5,946)         | (38,487)  | 2,008 | 9,436   | 4,040        | 70,678  | 22,960  | 5,575,740   |  |   |  |   |  |
| Oct-09  | (5,946)         | (38,487)  | 2,008 | 9,437   | 4,041        | 82,308  | 41,729  | 5,617,469   |  |   |  |   |  |
| Nov-09  | (5,946)         | (38,487)  | 2,008 | 9,437   | 4,040        | 99,748  | 53,361  | 5,670,831   |  |   |  |   |  |
| Dec-09  | (5,946)         | (38,487)  | 2,009 | 9,437   | 4,041        | 105,567   | 70,800  | 5,741,631   |  |   |  |   |  |
| Jan-10  | (5,946)         | (40,775)  | 2,009 | 9,438   | 4,040        | 122,665   | 76,621  | 5,818,253   |  |   |  |   |  |
| Feb-10  | (5,946)         | (40,775)  | 2,009 | 9,437   | 4,041        | 132,311   | 91,431  | 5,909,684   |  |   |  |   |  |
| Mar-10  | (5,946)         | (40,775)  | 2,008 | 9,437   | 4,040        | 150,173   | 101,077 | 6,010,762   |  |   |  |   |  |
| Apr-10  | (5,946)         | (40,775)  | 2,008 | 9,437   | 4,040        | 164,517   | 118,937 | 6,129,699   |  |   |  |   |  |
| May-10  | (5,946)         | (40,775)  | 2,009 | 9,437   | 4,039        | 184,152   | 133,281 | 6,262,981   |  |   |  |   |  |
|   |                 |   |       |   |              |   | 152,916 | 6,415,897   |  |   |  |   |  |





| 1  | KENTUCKY-AMERICAN WATER COMPANY          |          |          |          |          |          |           |           |           |          |          |          |          |           |
|----|--|----------|----------|----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|
| 2  | 11/4/2008                                | Lookup   |          |          |          |          |           |           |           |          |          |          |          |           |
| 3  | 2008 STATE & FEDERAL INCOME TAX          |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 4  | REGULATORY ASSET AMORTIZATION            |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 5  |  | 2008     | 2008     | 2008     | 2008     | 2008     | 2008      | 2008      | 2008      | 2008     | 2008     | 2008     |          |           |
| 6  | Federal Income Tax Rate                  | JAN      | FEB      | MAR      | APR      | MAY      | JUN       | JUL       | AUG       | SEP      | OCT      | NOV      | DEC      |           |
| 7  | State Income Tax Rate                    |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 8  | Combined Income Tax Rate                 |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 9  |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 10 | Net Income                               | 453,504  | 583,435  | 269,144  | 899,457  | 283,544  | 874,177   | 1,268,389 | 1,399,066 | 0        | 0        | 0        | 0        | 5,960,696 |
| 11 | State Income Taxes                       | 48,108   | 59,122   | (50,081) | 27,248   | 66,786   | 191,643   | 112,713   | 140,521   | 0        | 0        | 0        | 0        | 596,060   |
| 12 | Federal Income Taxes                     | 278,752  | 334,112  | 162,233  | 78,329   | 604,959  | 495,787   | 464,896   | 791,168   | 0        | 0        | 0        | 0        | 3,210,236 |
| 13 | State Income Taxes                       | (2,781)  | (259)    | 655      | (631)    | (1,070)  | (1,875)   | (349)     | (7,592)   | 0        | 0        | 0        | 0        | (7,592)   |
| 14 | Federal Income Taxes                     | (20,797) | (1,940)  | 8,439    | (3,182)  | (6,414)  | (7,322)   | (10,904)  | (2,030)   | 0        | 0        | 0        | 0        | (44,150)  |
| 15 | Net Income Before Taxes                  | 756,786  | 974,470  | 390,390  | 961,321  | 927,805  | 1,552,903 | 1,893,199 | 2,318,376 | 0        | 0        | 0        | 0        | 9,715,250 |
| 17 | Book depreciation                        |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 18 | Tax basis depreciation                   |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 20 | Change in Regulatory Assets/Liabilities: |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 21 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 22 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 23 | Reg Asset-State                          | (a)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 24 | Reg Asset-Flow Through Depreciation      | (b)      | (35,500) | (35,500) | (35,500) | (35,500) | (35,500)  | (35,500)  | (35,500)  | (35,500) | (35,500) | (35,500) | (35,500) | (426,000) |
| 25 | Reg Asset-Other                          | (b)      | 2,008    | 2,008    | 2,008    | 2,008    | 2,007     | 2,010     | 2,009     | 2,008    | 2,008    | 2,009    | 2,008    | 24,100    |
| 26 | Reg Asset-Other                          | (b)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 27 | Reg Asset-Tax Rate Change                | (b)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 28 | Reg Liab-Excess Deferred Tax-Depreciat   | (c)      | 11,733   | 11,734   | 11,734   | 11,734   | 11,734    | 11,733    | 11,734    | 11,734   | 11,733   | 11,734   | 11,733   | 140,803   |
| 29 | Reg Liab-Excess Deferred Tax-AFUDC       | (c)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 30 | Reg Liab-Excess Deferred Tax-Other       | (c)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 31 | Reg Liab-Deficit Deferred Tax            | (c)      | (2,296)  | (2,297)  | (2,296)  | (2,296)  | (2,297)   | (2,296)   | (2,296)   | (2,297)  | (2,297)  | (2,296)  | (2,296)  | (27,558)  |
| 32 | Reg Liab-Tax Rate Change                 | (c)      | 4,057    | 4,057    | 4,057    | 4,057    | 4,057     | 4,057     | 4,057     | 4,057    | 4,057    | 4,057    | 4,057    | 48,684    |
| 33 | Reg Liab-Unamortized ITC (3%)            | (d)      | 432      | 432      | 432      | 432      | 432       | 432       | 432       | 432      | 432      | 432      | 432      | 5,184     |
| 34 | Reg Liab-Unamortized ITC (4%)            | (d)      | 356      | 356      | 356      | 356      | 356       | 356       | 356       | 356      | 356      | 356      | 356      | 4,270     |
| 35 | Reg Liab-Unamortized ITC (10%)           | (d)      | 3,252    | 3,253    | 3,252    | 3,252    | 3,253     | 3,252     | 3,253     | 3,252    | 3,252    | 3,253    | 3,252    | 39,028    |
| 36 | Reg Liab-Unamortized ITC (6%)            | (d)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 37 | Deferred ITC (3%)                        | (e)      | 637      | 638      | 638      | 638      | 637       | 638       | 637       | 638      | 638      | 637      | 638      | 7,652     |
| 38 | Deferred ITC (4%)                        | (e)      | 525      | 526      | 525      | 526      | 525       | 526       | 525       | 526      | 525      | 526      | 525      | 6,305     |
| 39 | Deferred ITC (10%)                       | (e)      | 5,903    | 5,904    | 5,903    | 5,903    | 5,904     | 5,903     | 5,904     | 5,903    | 5,903    | 5,904    | 5,903    | 70,840    |
| 40 | Deferred ITC (6%)                        | (e)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 41 | Net Change in Reg Assets/Liabs & ITC     | (e)      | (8,893)  | (8,889)  | (8,892)  | (8,891)  | (8,890)   | (8,891)   | (8,888)   | (8,892)  | (8,893)  | (8,887)  | (8,894)  | (106,692) |
| 42 | Distribution of Net Change:              |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 43 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 44 | Deferred SIT                             | (a)      | 0        | 0        | 0        | 0        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0         |
| 45 | Deferred FIT                             | (b)      | 5,166    | 5,166    | 5,166    | 5,166    | 5,166     | 5,166     | 5,166     | 5,166    | 5,166    | 5,166    | 5,166    | 61,992    |
| 46 | Amortize ITC                             | (c)      | (4,623)  | (4,623)  | (4,623)  | (4,623)  | (4,623)   | (4,623)   | (4,623)   | (4,623)  | (4,623)  | (4,624)  | (4,624)  | (55,479)  |
| 47 |  | (d)      | (624)    | (624)    | (624)    | (624)    | (624)     | (624)     | (623)     | (623)    | (622)    | (622)    | (622)    | (7,480)   |
| 48 |  | (e)      | (81)     | (81)     | (81)     | (81)     | (81)      | (81)      | (80)      | (80)     | (80)     | (80)     | (80)     | (967)     |
| 49 | Deferred FIT                             | (b)      | 28,326   | 28,326   | 28,326   | 28,326   | 28,327    | 28,324    | 28,325    | 28,326   | 28,326   | 28,325   | 28,326   | 339,908   |
| 50 | Deferred FIT                             | (c)      | (8,871)  | (8,870)  | (8,871)  | (8,872)  | (8,871)   | (8,872)   | (8,871)   | (8,871)  | (8,869)  | (8,871)  | (8,870)  | (106,450) |
| 51 | Deferred FIT                             | (d)      | (3,416)  | (3,417)  | (3,416)  | (3,415)  | (3,417)   | (3,416)   | (3,418)   | (3,417)  | (3,418)  | (3,419)  | (3,417)  | (41,002)  |
| 52 | Amortize ITC                             | (e)      | 16,039   | 16,038   | 16,039   | 16,039   | 16,038    | 16,038    | 16,035    | 16,038   | 16,039   | 16,035   | 16,039   | 192,456   |
| 53 |  | (e)      | (7,065)  | (7,066)  | (7,066)  | (7,067)  | (7,066)   | (7,066)   | (7,067)   | (7,066)  | (7,066)  | (7,066)  | (7,065)  | (84,797)  |
| 54 |  |          | 8,893    | 8,889    | 8,892    | 8,891    | 8,890     | 8,891     | 8,888     | 8,892    | 8,893    | 8,887    | 8,894    | 106,692   |
| 55 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 56 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 57 | Net Balance Sheet Changes                | Cr.      | (8,893)  | (8,889)  | (8,892)  | (8,891)  | (8,890)   | (8,891)   | (8,888)   | (8,892)  | (8,893)  | (8,887)  | (8,894)  | (106,692) |
| 58 | SIT on Net Balance Sheet Changes         | 253350   | 534      | 533      | 534      | 533      | 534       | 533       | 533       | 534      | 534      | 533      | 534      | (6,402)   |
| 59 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 60 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 61 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 62 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 63 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 64 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 65 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 66 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 67 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 68 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 69 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 70 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 71 |  |          |          |          |          |          |           |           |           |          |          |          |          |           |
| 72 | FIT on Net Balance Sheet Changes         | 253310   | (2,926)  | (2,925)  | (2,925)  | (2,925)  | (2,925)   | (2,925)   | (2,924)   | (2,925)  | (2,925)  | (2,924)  | (2,926)  | (35,101)  |

| Kentucky-American Water Company         |     | Summary of Changes in Regulatory Assets/Liabilities |          |          |          |          |          |          |          |          |          |          |          | TOTAL     |
|---|-----|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
|   |     | JAN   | FEB      | MAR      | APR      | MAY      | JUN      | JUL      | AUG      | SEP      | OCT      | NOV      | DEC      |           |
| Reg Asset-Flow Through Depreciation     | (b) | 186040  | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (35,500) | (426,000) |
| Reg Asset-Other                         | (b) | 186045  | 2,008    | 2,009    | 2,008    | 2,008    | 2,007    | 2,010    | 2,009    | 2,008    | 2,008    | 2,009    | 2,008    | 24,100    |
| Reg Liab-Excess Deferred Tax-Depreciatc | (c) | 256212  | 11,733   | 11,733   | 11,734   | 11,734   | 11,734   | 11,733   | 11,734   | 11,734   | 11,733   | 11,734   | 11,733   | 140,803   |
| Reg Liab-Deficit Deferred Tax           | (c) | 256220  | (2,296)  | (2,297)  | (2,296)  | (2,297)  | (2,296)  | (2,297)  | (2,296)  | (2,297)  | (2,297)  | (2,296)  | (2,296)  | (27,558)  |
| Inclusion For Rate Base                 |     |   | 9,437    | 9,436    | 9,438    | 9,437    | 9,438    | 9,436    | 9,438    | 9,437    | 9,436    | 9,438    | 9,437    | 113,245   |
| Reg Liab-Tax Rate Change                | (c) | 256232  | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 48,684    |
| Reg Liab-Unamortized ITC (3%)           | (d) | 256310  | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 5,184     |
| Reg Liab-Unamortized ITC (4%)           | (d) | 256311  | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 4,270     |
| Reg Liab-Unamortized ITC (10%)          | (d) | 256312  | 3,252    | 3,253    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 39,028    |
| Inclusion For Revenue Recognition       |     |   | 15,957   | 15,957   | 15,958   | 15,958   | 15,957   | 15,957   | 15,955   | 15,958   | 15,959   | 15,955   | 15,959   | 191,489   |
| Deferred ITC (3%)                       | (e) | 255101  | 637      | 638      | 638      | 638      | 637      | 638      | 637      | 638      | 638      | 638      | 637      | 7,652     |
| Deferred ITC (4%)                       | (e) | 255102  | 525      | 526      | 526      | 526      | 526      | 525      | 526      | 525      | 525      | 526      | 525      | 6,305     |
| Deferred ITC (10%)                      | (e) | 255103  | 5,903    | 5,904    | 5,903    | 5,903    | 5,904    | 5,903    | 5,904    | 5,903    | 5,903    | 5,904    | 5,903    | 70,840    |
|   |     |   | 7,065    | 7,068    | 7,066    | 7,067    | 7,067    | 7,066    | 7,067    | 7,066    | 7,066    | 7,068    | 7,065    | 84,797    |



| Kentucky-American Water Company                     |     |        |          |          |          |          |          |          |          |          |          |          |          |           |
|---|-----|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Summary of Changes in Regulatory Assets/Liabilities |     |        |          |          |          |          |          |          |          |          |          |          |          |           |
|   |     | JAN    | FEB      | MAR      | APR      | MAY      | JUN      | JUL      | AUG      | SEP      | OCT      | NOV      | DEC      | TOTAL     |
| Reg Asset-Flow Through Depreciation                 | (b) | 185040 | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (38,487) | (461,844) |
| Reg Asset-Other                                     | (b) | 185045 | 2,008    | 2,008    | 2,008    | 2,008    | 2,009    | 2,009    | 2,009    | 2,008    | 2,008    | 2,009    | 2,008    | 24,100    |
| Reg Liab-Excess Deferred Tax-Depreciatk             | (c) | 256212 | 11,734   | 11,734   | 11,733   | 11,734   | 11,733   | 11,734   | 11,734   | 11,733   | 11,734   | 11,733   | 11,733   | 140,803   |
| Reg Liab-Deficit Deferred Tax                       | (c) | 256220 | (2,296)  | (2,297)  | (2,296)  | (2,297)  | (2,296)  | (2,297)  | (2,296)  | (2,297)  | (2,297)  | (2,296)  | (2,296)  | (27,559)  |
| Inclusion For Rate Base                             |     |        | 9,438    | 9,437    | 9,437    | 9,437    | 9,437    | 9,437    | 9,438    | 9,436    | 9,437    | 9,437    | 9,437    | 113,245   |
| Reg Liab-Tax Rate Change                            | (c) | 256232 | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 48,684    |
| Reg Liab-Unamortized ITC (3%)                       | (d) | 256310 | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 5,184     |
| Reg Liab-Unamortized ITC (4%)                       | (d) | 256311 | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 4,270     |
| Reg Liab-Unamortized ITC (10%)                      | (d) | 256312 | 3,252    | 3,253    | 3,252    | 3,253    | 3,252    | 3,253    | 3,252    | 3,253    | 3,252    | 3,252    | 3,252    | 39,028    |
| Inclusion For Revenue Recognition                   | (e) | 255101 | 637      | 638      | 638      | 638      | 638      | 638      | 637      | 638      | 638      | 638      | 637      | 7,652     |
| Deferred ITC (4%)                                   | (e) | 255102 | 525      | 526      | 526      | 526      | 526      | 526      | 525      | 525      | 525      | 526      | 525      | 6,305     |
| Deferred ITC (10%)                                  | (e) | 255103 | 5,903    | 5,904    | 5,903    | 5,903    | 5,904    | 5,903    | 5,904    | 5,903    | 5,904    | 5,903    | 5,903    | 70,840    |
|   |     |        | 7,066    | 7,066    | 7,067    | 7,066    | 7,067    | 7,067    | 7,066    | 7,066    | 7,067    | 7,067    | 7,065    | 84,797    |



| Kentucky-American Water Company                     |     |        |          |          |          |          |          |          |          |          |          |          |          |           |
|---|-----|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Summary of Changes in Regulatory Assets/Liabilities |     |        |          |          |          |          |          |          |          |          |          |          |          |           |
|   |     | JAN    | FEB      | MAR      | APR      | MAY      | JUN      | JUL      | AUG      | SEP      | OCT      | NOV      | DEC      | TOTAL     |
| Reg Asset-Flow Through Depreciation                 | (b) | 185040 | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (40,775) | (489,300) |
| Reg Asset-Other                                     | (b) | 185045 | 2,008    | 2,008    | 2,008    | 2,008    | 2,009    | 2,009    | 2,009    | 2,008    | 2,008    | 2,009    | 2,008    | 24,100    |
| Reg Liab-Excess Deferred Tax-Depreciation           | (c) | 256212 | 11,734   | 11,734   | 11,733   | 11,734   | 11,733   | 11,734   | 11,734   | 11,733   | 11,734   | 11,733   | 11,733   | 140,803   |
| Reg Liab-Deficit Deferred Tax                       | (c) | 256220 | (2,297)  | (2,297)  | (2,297)  | (2,297)  | (2,297)  | (2,297)  | (2,297)  | (2,297)  | (2,297)  | (2,296)  | (2,296)  | (27,558)  |
| Inclusion For Rate Base                             |     |        | 9,437    | 9,437    | 9,437    | 9,437    | 9,437    | 9,437    | 9,437    | 9,436    | 9,437    | 9,437    | 9,437    | 113,245   |
| Reg Liab-Tax Rate Change                            | (c) | 256232 | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 4,057    | 48,684    |
| Reg Liab-Unamortized ITC (3%)                       | (d) | 256310 | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 432      | 5,184     |
| Reg Liab-Unamortized ITC (4%)                       | (d) | 256311 | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 356      | 4,270     |
| Reg Liab-Unamortized ITC (10%)                      | (d) | 256312 | 3,252    | 3,253    | 3,252    | 3,253    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 3,252    | 39,028    |
| Inclusion For Revenue Recognition                   |     |        | 4,039    | 4,041    | 4,041    | 4,041    | 4,041    | 4,040    | 4,041    | 4,040    | 4,040    | 4,039    | 4,040    | 48,482    |
| Deferred ITC (3%)                                   | (e) | 255101 | 21,233   | 21,232   | 21,233   | 21,232   | 21,231   | 21,231   | 21,232   | 21,231   | 21,233   | 21,233   | 21,233   | 254,789   |
| Deferred ITC (4%)                                   | (e) | 255102 | 637      | 638      | 638      | 637      | 637      | 638      | 637      | 638      | 638      | 638      | 637      | 7,652     |
| Deferred ITC (10%)                                  | (e) | 255103 | 5,903    | 5,904    | 5,903    | 5,903    | 5,904    | 5,903    | 5,904    | 5,903    | 5,904    | 5,903    | 5,903    | 70,840    |
|   |     |        | 7,065    | 7,068    | 7,066    | 7,067    | 7,067    | 7,067    | 7,067    | 7,066    | 7,067    | 7,067    | 7,065    | 84,797    |

**KENTUCKY-AMERICAN WATER COMPANY**  
**TAX BASIS WATER PROPERTY - DEPRECIATION EXPENSE**  
CASE NO: 2008-00427  
For the Year July 2008 - June 2009

| TWENTY-FIVE YEAR PROPERTY | Jul-2008 | Aug-2008  | Sep-2008  | Oct-2008  | Nov-2008  | Dec-2008  | Jan-2009  | Feb-2009  | Mar-2009  | Apr-2009   | May-2009   | Jun-2009   | 2008-2009  |
|---------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
| WATER PROPERTY            | 575,620  | 9,730,260 | 2,892,637 | 988,312   | 977,978   | 2,294,988 | 1,719,081 | 94,026    | 675,902   | 492,855    | 48,889     | 3,959,356  | 24,449,904 |
| BONUS DEPRECIATION        | 287,810  | 4,865,130 | 1,446,319 | 494,156   | 488,989   | 1,147,494 | 859,541   | 47,013    | 337,951   | 246,428    | 24,444     | 1,979,678  | 12,224,954 |
| N.D.B. (LINE-8 @100%)     | 287,810  | 4,865,130 | 1,446,318 | 494,156   | 488,989   | 1,147,494 | 859,540   | 47,013    | 337,951   | 246,427    | 24,444     | 1,979,678  | 12,224,950 |
| ACCUMULATED               | 287,810  | 5,152,940 | 6,599,258 | 7,093,414 | 7,582,403 | 8,729,897 | 9,589,437 | 9,636,450 | 9,974,401 | 10,220,828 | 10,245,272 | 12,224,950 |            |
| REGULAR DEPRECIATION      | 5,756    | 97,303    | 29,926    | 9,883     | 9,780     | 22,950    | 17,191    | 940       | 6,759     | 4,929      | 489        | 39,594     |            |
| ACCUM DEPRECIATION        | 5,756    | 103,059   | 131,985   | 141,868   | 151,648   | 174,598   | 191,789   | 192,729   | 199,488   | 204,417    | 204,906    | 244,500    |            |

| SEVEN YEAR PROPERTY        | Jul-2008 | Aug-2008 | Sep-2008 | Oct-2008 | Nov-2008  | Dec-2008  | Jan-2009  | Feb-2009  | Mar-2009  | Apr-2009  | May-2009  | Jun-2009  | 2008-2009 |
|----------------------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| OFFICE FURN. & FIX.        | 979      | 611      | 271,782  | 458,336  | 404,056   | 284,756   | 227,210   | 90,000    | 92,906    | 89,209    | 87,986    | 98,116    | 2,105,947 |
| N.D.B. (LINES 17-19 @100%) | 979      | 611      | 271,782  | 458,336  | 404,056   | 284,756   | 227,210   | 90,000    | 92,906    | 89,209    | 87,986    | 98,116    | 2,105,947 |
| ACCUMULATED                | 979      | 1,590    | 273,372  | 731,708  | 1,135,764 | 1,420,520 | 1,647,730 | 1,737,730 | 1,830,636 | 1,919,845 | 2,007,831 | 2,105,947 |           |
| DEPRECIATION               | 140      | 87       | 38,838   | 65,496   | 57,740    | 40,692    | 32,468    | 12,861    | 13,276    | 12,748    | 12,573    | 14,021    |           |
| ACCUM DEPRECIATION         | 140      | 227      | 39,065   | 104,561  | 162,301   | 202,993   | 235,461   | 248,322   | 261,598   | 274,346   | 286,919   | 300,940   |           |

| FIVE YEAR PROPERTY         | Jul-2008 | Aug-2008 | Sep-2008 | Oct-2008 | Nov-2008 | Dec-2008 | Jan-2009 | Feb-2009 | Mar-2009 | Apr-2009 | May-2009 | Jun-2009 | 2008-2009 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| LIGHT TRUCKS               | -30,658  | 0        | 1,648    | 21,425   | 11,431   | 51,656   | 81,264   | 0        | 2,500    | 0        | 0        | 1,000    | 140,266   |
| CARS                       | 34,558   | 0        | 0        | 0        | 0        | 0        | 50,000   | 0        | 0        | 0        | 0        | 0        | 84,558    |
| HEAVY TRUCKS               | 3,164    | 0        | 0        | 0        | 0        | 0        | 50,000   | 0        | 0        | 0        | 0        | 0        | 53,164    |
| COMMUNICATION EQUIPMENT    | 10,359   | 91,696   | 107,157  | 9,655    | 11,172   | 11,172   | 10,389   | 6,151    | 9,204    | 0        | 2,563    | 9,786    | 279,304   |
| N.D.B. (LINES 17-19 @100%) | 17,423   | 91,696   | 108,805  | 31,060   | 22,603   | 62,828   | 191,653  | 6,151    | 11,704   | 0        | 2,563    | 10,786   | 557,292   |
| ACCUMULATED                | 17,423   | 109,119  | 217,924  | 249,004  | 271,607  | 334,435  | 526,088  | 532,239  | 543,943  | 543,943  | 546,506  | 557,292  |           |
| DEPRECIATION               | 3,485    | 18,339   | 21,761   | 6,216    | 4,521    | 12,566   | 38,331   | 1,230    | 2,341    | 0        | 513      | 2,157    |           |
| ACCUM DEPRECIATION         | 3,485    | 21,824   | 43,585   | 49,801   | 54,322   | 66,888   | 105,219  | 106,449  | 108,790  | 108,790  | 109,303  | 111,460  |           |

| THREE YEAR PROPERTY        | Jul-2008 | Aug-2008 | Sep-2008 | Oct-2008 | Nov-2008 | Dec-2008 | Jan-2009 | Feb-2009 | Mar-2009 | Apr-2009 | May-2009 | Jun-2009 | 2008-2009 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| SOFTWARE                   | 0        | 2,500    | 2,500    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5,000     |
| N.D.B. (LINES 17-19 @100%) | 0        | 2,500    | 2,500    | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 5,000     |
| ACCUMULATED                | 0        | 2,500    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000    | 5,000     |
| DEPRECIATION               | 0        | 833      | 833      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| ACCUM DEPRECIATION         | 0        | 833      | 1,666    | 1,666    | 1,666    | 1,666    | 1,666    | 1,666    | 1,666    | 1,666    | 1,666    | 1,666    | 1,666     |

| REAL PROPERTY      | Jul-2008 | Aug-2008 | Sep-2008 | Oct-2008 | Nov-2008 | Dec-2008 | Jan-2009 | Feb-2009 | Mar-2009 | Apr-2009 | May-2009 | Jun-2009 | 2008-2009 |
|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| BUILDINGS          | 18,642   | 8,299    | 8,299    | 0        | 43,999   | 8,000    | 0        | 0        | 0        | 0        | 0        | 0        | 87,239    |
| ACCUMULATED        | 18,642   | 26,941   | 35,240   | 35,240   | 79,239   | 87,239   | 87,239   | 87,239   | 87,239   | 87,239   | 87,239   | 87,239   | 87,239    |
| DEPRECIATION       | 459      | 204      | 169      | 0        | 706      | 111      | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| ACCUM DEPRECIATION | 459      | 663      | 832      | 832      | 1,538    | 1,649    | 1,649    | 1,649    | 1,649    | 1,649    | 1,649    | 1,649    | 1,649     |

| TOTAL ACCUM. DEPR.              | Jul-2008 | Aug-2008  | Sep-2008  | Oct-2008  | Nov-2008  | Dec-2008  | Jan-2009   | Feb-2009   | Mar-2009   | Apr-2009   | May-2009   | Jun-2009   | 2008-2009  |
|---------------------------------|----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|
| LESS: PROV. YEAR TO DATE        | 297,650  | 5,279,546 | 6,816,392 | 7,392,143 | 7,953,879 | 9,177,692 | 10,125,223 | 10,187,267 | 10,547,594 | 10,811,699 | 10,849,719 | 12,885,169 |            |
| REMAINING PERIODS               | 297,650  | 24,804    | 502,508   | 1,133,896 | 1,829,257 | 2,594,835 | 3,535,243  | 4,633,573  | 5,744,312  | 6,945,132  | 8,233,988  | 9,541,853  |            |
| MONTHLY PROV. (LINE 54/LINE 56) | 12       | 11        | 10        | 9         | 8         | 7         | 6          | 5          | 4          | 3          | 2          | 1          |            |
| ON CURRENT ADDITIONS            | 24,804   | 477,704   | 631,388   | 695,361   | 765,578   | 840,408   | 1,098,330  | 1,110,739  | 1,200,821  | 1,288,856  | 1,307,866  | 1,343,316  | 12,885,169 |

| DEPRECIATION ON PROPERTY @ | Jul-2008 | Aug-2008  | Sep-2008  | Oct-2008  | Nov-2008  | Dec-2008  | Jan-2009  | Feb-2009   | Mar-2009   | Apr-2009   | May-2009   | Jun-2009   | 2008-2009  |
|----------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| UHS Prior to 2008          | 590,031  | 590,031   | 590,031   | 590,031   | 590,031   | 590,031   | 590,031   | 590,031    | 590,031    | 590,031    | 590,031    | 590,031    | 7,060,372  |
| 2008 Additions - Reg.      | 24,804   | 477,704   | 631,388   | 695,361   | 765,578   | 840,408   | 1,098,330 | 1,110,739  | 1,200,821  | 1,288,856  | 1,307,866  | 1,343,316  | 12,885,169 |
| 2008 Additions in 2009     | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0          | 0          | 0          | 0          | 0          | 0          |
| TOTAL DEPRECIATION         | 614,835  | 1,067,735 | 1,221,419 | 1,285,392 | 1,355,609 | 1,530,439 | 1,688,361 | 1,700,770  | 1,790,852  | 1,878,887  | 1,897,897  | 3,933,347  | 19,965,541 |
| ACCUMULATED                | 614,835  | 1,682,570 | 2,903,989 | 4,189,381 | 5,544,990 | 7,075,429 | 8,763,790 | 10,464,560 | 12,255,411 | 14,134,298 | 16,032,194 | 19,965,541 |            |

| Accum Depr on 2008-09 Additions | 1      | 2       | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12         |
|---------------------------------|--------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Numeric Month                   | 24,804 | 502,508 | 1,133,896 | 1,829,257 | 2,594,835 | 3,535,243 | 4,633,573 | 5,744,312 | 6,945,132 | 8,233,988 | 9,541,853 | 12,885,169 |

Total Tax Basis Additions 27,205,383



**KENTUCKY-AMERICAN WATER COMPANY**  
**TAX BASIS WATER PROPERTY - DEPRECIATION EXPENSE**  
CASE NO: 2009-00427  
For the Year July 2009 - June 2010

| TWENTY-FIVE YEAR PROPERTY | Jul-2009  | Aug-2009  | Sep-2009  | Oct-2009  | Nov-2009  | Dec-2009   | Jan-2010   | Feb-2010   | Mar-2010   | Apr-2010   | May-2010   | Jun-2010   | 2009-2010  |
|---------------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| WATER PROPERTY            | 3,609,295 | 886,724   | 1,099,630 | 1,753,834 | 1,287,310 | 1,523,974  | 2,688,898  | 351,314    | 935,725    | 724,027    | -376,397   | 0          | 14,484,334 |
| BONUS DEPRECIATION        |           |           |           |           |           |            |            |            |            |            |            |            |            |
| N.D.B. (LINE-8 @100%)     | 3,609,295 | 886,724   | 1,099,630 | 1,753,834 | 1,287,310 | 1,523,974  | 2,688,898  | 351,314    | 935,725    | 724,027    | -376,397   | 0          | 14,484,334 |
| ACCUMULATED               | 3,609,295 | 4,496,019 | 5,595,649 | 7,349,483 | 8,636,793 | 10,160,767 | 12,849,665 | 13,200,979 | 14,136,704 | 14,860,731 | 14,484,334 | 14,484,334 |            |
| DEPRECIATION              | 72,186    | 17,734    | 21,993    | 35,077    | 25,746    | 30,479     | 53,778     | 7,026      | 18,715     | 14,481     | -7,528     | 0          |            |
| ACCUM DEPRECIATION        | 72,186    | 89,920    | 111,913   | 146,990   | 172,736   | 203,215    | 256,993    | 264,019    | 282,734    | 297,215    | 289,687    | 289,687    |            |

| SEVEN YEAR PROPERTY        | Jul-2009 | Aug-2009 | Sep-2009 | Oct-2009 | Nov-2009 | Dec-2009 | Jan-2010 | Feb-2010 | Mar-2010 | Apr-2010 | May-2010 | Jun-2010 | 2009-2010 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| OFFICE FURN. & FIX.        | 89,947   | 67,543   | 30,000   | 287      | 1,133    | 9,935    | 44,940   | 12,000   | 13,155   | 15,459   | 15,955   | 0        | 300,354   |
| N.D.B. (LINES 17-19 @100%) | 89,947   | 67,543   | 30,000   | 287      | 1,133    | 9,935    | 44,940   | 12,000   | 13,155   | 15,459   | 15,955   | 0        | 300,354   |
| ACCUMULATED                | 89,947   | 157,490  | 187,490  | 187,777  | 188,910  | 198,845  | 243,785  | 255,785  | 268,940  | 284,399  | 300,354  | 300,354  |           |
| DEPRECIATION               | 12,853   | 9,652    | 4,287    | 41       | 162      | 1,420    | 6,422    | 1,715    | 1,880    | 2,209    | 2,280    | 0        |           |
| ACCUM DEPRECIATION         | 12,853   | 22,505   | 26,792   | 26,833   | 26,995   | 28,415   | 34,837   | 36,552   | 38,432   | 40,641   | 42,921   | 42,921   |           |

| FIVE YEAR PROPERTY         | Jul-2009 | Aug-2009 | Sep-2009 | Oct-2009 | Nov-2009 | Dec-2009 | Jan-2010 | Feb-2010 | Mar-2010 | Apr-2010 | May-2010 | Jun-2010 | 2009-2010 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| LIGHT TRUCKS               | 6,500    | 0        | 29,500   | 0        | 4,500    | 0        | 91,000   | 0        | 9,259    | 0        | 0        | 0        | 140,759   |
| CARS                       | 0        | 0        | 0        | 0        | 0        | 50,000   | 50,000   | 0        | 0        | 0        | 0        | 0        | 100,000   |
| HEAVY TRUCKS               | 0        | 0        | 0        | 0        | 0        | 0        | 50,000   | 0        | 0        | 0        | 0        | 0        | 50,000    |
| COMMUNICATION EQUIPMENT    | 12,466   | 6,853    | 20,264   | 7,248    | 16,016   | 14,492   | 54,955   | 6,536    | 9,780    | 0        | 2,724    | 0        | 151,334   |
| N.D.B. (LINES 17-19 @100%) | 18,966   | 6,853    | 49,764   | 7,248    | 20,516   | 64,492   | 245,955  | 6,536    | 19,039   | 0        | 2,724    | 0        | 442,093   |
| ACCUMULATED                | 18,966   | 25,819   | 75,583   | 82,831   | 103,347  | 167,839  | 413,794  | 420,330  | 439,369  | 439,369  | 442,093  | 442,093  |           |
| DEPRECIATION               | 3,793    | 1,371    | 9,953    | 1,450    | 4,103    | 12,888   | 49,191   | 1,307    | 3,808    | 0        | 545      | 0        |           |
| ACCUM DEPRECIATION         | 3,793    | 5,164    | 15,117   | 16,567   | 20,670   | 33,568   | 82,759   | 84,066   | 87,874   | 87,874   | 88,419   | 88,419   |           |

| THREE YEAR PROPERTY        | Jul-2009 | Aug-2009 | Sep-2009 | Oct-2009 | Nov-2009 | Dec-2009 | Jan-2010 | Feb-2010 | Mar-2010 | Apr-2010 | May-2010 | Jun-2010 | 2009-2010 |
|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| SOFTWARE                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| N.D.B. (LINES 17-19 @100%) | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| ACCUMULATED                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| DEPRECIATION               | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| ACCUM DEPRECIATION         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |

| REAL PROPERTY      | Jul-2009 | Aug-2009 | Sep-2009 | Oct-2009 | Nov-2009 | Dec-2009  | Jan-2010  | Feb-2010  | Mar-2010  | Apr-2010  | May-2010  | Jun-2010  | 2009-2010 |
|--------------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| BUILDINGS          | 0        | 0        | 0        | 0        | 0        | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 |
| ACCUMULATED        | 0        | 0        | 0        | 0        | 0        | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 | 1,122,624 |
| DEPRECIATION       | 0        | 0        | 0        | 0        | 0        | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    |
| ACCUM DEPRECIATION | 0        | 0        | 0        | 0        | 0        | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    | 15,616    |

|  |        |         |         |         |         |         |         |         |         |         |         |         |         |
|--|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| TOTAL ACCUM. DEPR.                                     | 88,832 | 117,589 | 153,822 | 190,390 | 220,401 | 280,814 | 390,205 | 400,253 | 424,656 | 441,346 | 436,643 | 436,643 |         |
| LESS: PROV. YEAR TO DATE                               | 0      | 7,403   | 17,420  | 23,657  | 32,166  | 55,695  | 87,855  | 138,247 | 190,648 | 249,150 | 313,215 | 374,929 |         |
| SUBTOTAL   | 88,832 | 110,186 | 136,402 | 166,733 | 188,235 | 225,119 | 302,350 | 262,006 | 234,008 | 192,196 | 123,428 | 61,714  |         |
| REMAINING PERIODS                                      | 12     | 11      | 10      | 9       | 8       | 7       | 6       | 5       | 4       | 3       | 2       | 1       |         |
| MONTHLY PROV.(LINE 54/LINE 56)<br>ON CURRENT ADDITIONS | 7,403  | 10,017  | 13,640  | 18,526  | 23,528  | 32,160  | 50,392  | 52,401  | 58,502  | 64,065  | 61,714  | 61,714  | 454,063 |

| DEPRECIATION ON PROPERTY @ | Jul-2009 | Aug-2009  | Sep-2009  | Oct-2009  | Nov-2009  | Dec-2009  | Jan-2010  | Feb-2010  | Mar-2010  | Apr-2010  | May-2010  | Jun-2010   | 2009-2010  |
|----------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
| UPS Prior to 2009          | 719,924  | 719,924   | 719,924   | 719,924   | 719,924   | 719,924   | 719,924   | 719,924   | 719,924   | 719,924   | 719,924   | 719,924    | 8,639,088  |
| 2008 Additions             | 7,403    | 10,017    | 13,640    | 18,526    | 23,529    | 32,160    | 50,392    | 52,401    | 58,502    | 64,065    | 61,714    | 61,714     | 454,063    |
| 2007 Additions in 2008     | 98,962   | 98,962    | 98,962    | 98,962    | 98,962    | 98,962    | 98,962    | 98,962    | 98,962    | 98,962    | 98,962    | 98,962     | 1,187,544  |
| TOTAL DEPRECIATION         | 826,289  | 828,903   | 832,526   | 837,412   | 842,415   | 851,046   | 869,278   | 871,287   | 877,388   | 882,951   | 880,600   | 880,600    | 10,280,695 |
| ACCUMULATED                | 826,289  | 1,655,192 | 2,487,718 | 3,325,130 | 4,167,545 | 5,018,591 | 5,887,868 | 6,759,156 | 7,636,544 | 8,519,495 | 9,400,095 | 10,280,695 |            |

|                              |       |        |        |        |        |         |         |         |         |         |         |         |  |
|------------------------------|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--|
| Accum Depr on 2009 Additions | 7,403 | 17,420 | 31,060 | 49,586 | 73,115 | 105,275 | 155,666 | 208,068 | 266,570 | 330,635 | 392,349 | 454,063 |  |
| Numeric Month                | 1     | 2      | 3      | 4      | 5      | 6       | 7       | 8       | 9       | 10      | 11      | 12      |  |

Total Tax Basis Additions 16,349,405

**KENTUCKY-AMERICAN WATER COMPANY****TAX BASIS WATER PROPERTY - DEPRECIATION EXPENSE Years 2 & 3****CASE NO: 2008-00427**

|                             | 2009 UPIS Additions |                  | 2010 UPIS Additions |                  |
|-----------------------------|---------------------|------------------|---------------------|------------------|
|                             | 2010<br>2nd Year    | 2011<br>3rd Year | 2011<br>2nd Year    | 2012<br>3rd Year |
| <b>TWENTY YEAR PROPERTY</b> |                     |                  |                     |                  |
| WATER PROPERTY              |                     |                  |                     |                  |
| UPIS Additions              | 12,224,950          | 12,224,950       | 14,484,334          | 14,484,334       |
| Depreciation Rate           | 4.000%              | 4.000%           | 4.000%              | 4.000%           |
| Tax Dep Expense             | 488,998             | 488,998          | 579,373             | 579,373          |
| <b>SEVEN YEAR PROPERTY</b>  |                     |                  |                     |                  |
| OFFICE FURN. & FIX.         |                     |                  |                     |                  |
| UPIS Additions              | 2,105,947           | 2,105,947        | 300,354             | 300,354          |
| Depreciation Rate           | 24.490%             | 17.490%          | 24.490%             | 17.490%          |
| Tax Dep Expense             | 515,746             | 368,330          | 73,557              | 52,532           |
| <b>FIVE YEAR PROPERTY</b>   |                     |                  |                     |                  |
| LIGHT TRUCKS                |                     |                  |                     |                  |
| CARS                        |                     |                  |                     |                  |
| HEAVY TRUCKS                |                     |                  |                     |                  |
| COMMUNICATION EQUIPMENT     |                     |                  |                     |                  |
| UPIS Additions              | 557,292             | 557,292          | 442,093             | 442,093          |
| Depreciation Rate           | 32.000%             | 19.200%          | 32.000%             | 19.200%          |
| Tax Dep Expense             | 178,334             | 107,000          | 141,470             | 84,882           |
| <b>THREE YEAR PROPERTY</b>  |                     |                  |                     |                  |
| Software                    |                     |                  |                     |                  |
| UPIS Additions              | 5,000               | 5,000            | 0                   | 0                |
| Depreciation Rate           | 44.450%             | 14.810%          | 44.450%             | 14.810%          |
| Tax Dep Expense             | 2,223               | 741              | 0                   | 0                |
| <b>REAL PROPERTY</b>        |                     |                  |                     |                  |
| BUILDINGS                   |                     |                  |                     |                  |
| UPIS Additions              | 87,239              | 87,239           | 1,122,624           | 1,122,624        |
| Depreciation Rate           | 2.564%              | 2.564%           | 2.564%              | 2.564%           |
| Tax Dep Expense             | 2,237               | 2,237            | 28,784              | 28,784           |
| Annual Depreciation         | 1,187,538           | 967,306          | 823,184             | 745,571          |
| Monthly Depreciation        | 98,962              | 80,609           | 68,599              | 62,131           |



| Kentucky-American Water Company |                                   | UPIS Additions per Construction File |           |           |          |          |           |          |          |          |          |          |  |
|---------------------------------|-----------------------------------|--------------------------------------|-----------|-----------|----------|----------|-----------|----------|----------|----------|----------|----------|--|
| CASE NO: 2008-00427             |                                   | 31-Jul-08                            | Aug-2008  | Sep-2008  | Oct-2008 | Nov-2008 | Dec-2008  | Jan-2009 | Feb-2009 | Mar-2009 | Apr-2009 | May-2009 |  |
| 301000                          | ORGANIZATION                      |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 302000                          | FRANCHISE/CONSENTS                |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 303100                          | OTHE P/E INTANGIBLES              |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 303600                          | OTHER P/E COMPREHENSIVE STUDIES   |                                      | 70,129    | 113,529   | 43,899   | 43,399   | 42,899    | 40,819   | 0        | 2,550    | 14,850   | 3,450    |  |
| 310100                          | WATER RIGHTS                      |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 310200                          | RESERVOIR LAND                    |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 310300                          | OTHER SSLAND                      |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 311000                          | SS STRUCTURES & IMPROVEMENTS      | 479<br>(4,096)                       | 1,616     | 1,616     | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 312000                          | COLL & IMPOUNDING RESERV          |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 313000                          | LAKE, RIVER, & OTHER INTAKES      |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 314000                          | WELLS & SPRINGS                   |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 316000                          | SUPPLY MAINS                      | 11                                   | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 320000                          | PUMPING LAND & LAND RIGHTS        |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 321000                          | PUMPING STRUCTURES & IMPROVEMENTS | 9,942                                | (88)      | (88)      | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 322000                          | BOILER PLANT EQUIPMENT            |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 323200                          | OTHER POWER PROD EQPT             | 3,325                                | 342       | 342       | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 325000                          | ELECTRIC PUMPING EQUIPMENT        | (6,255)                              | 7,406,190 | 370       | 370      | 370      | 370       | 0        | 0        | 0        | 0        | 0        |  |
| 326000                          | DIESEL PUMPING EQUIPMENT          |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 327000                          | HYDRAULIC PUMPING EQUIPMENT       |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 328200                          | GASOLINE PUMPING EQPT             |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 328300                          | OTHER PUMPING EQUIPMENT           |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 328310                          | PUMPING EQUIPMENT SS              | 18,580                               | 26,653    | 26,653    | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 328320                          | PUMPING EQUIPMENT TD              |                                      | 55        | 55        | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 330000                          | LAND AND LAND RIGHTS              |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 331000                          | WT STRUCTURES & IMPROVMT          | 8,221                                | 6,952     | 6,952     | 0        | 43,999   | 8,000     | 0        | 0        | 0        | 0        | 0        |  |
| 332000                          | WATER TREATMENT EQUIPMENT         | 9,221                                | 27,346    | 30,238    | 2,892    | 2,892    | 2,892     | 799,417  | 0        | 0        | 0        | 0        |  |
| 334000                          | WATER TREATMENT - GAC             |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 340000                          | LAND AND LAND RIGHTS              |                                      | 15,145    | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 340100                          | T & D LAND & RIGHTS OF WAY        |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 340110                          | T & D LAND                        |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 340120                          | T & D RIGHTS OF WAY               |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 340200                          | DIST RES & STANDPIPE LAND         |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 341000                          | T & D STRUCTURES & IMP            |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 342000                          | ELEVATED TANKS & STANDPIPES       |                                      | 13,406    | 27,261    | 23,769   | 14,195   | 13,185    | 13,185   | 0        | 0        | 0        | 0        |  |
| 342003                          | DIST RES & STANDPIPES             |                                      | 1,317     | 1,068     | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 342250                          | GROUND LEVEL FACILITIES           |                                      | 36        | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 343000                          | T & D MAINS                       | 500,662                              | 354,448   | 562,043   | 537,413  | 454,541  | 1,931,752 | 523,503  | 366,976  | 614,413  | 428,270  | 435,653  |  |
| 345000                          | SERVICES                          | 336,168                              | 25,877    | 115,285   | 66,963   | 79,878   | 105,602   | 66,305   | 87,259   | 120,947  | 84,845   | 79,292   |  |
| 346000                          | METERS                            | 335                                  | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 346100                          | METERS - BRONZE CASE              |                                      | 1,648,536 | 1,685,581 | 37,392   | 37,046   | 37,198    | 37,261   | 20,530   | 31,288   | 24,889   | 9,922    |  |
| 346200                          | METERS - PLASTIC CASE             |                                      | 9,136     | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 346300                          | METERS - OTHER                    | 17,938                               | 11,984    | 210,298   | 200,168  | 198,314  | 199,125   | 199,463  | 109,903  | 167,492  | 133,238  | 53,113   |  |
| 347000                          | METER INSTALLATIONS               | 81,185                               | 21,777    | 47,928    | 26,396   | 26,151   | 26,258    | 26,303   | 14,492   | 22,086   | 17,570   | 7,004    |  |
| 348000                          | HYDRANTS                          | 45,401                               | 23,470    | 56,997    | 29,214   | 28,299   | 33,501    | 44,819   | 6,768    | 30,170   | 15,598   | 8,677    |  |
| 389200                          | STORES SHOP & GARAGE LAND         |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 390000                          | STRUCTURE & IMPROVEMENTS AG       |                                      | 40,231    | 40,231    | 1,000    | 6,000    | 1,000     | 1,000    | 0        | 0        | 0        | 0        |  |
| 390100                          | OFFICE STRUCTURES                 |                                      | (19)      | 981       | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 390200                          | STORES, SHOP & GAR STRUCT         |                                      | (181)     | (181)     | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 390300                          | MISC STRUCTURES                   |                                      | 0         | 262,246   | 439,246  | 389,246  | 269,946   | 212,210  | 90,000   | 92,000   | 85,000   | 83,000   |  |
| 391100                          | OFFICE FURNITURE                  | 6,900                                | (5,921)   | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391200                          | MAINFRAME COMP & PERIPH EQPT      |                                      | 0         | 611       | 9,536    | 19,090   | 14,810    | 15,000   | 0        | 906      | 4,209    | 4,986    |  |
| 391210                          | PERSONAL COMP & PERIPH EQPT       |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391220                          | OTHER OFFICE MACH & EQPT          |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391230                          | OFFICE MACH & EQPT - SOFTWARE     |                                      | 2,500     | 2,500     | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391250                          | MAINFRAME SOFTWARE                |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391260                          | PERSONAL COMP SOFTWARE            |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391280                          | OTHER SOFTWARE                    |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 391300                          | OTHER OFFICE EQUIPMENT            |                                      | 0         | 0         | 0        | 0        | 0         | 0        | 0        | 0        | 0        | 0        |  |
| 392110                          | TRANS EQUIP - LIGHT TRUCKS        | (30,658)                             | 0         | 1,648     | 21,425   | 11,431   | 51,656    | 81,264   | 0        | 2,500    | 0        | 0        |  |



| Kentucky-American Water Company<br>UPIS Additions per Construction File<br>CASE NO: 2008-00427 |                                   | Jun-2009  | Jul-2009  | Aug-2009 | Sep-2009 | Oct-2009 | Nov-2009 | Dec-2009  | Jan-2010  | Feb-2010 | Mar-2010 | Apr-2010 | May-2010 |
|--|-----------------------------------|-----------|-----------|----------|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|
| 301000   | ORGANIZATION                      | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 302000   | FRANCHISE/CONSENTS                | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 303100   | OTHE P/E INTANGIBLES              | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 303600   | OTHER P/E COMPREHENSIVE STUDIES   | 5,700     | 6,750     | 4,350    | 16,500   | 34,650   | 0        | 21,600    | 39,600    | 0        | 1,700    | 9,900    | 2,300    |
| 310100   | WATER RIGHTS                      | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 310200   | RESERVOIR LAND                    | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 310300   | OTHER SS LAND                     | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 311000   | SS STRUCTURES & IMPROVEMENTS      | 0         | 0         | 0        | 0        | 0        | 0        | 1,122,624 | 0         | 0        | 0        | 0        | 0        |
| 312000   | COLL & IMPOUNDING RESERV          | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 313000   | LAKE, RIVER, & OTHER INTAKES      | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 314000   | WELLS & SPRINGS                   | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 316000   | SUPPLY MAINS                      | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 320000   | PUMPING LAND & LAND RIGHTS        | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 321000   | PUMPING STRUCTURES & IMPROVEMENTS | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 322000   | BOILER PLANT EQUIPMENT            | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 323200   | OTHER POWER PROD EQPT             | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 325000   | ELECTRIC PUMPING EQUIPMENT        | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 326000   | DIESEL PUMPING EQUIPMENT          | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 327000   | HYDRAULIC PUMPING EQUIPMENT       | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 328200   | GASOLINE PUMPING EQPT             | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 328300   | OTHER PUMPING EQUIPMENT           | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 328310   | PUMPING EQUIPMENT SS              | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 328320   | PUMPING EQUIPMENT TD              | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 330000   | LAND AND LAND RIGHTS              | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 331000   | WT STRUCTURES & IMPROVMT          | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 332000   | WATER TREATMENT EQUIPMENT         | 0         | 0         | 0        | 0        | 9,657    | 64,836   | 0         | 15,507    | 0        | 0        | 0        | 0        |
| 334000   | WATER TREATMENT - GAC             | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 340000   | LAND AND LAND RIGHTS              | 20,395    | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 340100   | T & D LAND & RIGHTS OF WAY        | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 340110   | T & D LAND                        | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 340120   | T & D RIGHTS OF WAY               | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 340200   | DIST RES & STANDPIPE LAND         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 341000   | T & D STRUCTURES & IMP            | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 342000   | ELEVATED TANKS & STANDPIPES       | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 342003   | DIST RES & STANDPIPES             | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 342250   | GROUND LEVEL FACILITIES           | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 343000   | T & D MAINS                       | 3,515,232 | 2,525,675 | 345,150  | 578,397  | 765,284  | 513,485  | 1,783,023 | 1,191,924 | 368,277  | 615,711  | 429,808  | 439,415  |
| 345000   | SERVICES                          | 175,196   | 255,351   | 165,272  | 207,256  | 327,911  | 194,283  | 200,552   | 481,834   | 92,057   | 126,040  | 85,536   | 83,628   |
| 346000   | METERS                            | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 346100   | METERS - BRONZE CASE              | 34,545    | 42,376    | 15,281   | 36,592   | 39,184   | 57,663   | 50,674    | 92,489    | 21,315   | 32,257   | 26,130   | 10,135   |
| 346200   | METERS - PLASTIC CASE             | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 346300   | METERS - OTHER                    | 184,930   | 226,845   | 81,804   | 195,885  | 209,762  | 308,683  | 271,272   | 495,171   | 114,102  | 172,680  | 139,879  | 54,256   |
| 347000   | METER INSTALLATIONS               | 24,386    | 29,914    | 10,787   | 25,830   | 27,660   | 40,705   | 35,772    | 65,287    | 15,047   | 22,770   | 18,446   | 7,155    |
| 348000   | HYDRANTS                          | 40,704    | 61,474    | 20,294   | 36,370   | 63,432   | 13,802   | 21,846    | 22,865    | 7,050    | 32,365   | 16,454   | 9,057    |
| 389200   | STORES SHOP & GARAGE LAND         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 390000   | STRUCTURE & IMPROVEMENTS AG       | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 390100   | OFFICE STRUCTURES                 | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 10,000    | 0        | 0        | 0        | 0        |
| 390200   | STORES, SHOP & GAR STRUCT         | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 390300   | MISC STRUCTURES                   | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391000   | OFFICE FURNITURE                  | 80,000    | 85,000    | 55,000   | 30,000   | 0        | 0        | 0         | 0         | 12,000   | 12,267   | 11,333   | 11,067   |
| 391200   | MAINFRAME COMP & PERIPH EQPT      | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391210   | PERSONAL COMP & PERIPH EQPT       | 18,116    | 4,947     | 12,543   | 0        | 287      | 1,133    | 9,935     | 44,940    | 0        | 888      | 4,126    | 4,888    |
| 391220   | OTHER OFFICE MACH & EQPT          | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391250   | OFFICE MACH & EQPT - SOFTWARE     | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391260   | MAINFRAME SOFTWARE                | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391280   | PERSONAL COMP SOFTWARE            | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391300   | OTHER SOFTWARE                    | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 391300   | OTHER OFFICE EQUIPMENT            | 0         | 0         | 0        | 0        | 0        | 0        | 0         | 0         | 0        | 0        | 0        | 0        |
| 392110   | TRANS EQUIP - LIGHT TRUCKS        | 1,000     | 6,500     | 0        | 29,500   | 0        | 4,500    | 0         | 91,000    | 0        | 9,259    | 0        | 0        |



Kentucky-American Water Co  
 Deferred Maintenance Balance  
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| Work Order No.<br>Starting Date<br>Ending Date<br>Amort. Period<br>Total Cost<br>Initial Amort<br>Amort. Amount<br>Last Month Amort | Paint<br>Hall Tank<br>819<br>Apr-1994<br>Mar-2009<br>180 | Paint KRS<br>Cleanwell<br>916<br>Sep-1993<br>Aug-2008<br>180 | Paint<br>Cox Street<br>Tank<br>917<br>Sep-1993<br>Aug-2008<br>180 | Paint<br>KRS W/W<br>Tanks<br>918<br>Feb-1993<br>Aug-2008<br>180 | Paint<br>KRS<br>Cleanwell<br>919<br>Sep-1993<br>Aug-2008<br>180 | Paint<br>Cox Street<br>Tank<br>920<br>Sep-1993<br>Aug-2008<br>180 | RRS W/W<br>Tanks<br>942<br>Aug-1994<br>Jul-2009<br>180 | Paint<br>Hydrotreator<br># 9<br>943<br>Jan-1994<br>Dec-2008<br>180 | Hydrotreator<br># 10<br>959<br>Jan-1996<br>Jan-2010<br>180 | Paint<br>Hydrotreator<br># 10<br>965<br>Jan-1996<br>Jan-2010<br>180 |           |
|---|--|--|---|---|---|---|--|--|--|---|-----------|
|   | \$ 91,027.80   | \$ 10,497.60   | \$ 11,115.00  | \$ 178,689.60   | \$ 275,041.80   | \$ 376,745.40   | \$ 74,631.60   | \$ 163,022.40  | \$ 24,777.00   | \$ 123,444.00   |           |
|   | 505.71   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00  |           |
|   | 505.71   | 58.32  | 61.75   | 992.72  | 1,528.01  | 2,093.03  | 414.62   | 905.68   | 137.65   | 685.80  |           |
|   | 511.33   | 58.32  | 61.75   | 992.72  | 1,528.01  | 2,093.03  | 414.62   | 905.68   | 137.27   | 686.27  |           |
| Jul-2008  | \$505.71   | \$58.32  | \$61.75   | \$992.72  | \$1,528.01  | \$2,093.03  | \$4,975.44   | \$4,528.40   | \$3,991.85   | \$19,888.20   |           |
| Aug-2008  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 4,560.82   | 3,622.72   | 3,854.20   | 19,202.40   |           |
| Sep-2008  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 4,146.20   | 2,717.04   | 3,716.55   | 18,516.60   |           |
| Oct-2008  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 3,731.58   | 1,811.36   | 3,578.90   | 17,830.80   |           |
| Nov-2008  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 3,316.96   | 905.68   | 3,441.25   | 17,145.00   |           |
| Dec-2008  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 2,902.34   | 0.00   | 3,303.60   | 16,459.20   |           |
| Jan-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 2,487.72   | 0.00   | 3,165.95   | 15,773.40   |           |
| Feb-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 2,073.10   | 0.00   | 3,028.30   | 15,087.60   |           |
| Mar-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 1,658.48   | 0.00   | 2,890.65   | 14,401.80   |           |
| Apr-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 1,243.86   | 0.00   | 2,753.00   | 13,716.00   |           |
| May-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 829.24   | 0.00   | 2,615.35   | 13,030.20   |           |
| Jun-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 414.62   | 0.00   | 2,477.70   | 12,344.40   |           |
| Jul-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 2,340.05   | 11,658.60   |           |
| Aug-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 2,202.40   | 10,972.80   |           |
| Sep-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 2,064.75   | 10,287.00   |           |
| Oct-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,927.10   | 9,601.20  |           |
| Nov-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,789.45   | 8,915.40  |           |
| Dec-2009  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,651.80   | 8,229.60  |           |
| Jan-2010  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,514.15   | 7,543.80  |           |
| Feb-2010  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,376.50   | 6,858.00  |           |
| Mar-2010  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,238.85   | 6,172.20  |           |
| Apr-2010  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 1,101.20   | 5,486.40  |           |
| May-2010  | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 963.55   | 4,800.60  |           |
| Balance at End of<br>Base Period  | \$ -   | \$ -   | \$ -  | \$ -  | \$ -  | \$ -  | \$ 2,488   | \$ -   | \$ -   | \$ 3,166  | \$ 15,773 |
| Balance at End of<br>Forecasted Period  | \$ -   | \$ -   | \$ -  | \$ -  | \$ -  | \$ -  | \$ -   | \$ -   | \$ -   | \$ 964  | \$ 4,801  |
| Average Balance<br>for the Forecasted Period  | \$ -   | \$ -   | \$ -  | \$ -  | \$ -  | \$ -  | \$ 96  | \$ -   | \$ -   | \$ 1,789  | \$ 8,915  |



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| Work Order No.<br>Starting Date<br>Ending Date<br>Amort. Period | Paint<br>Hydrotreator<br># 3 | Paint<br>Hydrotreator<br># 8 | Paint<br>Hydrotreator<br># 5 | Paint<br>Hydrotreator<br># 6 | Paint<br>Hydrotreator<br># 4 | Paint<br>Hydrotreator<br># 7 | Blast & Paint<br>Hume Road<br>Tank | Paint<br>Hydrotreator<br># 1 | Paint<br>Hydrotreator<br># 2 | Repair<br>Cox Street<br>Tank | York Street<br>Tank<br>Repairs |
|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------------|------------------------------|------------------------------|------------------------------|--------------------------------|
| Total Cost  | \$ 180,120.60                | \$ 203,745.60                | \$ 180,876.60                | \$ 193,750.20                | \$ 223,993.80                | \$ 230,747.40                | \$ 386,982.00                      | \$ 264,466.80                | \$ 324,178.20                | \$ 74,998.80                 | \$ 49,703.40                   |
| Initial Amort   | 0.00                         | 0.00                         | 0.00                         | 1,044.06                     | 1,244.41                     | 1,277.93                     | 2,059.46                           | 1,469.26                     | 1,800.99                     | 416.66                       | 276.13                         |
| Amort. Amount   | 1,000.67                     | 1,131.92                     | 1,004.87                     | 1,076.39                     | 1,244.41                     | 1,281.93                     | 2,149.90                           | 1,469.26                     | 1,800.99                     | 416.66                       | 276.13                         |
| Last Month Amort  | 1,000.67                     | 1,131.92                     | 1,004.87                     | 1,464.32                     | 1,244.41                     | 1,281.93                     | 2,151.54                           | 1,469.26                     | 1,800.99                     | 416.66                       | 292.13                         |
| Jul-2008  | \$29,019.43                  | \$32,825.68                  | \$37,180.19                  | \$44,131.99                  | \$62,220.50                  | \$65,378.43                  | \$128,994.00                       | \$129,294.88                 | \$158,487.12                 | \$36,666.08                  | \$24,299.44                    |
| Aug-2008  | 28,018.76                    | 31,693.76                    | 36,175.32                    | 43,055.60                    | 60,976.09                    | 64,096.50                    | 126,844.10                         | 127,825.62                   | 156,686.13                   | 36,249.42                    | 24,023.31                      |
| Sep-2008  | 27,018.09                    | 30,561.84                    | 35,170.45                    | 41,979.21                    | 59,731.68                    | 62,814.57                    | 124,694.20                         | 126,356.36                   | 154,885.14                   | 35,832.76                    | 23,747.18                      |
| Oct-2008  | 26,017.42                    | 29,429.92                    | 34,165.58                    | 40,902.82                    | 58,487.27                    | 61,532.64                    | 122,544.30                         | 124,887.10                   | 153,084.15                   | 35,416.10                    | 23,471.05                      |
| Nov-2008  | 25,016.75                    | 28,298.00                    | 33,160.71                    | 39,826.43                    | 57,242.86                    | 60,250.71                    | 120,394.40                         | 123,417.84                   | 151,283.16                   | 34,999.44                    | 23,194.92                      |
| Dec-2008  | 24,016.08                    | 27,166.08                    | 32,155.84                    | 38,750.04                    | 55,998.45                    | 58,968.78                    | 118,244.50                         | 121,948.58                   | 149,482.17                   | 34,582.78                    | 22,918.79                      |
| Jan-2009  | 23,015.41                    | 26,034.16                    | 31,150.97                    | 37,673.65                    | 54,754.04                    | 57,686.85                    | 116,094.60                         | 120,479.32                   | 147,681.18                   | 34,166.12                    | 22,642.66                      |
| Feb-2009  | 22,014.74                    | 24,902.24                    | 30,146.10                    | 36,597.26                    | 53,509.63                    | 56,404.92                    | 113,944.70                         | 119,010.06                   | 145,880.19                   | 33,749.46                    | 22,366.53                      |
| Mar-2009  | 21,014.07                    | 23,770.32                    | 29,141.23                    | 35,520.87                    | 52,265.22                    | 55,122.99                    | 111,794.80                         | 117,540.80                   | 144,079.20                   | 33,332.80                    | 22,090.40                      |
| Apr-2009  | 20,013.40                    | 22,638.40                    | 28,136.36                    | 34,444.48                    | 51,020.81                    | 53,841.06                    | 109,644.90                         | 116,071.54                   | 142,278.21                   | 32,916.14                    | 21,814.27                      |
| May-2009  | 19,012.73                    | 21,506.48                    | 27,131.49                    | 33,368.09                    | 49,776.40                    | 52,559.13                    | 107,495.00                         | 114,602.28                   | 140,477.22                   | 32,499.48                    | 21,538.14                      |
| Jun-2009  | 18,012.06                    | 20,374.56                    | 26,126.62                    | 32,291.70                    | 48,531.99                    | 51,277.20                    | 105,345.10                         | 113,133.02                   | 138,676.23                   | 32,082.82                    | 21,262.01                      |
| Jul-2009  | 17,011.39                    | 19,242.64                    | 25,121.75                    | 31,215.31                    | 47,287.58                    | 49,995.27                    | 103,195.20                         | 111,663.76                   | 136,875.24                   | 31,666.16                    | 20,985.88                      |
| Aug-2009  | 16,010.72                    | 18,110.72                    | 24,116.88                    | 30,138.92                    | 46,043.17                    | 48,713.34                    | 101,045.30                         | 110,194.50                   | 135,074.25                   | 31,249.50                    | 20,709.75                      |
| Sep-2009  | 15,010.05                    | 16,978.80                    | 23,112.01                    | 29,062.53                    | 44,798.76                    | 47,431.41                    | 98,895.40                          | 108,725.24                   | 133,273.26                   | 30,832.84                    | 20,433.62                      |
| Oct-2009  | 14,009.38                    | 15,846.88                    | 22,107.14                    | 27,986.14                    | 43,554.35                    | 46,149.48                    | 96,745.50                          | 107,255.98                   | 131,472.27                   | 30,416.18                    | 20,157.49                      |
| Nov-2009  | 13,008.71                    | 14,714.96                    | 21,102.27                    | 26,909.75                    | 42,309.94                    | 44,867.55                    | 94,595.60                          | 105,786.72                   | 129,671.28                   | 29,999.52                    | 19,881.36                      |
| Dec-2009  | 12,008.04                    | 13,583.04                    | 20,097.40                    | 25,833.36                    | 41,065.53                    | 43,585.62                    | 92,445.70                          | 104,317.46                   | 127,870.29                   | 29,582.86                    | 19,605.23                      |
| Jan-2010  | 11,007.37                    | 12,451.12                    | 19,092.53                    | 24,756.97                    | 39,821.12                    | 42,303.69                    | 90,295.80                          | 102,848.20                   | 126,069.30                   | 29,166.20                    | 19,329.10                      |
| Feb-2010  | 10,006.70                    | 11,319.20                    | 18,087.66                    | 23,680.58                    | 38,576.71                    | 41,021.76                    | 88,145.90                          | 101,378.94                   | 124,268.31                   | 28,749.54                    | 19,052.97                      |
| Mar-2010  | 9,006.03                     | 10,187.28                    | 17,082.79                    | 22,604.19                    | 37,332.30                    | 39,739.83                    | 85,996.00                          | 99,909.68                    | 122,467.32                   | 28,332.88                    | 18,776.84                      |
| Apr-2010  | 8,005.36                     | 9,055.36                     | 16,077.92                    | 21,527.80                    | 36,087.99                    | 38,457.90                    | 83,846.10                          | 98,440.42                    | 120,666.33                   | 27,916.22                    | 18,500.71                      |
| May-2010  | 7,004.69                     | 7,923.44                     | 15,073.05                    | 20,451.41                    | 34,843.48                    | 37,175.87                    | 81,696.20                          | 96,971.16                    | 118,865.34                   | 27,499.56                    | 18,224.58                      |
| Balance at End of<br>Base Period                                | \$ 23,015 \$                 | 26,034 \$                    | 31,151 \$                    | 37,674 \$                    | 54,754 \$                    | 57,687 \$                    | 116,095 \$                         | 120,479 \$                   | 147,681 \$                   | 34,166 \$                    | 22,643 \$                      |
| Balance at End of<br>Forecasted Period                          | \$ 7,005 \$                  | 7,923 \$                     | 15,073 \$                    | 20,451 \$                    | 34,843 \$                    | 37,176 \$                    | 81,696 \$                          | 96,971 \$                    | 118,865 \$                   | 27,500 \$                    | 18,225 \$                      |
| Average Balance<br>for the Forecasted Period                    | \$ 13,009 \$                 | 14,715 \$                    | 21,102 \$                    | 26,910 \$                    | 42,310 \$                    | 44,868 \$                    | 94,596 \$                          | 105,787 \$                   | 129,671 \$                   | 30,000 \$                    | 19,881 \$                      |

Kentucky-American Water Co  
Deferred Maintenance Balance  
CASE NO: 2008-00427

| Work Order No.                            | Repair<br>Tates<br>Creek | Sadleville<br>Standpipe<br>Repairs | Cox Street<br>Tank<br>Repairs | Paint<br>Parkers Mill<br>Tank | Paint<br>Mercer Road<br>Tank | Paint<br>KRS<br>Cleanwell | Paint<br>Hydrotreater<br># 9 | Paint<br>Hall Tank | Paint<br>Cox Street<br>Tank | Paint<br>Tates<br>Creek | Paint<br>Hydrotreater<br># 3 |
|---|--------------------------|------------------------------------|-------------------------------|-------------------------------|------------------------------|---------------------------|------------------------------|--------------------|-----------------------------|-------------------------|------------------------------|
| Starting Date                             | 1105<br>Dec-2004         | 1106<br>Dec-2004                   | 50030635<br>Dec-2004          | Jun-2009                      | Jun-2009                     | Jun-2009                  | Jun-2009                     | Jun-2009           | Jun-2009                    | Jun-2009                | Jun-2009                     |
| Ending Date                               | Nov-2019                 | Nov-2019                           | Nov-2019                      | May-2024                      | May-2024                     | May-2024                  | May-2024                     | May-2024           | May-2024                    | May-2024                | May-2024                     |
| Amort. Period                             | 180                      | 180                                | 180                           | 180                           | 180                          | 180                       | 180                          | 180                | 180                         | 180                     | 180                          |
| Total Cost                                | \$ 68,382.39             | \$ 26,720.05                       | \$ 34,193.78                  | \$ 350,000.00                 | \$ 250,000.00                | \$ 300,000.00             | \$ 400,000.00                | \$ 150,000.00      | \$ 300,000.00               | \$ 150,000.00           | \$ 400,000.00                |
| Initial Amort                             | 379.91                   | 148.45                             | 192.08                        | 0.00                          | 0.00                         | 0.00                      | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Amort. Amount                             | 379.91                   | 148.45                             | 192.08                        | 1,944.44                      | 1,388.89                     | 1,666.67                  | 2,222.22                     | 833.33             | 1,666.67                    | 833.33                  | 2,222.22                     |
| Last Month Amort                          | 378.50                   | 147.50                             | 190.89                        | 1,944.44                      | 1,388.89                     | 1,666.67                  | 2,222.22                     | 833.33             | 1,666.67                    | 833.33                  | 2,222.22                     |
| Jul-2008                                  | \$52,747.74              | \$20,484.72                        | \$26,215.96                   | \$0.00                        | \$0.00                       | \$0.00                    | \$0.00                       | \$0.00             | \$0.00                      | \$0.00                  | \$0.00                       |
| Aug-2008                                  | 52,365.51                | 20,336.28                          | 26,025.89                     | 0.00                          | 0.00                         | 0.00                      | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Sep-2008                                  | 51,983.28                | 20,187.84                          | 25,835.92                     | 0.00                          | 0.00                         | 0.00                      | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Oct-2008                                  | 51,601.05                | 20,039.40                          | 25,645.95                     | 0.00                          | 0.00                         | 0.00                      | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Nov-2008                                  | 51,218.82                | 19,890.96                          | 25,455.98                     | 0.00                          | 0.00                         | 0.00                      | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Dec-2008                                  | 50,836.59                | 19,742.52                          | 25,266.01                     | 0.00                          | 0.00                         | 300,000.00                | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Jan-2009                                  | 50,454.36                | 19,594.08                          | 25,076.04                     | 0.00                          | 0.00                         | 300,000.00                | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Feb-2009                                  | 50,072.13                | 19,445.64                          | 24,886.07                     | 0.00                          | 0.00                         | 300,000.00                | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Mar-2009                                  | 49,689.90                | 19,297.20                          | 24,696.10                     | 0.00                          | 0.00                         | 300,000.00                | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Apr-2009                                  | 49,307.67                | 19,148.76                          | 24,506.13                     | 350,000.00                    | 250,000.00                   | 300,000.00                | 0.00                         | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| May-2009                                  | 48,925.44                | 19,000.32                          | 24,316.16                     | 350,000.00                    | 250,000.00                   | 300,000.00                | 400,000.00                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Jun-2009                                  | 48,543.21                | 18,851.88                          | 24,126.19                     | 348,055.56                    | 248,611.11                   | 298,333.33                | 397,777.78                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Jul-2009                                  | 48,160.98                | 18,703.44                          | 23,936.22                     | 346,111.11                    | 247,222.22                   | 296,666.67                | 395,555.56                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Aug-2009                                  | 47,778.75                | 18,555.00                          | 23,746.25                     | 344,166.67                    | 245,833.33                   | 295,000.00                | 393,333.33                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Sep-2009                                  | 47,396.52                | 18,406.56                          | 23,556.28                     | 342,222.22                    | 244,444.44                   | 293,333.33                | 391,111.11                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Oct-2009                                  | 47,014.29                | 18,258.12                          | 23,366.31                     | 340,277.78                    | 243,055.56                   | 291,666.67                | 388,888.89                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Nov-2009                                  | 46,632.06                | 18,109.68                          | 23,176.34                     | 338,333.33                    | 241,666.67                   | 290,000.00                | 386,666.67                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Dec-2009                                  | 46,249.83                | 17,961.24                          | 22,986.37                     | 336,388.89                    | 240,277.78                   | 288,333.33                | 384,444.44                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Jan-2010                                  | 45,867.60                | 17,812.80                          | 22,796.40                     | 334,444.44                    | 238,888.89                   | 286,666.67                | 382,222.22                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Feb-2010                                  | 45,485.37                | 17,664.36                          | 22,606.43                     | 332,500.00                    | 237,500.00                   | 285,000.00                | 380,000.00                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Mar-2010                                  | 45,103.14                | 17,515.92                          | 22,416.46                     | 330,555.56                    | 236,111.11                   | 283,333.33                | 377,777.78                   | 0.00               | 0.00                        | 0.00                    | 0.00                         |
| Apr-2010                                  | 44,720.91                | 17,367.48                          | 22,226.49                     | 328,611.11                    | 234,722.22                   | 281,666.67                | 375,555.56                   | 149,166.67         | 298,333.33                  | 149,166.67              | 0.00                         |
| May-2010                                  | 44,338.68                | 17,219.04                          | 22,036.52                     | 326,666.67                    | 233,333.33                   | 280,000.00                | 373,333.33                   | 148,333.33         | 296,666.67                  | 148,333.33              | 397,777.78                   |
| Balance at End of Base Period             | \$ 50,454                | \$ 19,594                          | \$ 25,076                     | \$ -                          | \$ -                         | \$ 300,000                | \$ -                         | \$ -               | \$ -                        | \$ -                    | \$ -                         |
| Balance at End of Forecasted Period       | \$ 44,339                | \$ 17,219                          | \$ 22,037                     | \$ 326,667                    | \$ 233,333                   | \$ 280,000                | \$ 373,333                   | \$ 148,333         | \$ 296,667                  | \$ 148,333              | \$ 397,778                   |
| Average Balance for the Forecasted Period | \$ 46,632                | \$ 18,110                          | \$ 23,176                     | \$ 338,333                    | \$ 241,667                   | \$ 290,000                | \$ 386,667                   | \$ 22,885          | \$ 45,769                   | \$ 22,885               | \$ 30,598                    |

**Kentucky-American Water Co**  
**Deferred Maintenance Balance**  
**CASE NO: 2008-00427**

| Work Order No.<br>Starting Date<br>Ending Date<br>Amort. Period<br>Total Cost<br>Initial Amort<br>Amort. Amount<br>Last Month Amort | Paint Hydrotreator # 2      |                            | Hydrant painting                        | Tri-Village Paint Long Ridge Tank         | Paint Sparta Tank                         | Paint Owenton (Perry) Tank | Deferred Maintenance Totals | Deferred State Income Taxes | Deferred Federal Income Taxes | Amort.         | Deferred Sit Expense | Deferred Fit Expense |
|---|-----------------------------|----------------------------|---|---|---|----------------------------|-----------------------------|-----------------------------|-------------------------------|----------------|----------------------|----------------------|
|   | Jun-2009<br>May-2024<br>180 | Jun-2009<br>May-2024<br>60 | 50030636<br>Feb-2005<br>Jan-2020<br>180 | 50100567<br>Dec-2007<br>11/31/2022<br>180 | 50100566<br>Dec-2007<br>11/31/2022<br>180 |                            |                             |                             |                               |                |                      |                      |
|   | \$ 400,000.00               | \$ 180,000.00              | \$ 145,755.96                           | \$ 106,564.32                             | \$ 106,564.32                             | \$ 368,210.84              | \$ 1,638,435.97             | \$ 96,306.16                | \$ 539,045.43                 | \$ (24,526.21) | \$ (1,472.00)        | \$ (8,069.00)        |
|   | 0.00                        | 0.00                       | 809.76                                  | 105,944.76                                | 105,944.76                                | 366,071.01                 | \$ 1,614,737.46             | \$ 96,884.25                | \$ 531,248.62                 | \$ (24,526.21) | \$ (1,472.00)        | \$ (8,069.00)        |
|   | 2,222.22                    | 3,000.00                   | 809.76                                  | 109,317.36                                | 105,325.19                                | 363,931.18                 | \$ 1,598,907.74             | \$ 95,934.46                | \$ 526,040.65                 | \$ (19,286.67) | \$ (1,157.00)        | \$ (6,345.00)        |
|   | 2,222.22                    | 3,000.00                   | 809.76                                  | 104,705.63                                | 104,705.63                                | 361,791.35                 | \$ 1,583,078.03             | \$ 94,984.68                | \$ 520,832.67                 | \$ (19,286.67) | \$ (1,157.00)        | \$ (6,345.00)        |
|   | 0.00                        | 176,543.03                 | 108,507.84                              | 104,086.07                                | 104,086.07                                | 359,651.52                 | \$ 1,567,248.33             | \$ 94,034.90                | \$ 515,624.70                 | \$ (19,286.67) | \$ (1,157.00)        | \$ (6,345.00)        |
|   | 0.00                        | 180,000.00                 | 107,698.08                              | 103,466.51                                | 103,466.51                                | 357,511.69                 | \$ 1,851,418.63             | \$ 111,085.12               | \$ 609,116.73                 | \$ (19,286.67) | \$ (1,157.00)        | \$ (6,345.00)        |
|   | 0.00                        | 180,000.00                 | 106,888.32                              | 102,846.94                                | 102,846.94                                | 355,371.86                 | \$ 1,833,037.63             | \$ 109,982.26               | \$ 603,069.38                 | \$ (18,380.99) | \$ (1,103.00)        | \$ (6,047.00)        |
|   | 0.00                        | 180,000.00                 | 106,078.56                              | 102,227.38                                | 102,227.38                                | 353,232.03                 | \$ 1,814,656.64             | \$ 108,879.40               | \$ 597,022.03                 | \$ (18,380.99) | \$ (1,103.00)        | \$ (6,047.00)        |
|   | 0.00                        | 180,000.00                 | 105,268.80                              | 101,607.82                                | 101,607.82                                | 351,092.20                 | \$ 1,796,275.65             | \$ 107,776.54               | \$ 590,974.69                 | \$ (18,380.99) | \$ (1,103.00)        | \$ (6,047.00)        |
|   | 0.00                        | 180,000.00                 | 104,459.04                              | 100,988.26                                | 100,988.26                                | 348,952.37                 | \$ 2,377,894.66             | \$ 142,673.68               | \$ 782,327.34                 | \$ (18,380.99) | \$ (1,103.00)        | \$ (6,047.00)        |
|   | 0.00                        | 180,000.00                 | 103,649.28                              | 100,368.69                                | 100,368.69                                | 346,812.54                 | \$ 2,759,513.66             | \$ 165,570.82               | \$ 907,880.00                 | \$ (18,380.99) | \$ (1,103.00)        | \$ (6,047.00)        |
|   | 0.00                        | 177,000.00                 | 102,839.52                              | 99,749.13                                 | 99,749.13                                 | 344,672.71                 | \$ 2,730,910.45             | \$ 163,854.63               | \$ 898,469.54                 | \$ (28,603.21) | \$ (1,716.00)        | \$ (9,411.00)        |
|   | 0.00                        | 174,000.00                 | 102,029.76                              | 99,129.57                                 | 99,129.57                                 | 342,532.88                 | \$ 2,702,307.23             | \$ 162,138.43               | \$ 889,059.08                 | \$ (28,603.21) | \$ (1,716.00)        | \$ (9,411.00)        |
|   | 0.00                        | 171,000.00                 | 101,220.00                              | 98,510.01                                 | 98,510.01                                 | 340,393.05                 | \$ 2,674,118.64             | \$ 160,447.12               | \$ 879,785.03                 | \$ (28,188.59) | \$ (1,691.00)        | \$ (9,274.00)        |
|   | 0.00                        | 168,000.00                 | 100,410.24                              | 97,890.44                                 | 97,890.44                                 | 338,253.22                 | \$ 2,645,930.05             | \$ 158,755.80               | \$ 870,510.99                 | \$ (28,188.59) | \$ (1,691.00)        | \$ (9,274.00)        |
|   | 397,777.78                  | 165,000.00                 | 99,600.48                               | 97,270.88                                 | 97,270.88                                 | 336,113.39                 | \$ 3,015,519.23             | \$ 180,931.15               | \$ 992,105.83                 | \$ (30,410.82) | \$ (1,825.00)        | \$ (10,005.00)       |
|   | 395,555.56                  | 162,000.00                 | 98,790.72                               | 96,651.32                                 | 96,651.32                                 | 333,973.56                 | \$ 2,985,108.41             | \$ 179,106.50               | \$ 982,100.67                 | \$ (30,410.82) | \$ (1,825.00)        | \$ (10,005.00)       |
|   | 393,333.33                  | 159,000.00                 | 97,980.96                               | 96,031.76                                 | 96,031.76                                 | 331,833.73                 | \$ 2,954,697.59             | \$ 177,281.86               | \$ 972,095.51                 | \$ (30,410.82) | \$ (1,825.00)        | \$ (10,005.00)       |
|   | 391,111.11                  | 156,000.00                 | 97,171.20                               | 95,412.19                                 | 95,412.19                                 | 329,693.90                 | \$ 2,924,286.78             | \$ 175,457.21               | \$ 962,090.35                 | \$ (30,410.82) | \$ (1,825.00)        | \$ (10,005.00)       |
|   | 388,888.89                  | 153,000.00                 | 96,361.44                               | 94,792.63                                 | 94,792.63                                 | 327,554.07                 | \$ 2,893,875.96             | \$ 173,632.56               | \$ 952,085.19                 | \$ (30,410.82) | \$ (1,825.00)        | \$ (10,005.00)       |
|   | 386,666.67                  | 150,000.00                 | 95,551.68                               | 94,173.07                                 | 94,173.07                                 | 325,414.24                 | \$ 2,863,465.14             | \$ 171,807.91               | \$ 942,080.03                 | \$ (30,410.82) | \$ (1,825.00)        | \$ (10,005.00)       |
|   | 384,444.44                  | 147,000.00                 | 94,741.92                               | 93,553.51                                 | 93,553.51                                 | 323,274.41                 | \$ 3,429,720.99             | \$ 205,783.26               | \$ 1,128,378.21               | \$ (33,744.15) | \$ (2,025.00)        | \$ (11,102.00)       |
|   | 382,222.22                  | 144,000.00                 | 93,932.16                               | 92,933.94                                 | 92,933.94                                 | 321,134.58                 | \$ 3,793,754.62             | \$ 227,625.28               | \$ 1,248,145.27               | \$ (35,966.37) | \$ (2,158.00)        | \$ (11,833.00)       |
| Balance at End of Base Period   | \$ -                        | \$ 180,000                 | \$ 106,888                              | \$ 102,847                                | \$ 102,847                                | \$ 355,372                 | \$ 1,833,038                | \$ 109,982                  | \$ 603,069                    | \$ (18,381)    | \$ (1,103)           | \$ (6,047)           |
| Balance at End of Forecasted Period   | \$ 382,222                  | \$ 144,000                 | \$ 93,932                               | \$ 92,934                                 | \$ 92,934                                 | \$ 321,135                 | \$ 3,793,755                | \$ 227,625                  | \$ 1,248,145                  | \$ (35,966)    | \$ (2,158)           | \$ (11,833)          |
| Average Balance for the Forecasted Period   | \$ 240,000                  | \$ 162,000                 | \$ 98,791                               | \$ 96,651                                 | \$ 96,651                                 | \$ 333,974                 | \$ 2,951,785                | \$ 177,107                  | \$ 971,137                    | \$ (29,549)    | \$ (1,773)           | \$ (9,722)           |

| KENTUCKY-AMERICAN WATER COMPANY           |                                |                  |               |                          |                 |                       |                |                  |               |
|---|--------------------------------|------------------|---------------|--------------------------|-----------------|-----------------------|----------------|------------------|---------------|
| CASE NO: 2008-00427                       |                                |                  |               |                          |                 |                       |                |                  |               |
| CALCULATION OF AVERAGE RATE BASE ELEMENTS |                                |                  |               |                          |                 |                       |                |                  |               |
| DEFERRED DEBITS                           |                                |                  |               |                          |                 |                       |                |                  |               |
|   | Acquisition Costs (Boonesboro) | Source Of Supply | NRW Study     | Water Conservation Study |                 | Deferred Debits Total | Deferred State | Deferred Federal | Income Taxes  |
| Starting Date                             | May-2001                       | Jan-2001         | Jun-2009      | Jun-2009                 |                 |                       |                |                  |               |
| Ending Date                               | Apr-2011                       | Dec-2040         | May-2014      | May-2014                 |                 |                       |                |                  |               |
| Amort. Period                             | 120                            | 480              | 60            | 60                       |                 |                       |                |                  |               |
| Total Cost                                | \$130,508.00                   | \$2,283,202.35   | \$140,700.00  | \$44,000.00              |                 |                       |                |                  |               |
| Amort. Amount                             | \$ 1,087.57                    | \$ 4,756.67      | \$2,345.00    | \$733.33                 |                 |                       |                |                  |               |
| Last Month Amort                          | \$ 1,086.81                    | \$ 4,757.42      | \$ 2,345.00   | \$ 733.33                |                 |                       |                |                  |               |
| Jul-2008                                  | \$ 35,889.70                   | \$ 1,850,334.63  | \$ -          | \$ -                     | \$ 1,886,224.33 | \$ 113,173.46         | \$ -           | \$ -             | \$ 620,567.80 |
| Aug-2008                                  | \$ 34,802.13                   | \$ 1,845,577.96  | \$ -          | \$ -                     | \$ 1,880,380.09 | \$ 112,822.81         | \$ -           | \$ -             | \$ 618,645.05 |
| Sep-2008                                  | \$ 33,714.55                   | \$ 1,840,821.29  | \$ -          | \$ -                     | \$ 1,874,535.84 | \$ 112,472.15         | \$ -           | \$ -             | \$ 616,722.29 |
| Oct-2008                                  | \$ 32,626.98                   | \$ 1,836,064.62  | \$ 35,175.00  | \$ 11,000.00             | \$ 1,914,866.60 | \$ 114,892.00         | \$ -           | \$ -             | \$ 629,991.11 |
| Nov-2008                                  | \$ 31,539.41                   | \$ 1,831,307.95  | \$ 70,350.00  | \$ 11,000.00             | \$ 1,944,197.36 | \$ 116,651.84         | \$ -           | \$ -             | \$ 639,640.93 |
| Dec-2008                                  | \$ 30,451.84                   | \$ 1,826,551.28  | \$ 105,525.00 | \$ 22,000.00             | \$ 1,984,528.12 | \$ 119,071.69         | \$ -           | \$ -             | \$ 652,909.75 |
| Jan-2009                                  | \$ 29,364.26                   | \$ 1,821,794.61  | \$ 140,700.00 | \$ 22,000.00             | \$ 2,013,858.87 | \$ 120,831.53         | \$ -           | \$ -             | \$ 662,559.57 |
| Feb-2009                                  | \$ 28,276.69                   | \$ 1,817,037.94  | \$ 140,700.00 | \$ 33,000.00             | \$ 2,019,014.63 | \$ 121,140.88         | \$ -           | \$ -             | \$ 664,255.81 |
| Mar-2009                                  | \$ 27,189.12                   | \$ 1,812,281.27  | \$ 140,700.00 | \$ 33,000.00             | \$ 2,013,170.39 | \$ 120,790.22         | \$ -           | \$ -             | \$ 662,333.06 |
| Apr-2009                                  | \$ 26,101.54                   | \$ 1,807,524.60  | \$ 140,700.00 | \$ 33,000.00             | \$ 2,007,326.14 | \$ 120,439.57         | \$ -           | \$ -             | \$ 660,410.30 |
| May-2009                                  | \$ 25,013.97                   | \$ 1,802,767.93  | \$ 140,700.00 | \$ 44,000.00             | \$ 2,012,481.90 | \$ 120,748.91         | \$ -           | \$ -             | \$ 662,106.55 |
| Jun-2009                                  | \$ 23,926.40                   | \$ 1,798,011.26  | \$ 138,355.00 | \$ 43,266.67             | \$ 2,003,559.32 | \$ 120,213.56         | \$ -           | \$ -             | \$ 659,171.02 |
| Jul-2009                                  | \$ 22,838.82                   | \$ 1,793,254.59  | \$ 136,010.00 | \$ 42,533.33             | \$ 1,994,636.75 | \$ 119,678.20         | \$ -           | \$ -             | \$ 656,235.49 |
| Aug-2009                                  | \$ 21,751.25                   | \$ 1,788,497.92  | \$ 133,665.00 | \$ 41,800.00             | \$ 1,985,714.17 | \$ 119,142.85         | \$ -           | \$ -             | \$ 653,299.96 |
| Sep-2009                                  | \$ 20,663.68                   | \$ 1,783,741.25  | \$ 131,320.00 | \$ 41,066.67             | \$ 1,976,791.59 | \$ 118,607.50         | \$ -           | \$ -             | \$ 650,364.43 |
| Oct-2009                                  | \$ 19,576.11                   | \$ 1,778,984.58  | \$ 128,975.00 | \$ 40,333.33             | \$ 1,967,869.02 | \$ 118,072.14         | \$ -           | \$ -             | \$ 647,428.91 |
| Nov-2009                                  | \$ 18,488.53                   | \$ 1,774,227.91  | \$ 126,630.00 | \$ 39,600.00             | \$ 1,958,946.44 | \$ 117,536.79         | \$ -           | \$ -             | \$ 644,493.38 |
| Dec-2009                                  | \$ 17,400.96                   | \$ 1,769,471.24  | \$ 124,285.00 | \$ 38,866.67             | \$ 1,950,023.87 | \$ 117,001.43         | \$ -           | \$ -             | \$ 641,557.85 |
| Jan-2010                                  | \$ 16,313.39                   | \$ 1,764,714.57  | \$ 121,940.00 | \$ 38,133.33             | \$ 1,941,101.29 | \$ 116,466.08         | \$ -           | \$ -             | \$ 638,622.32 |
| Feb-2010                                  | \$ 15,225.81                   | \$ 1,759,957.90  | \$ 119,595.00 | \$ 37,400.00             | \$ 1,932,178.71 | \$ 115,930.72         | \$ -           | \$ -             | \$ 635,686.80 |
| Mar-2010                                  | \$ 14,138.24                   | \$ 1,755,201.23  | \$ 117,250.00 | \$ 36,666.67             | \$ 1,923,256.14 | \$ 115,395.37         | \$ -           | \$ -             | \$ 632,751.27 |
| Apr-2010                                  | \$ 13,050.67                   | \$ 1,750,444.56  | \$ 114,905.00 | \$ 35,933.33             | \$ 1,914,333.56 | \$ 114,860.01         | \$ -           | \$ -             | \$ 629,815.74 |
| May-2010                                  | \$ 11,963.09                   | \$ 1,745,687.89  | \$ 112,560.00 | \$ 35,200.00             | \$ 1,905,410.98 | \$ 114,324.66         | \$ -           | \$ -             | \$ 626,880.21 |
| Balance at End of Base Year               | \$ 29,364                      | \$ 1,821,795     | \$ 140,700    | \$ 22,000                | \$ 2,013,859    | \$ 120,832            | \$ -           | \$ -             | \$ 662,560    |
| Balance at End of Forecasted Year         | \$ 11,963                      | \$ 1,745,688     | \$ 112,560    | \$ 35,200                | \$ 1,905,411    | \$ 114,325            | \$ -           | \$ -             | \$ 626,880    |
| Average Balance for the Forecasted Period | \$ 18,489                      | \$ 1,774,228     | \$ 126,630    | \$ 39,600                | \$ 1,958,946    | \$ 117,537            | \$ -           | \$ -             | \$ 644,493    |

**KENTUCKY-AMERICAN WATER COMPANY**  
**Case No. 2008-00427**  
**Forecasted Test Period Ending May 31, 2010**

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**KENTUCKY-AMERICAN WATER COMPANY  
LONG-TERM DEBT AVERAGING FOR FORECASTED PERIOD  
13 MONTH AVERAGE**

| Debt Issue Type & Rate | 13 Month Average      | Cost Rate At Issue | Cost Rate @ Maturity | Forecasted            |                       | Annualized Cost     | Average             |                       | Net Carrying Value |
|------------------------|-----------------------|--------------------|----------------------|-----------------------|-----------------------|---------------------|---------------------|-----------------------|--------------------|
|                        |                       |                    |                      | Amort of Issuance Exp | Unamortized Issue Exp |                     |                     |                       |                    |
| Series 6.87%           | 5,484,615             | 6.870%             | 8.009%               | 62,496                | 83,322                | 439,263             | 83,322              | 5,401,293             |                    |
| Series 6.96%           | 7,000,000             | 6.960%             | 7.006%               | 3,240                 | 45,158                | 490,420             | 45,158              | 6,954,842             |                    |
| Series 7.15%           | 7,500,000             | 7.150%             | 7.182%               | 2,424                 | 41,703                | 538,650             | 41,703              | 7,458,297             |                    |
| Series 6.99%           | 9,000,000             | 6.990%             | 7.026%               | 3,264                 | 60,341                | 632,340             | 60,341              | 8,939,659             |                    |
| Series 6.59%           | 47,000,000            | 6.590%             | 6.623%               | 15,406                | 430,073               | 3,112,810           | 430,073             | 46,569,927            |                    |
| Proposed 6.601%        | 45,500,000            | 6.601%             | 6.723%               | 55,500                | 522,250               | 3,058,965           | 522,250             | 44,977,750            |                    |
| Proposed 6.601%        | 17,333,333            | 6.601%             | 6.751%               | 26,000                | 233,000               | 1,170,173           | 233,000             | 17,100,333            |                    |
| Proposed 6.601%        | 1,076,923             | 6.601%             | 6.764%               | 1,750                 | 16,154                | 72,843              | 16,154              | 1,060,769             |                    |
|                        |                       |                    |                      | 0.005                 |                       |                     |                     |                       |                    |
| <b>TOTAL</b>           | <b>\$ 139,894,872</b> |                    |                      | <b>\$ 170,080</b>     | <b>\$ 1,432,000</b>   | <b>\$ 9,515,464</b> | <b>\$ 1,432,000</b> | <b>\$ 138,462,871</b> |                    |

**13 MONTH AVERAGE COST RATE** 6.87%

**KENTUCKY-AMERICAN WATER COMPANY  
PREFERRED STOCK AVERAGING FOR FORECASTED PERIOD  
13 MONTH AVERAGE**

| Debt Issue<br>Type &<br>Rate | 13 Month<br>Average | Cost Rate<br>At Issue | Cost Rate<br>@ Maturity | Forecasted<br>Amort of<br>Issuance Exp | Annualized<br>Cost | Average<br>Unamortized<br>Issue Exp | Net<br>Carrying<br>Value |
|------------------------------|---------------------|-----------------------|-------------------------|--|--------------------|-------------------------------------|--------------------------|
| Series B, 5 3/4%, \$100 Par  | 388,800             | 5.750%                | 5.750%                  | 0                                      | 22,356             | 0                                   | 388,800                  |
| Series C, 5 1/2%, \$100 Par  | 486,000             | 5.500%                | 5.500%                  | 0                                      | 26,730             | 0                                   | 486,000                  |
| Series D, 5%, \$100 Par      | 580,800             | 5.000%                | 5.000%                  | 0                                      | 29,040             | 0                                   | 580,800                  |
| 8.47% Series, \$100 Par      | 4,500,000           | 8.470%                | 8.487%                  | 768                                    | 381,915            | 20,818                              | 4,479,182                |
| TOTAL                        | <u>\$ 5,955,600</u> |                       |                         | <u>768</u>                             | <u>460,041</u>     | <u>20,818</u>                       | <u>\$ 5,934,782</u>      |

**13 MONTH AVERAGE COST RATE** 7.750%

KENTUCKY-AMERICAN WATER COMPANY  
LONG TERM DEBT

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| Line No. | Debt Issue Type & Rate | Interest Rate | Balance @ Jul-2008 | Balance @ Aug-2008 | Balance @ Sep-2008 | Balance @ Oct-2008 | Balance @ Nov-2008 | Balance @ Dec-2008 | Balance @ Jan-2009 | Balance @ Feb-2009 | Balance @ Mar-2009 | Balance @ Apr-2009 | Balance @ May-2009 | Balance @ Jun-2009 |
|----------|------------------------|---------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 2        |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 3        | GENERAL MORTGAGE BONDS |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 4        |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 5        | Series 6.87%           | 6.870%        | \$ 9,300,000       | 9,300,000          | 9,300,000          | 9,300,000          | 9,300,000          | 9,300,000          | 9,300,000          | 9,300,000          | 6,200,000          | 6,200,000          | 6,200,000          | 6,200,000          |
| 6        | Series 6.96%           | 6.960%        | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          | 7,000,000          |
| 7        | Series 7.15%           | 7.150%        | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          | 7,500,000          |
| 8        | Series 6.99%           | 6.990%        | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          | 9,000,000          |
| 9        | Series 6.59%           | 6.590%        | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         | 47,000,000         |
| 10       | Proposed 6.601%        | 6.601%        | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  |
| 11       | Proposed 6.601%        | 6.601%        | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  |
| 12       | Proposed 6.601%        | 6.601%        | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  |
| 13       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 14       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 15       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 16       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 17       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 18       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 19       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 20       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 21       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 22       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 23       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 24       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 25       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 26       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 27       | TOTAL                  |               | \$ 79,800,000      | \$ 79,800,000      | \$ 79,800,000      | \$ 79,800,000      | \$ 79,800,000      | \$ 79,800,000      | \$ 79,800,000      | \$ 79,800,000      | \$ 76,700,000      | \$ 76,700,000      | \$ 122,200,000     | \$ 122,200,000     |
| 28       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 29       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 30       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 31       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 32       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 33       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 34       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 35       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 36       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 37       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 38       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 39       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 40       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 41       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 42       |                        |               |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |



**KENTUCKY-AMERICAN WATER COMPANY  
LONG TERM DEBT**

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| Line No. | Debt Issue Type & Rate | Interest Rate | Balance @      |                |                |                |                |                |                |                |                |                |                |                |                | 13 Month Average |                |                |                |                |
|----------|------------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|
|          |                        |               | July-2009      | Aug-2009       | Sep-2009       | Oct-2009       | Nov-2009       | Dec-2009       | Jan-2010       | Feb-2010       | Mar-2010       | Apr-2010       | May-2010       |                |                |                  |                |                |                |                |
| 2        |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 3        |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 4        |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 5        | Series 6.87%           | 6.870%        | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000        | 6,200,000      | 6,200,000      | 6,200,000      | 6,200,000      |
| 6        | Series 6.96%           | 6.960%        | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000        | 7,000,000      | 7,000,000      | 7,000,000      | 7,000,000      |
| 7        | Series 7.15%           | 7.150%        | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000        | 7,500,000      | 7,500,000      | 7,500,000      | 7,500,000      |
| 8        | Series 6.99%           | 6.990%        | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000        | 9,000,000      | 9,000,000      | 9,000,000      | 9,000,000      |
| 9        | Series 6.59%           | 6.590%        | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000       | 47,000,000     | 47,000,000     | 47,000,000     | 47,000,000     |
| 10       | Proposed 6.601%        | 6.601%        | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000       | 45,500,000     | 45,500,000     | 45,500,000     | 45,500,000     |
| 11       | Proposed 6.601%        | 6.601%        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0                | 0              | 0              | 0              | 0              |
| 12       | Proposed 6.601%        | 6.601%        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0                | 0              | 0              | 0              | 0              |
| 13       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 14       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 15       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 16       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 17       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 18       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 19       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 20       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 21       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 22       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 23       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 24       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 25       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 26       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 27       | TOTAL                  |               | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000   | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 | \$ 122,200,000 |
| 28       |                        |               | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000   | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 | \$ 148,200,000 |
| 29       |                        |               | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000   | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 | \$ 145,100,000 |
| 30       |                        |               | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000   | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 | \$ 159,100,000 |
| 31       |                        |               | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333    | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  | \$ 17,333,333  |
| 32       |                        |               | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 0                | 0              | 0              | 0              | 0              |
| 33       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 34       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 35       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 36       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 37       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 38       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 39       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 40       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 41       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |
| 42       |                        |               |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |                |                |                |

KENTUCKY-AMERICAN WATER COMPANY  
UNAMORTIZED DEBT EXPENSE

| Line No. | Debt Issue Type & Rate                   | Balance @ Jul-2008 | Balance @ Aug-2008 | Balance @ Sep-2008 | Balance @ Oct-2008 | Balance @ Nov-2008 | Balance @ Dec-2008 | Balance @ Jan-2009 | Balance @ Feb-2009 | Balance @ Mar-2009 | Balance @ Apr-2009 | Balance @ May-2009 | Balance @ Jun-2009 |
|----------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 2        |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 3        | GENERAL MORTGAGE BONDS                   |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 4        |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 5        | Series 6.87%                             | 166,650            | 161,442            | 156,234            | 151,026            | 145,818            | 140,610            | 135,402            | 130,194            | 124,986            | 119,778            | 114,570            | 109,362            |
| 6        | Series 6.96%                             | 35,172             | 34,980             | 34,788             | 34,596             | 34,404             | 34,212             | 34,020             | 33,828             | 33,636             | 33,444             | 33,252             | 33,060             |
| 7        | Series 7.15%                             | 44,935             | 44,733             | 44,531             | 44,329             | 44,127             | 43,925             | 43,723             | 43,521             | 43,319             | 43,117             | 42,915             | 42,713             |
| 8        | Series 6.99%                             | 64,693             | 64,421             | 64,149             | 63,877             | 63,605             | 63,333             | 63,061             | 62,789             | 62,517             | 62,245             | 61,973             | 61,701             |
| 9        | Series 6.59%                             | 450,614            | 449,330            | 448,046            | 446,762            | 445,478            | 444,195            | 442,911            | 441,627            | 440,343            | 439,059            | 437,776            | 436,492            |
| 10       | Proposed 6.601%                          | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  |
| 11       | Proposed 6.601%                          | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  |
| 12       | Proposed 6.601%                          | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  |
| 13       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 14       | Series 8.5% w/o over life of 6.96% issue | 14,306             | 14,228             | 14,150             | 14,072             | 13,994             | 13,916             | 13,838             | 13,760             | 13,682             | 13,604             | 13,526             | 13,448             |
| 15       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 16       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 17       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 18       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 19       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 20       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |
| 21       | TOTAL                                    | \$ 776,369         | \$ 769,134         | \$ 761,898         | \$ 754,662         | \$ 747,426         | \$ 740,190         | \$ 732,955         | \$ 725,719         | \$ 718,483         | \$ 711,247         | \$ 1,254,011       | \$ 1,242,151       |

KENTUCKY-AMERICAN WATER COMPANY  
UNAMORTIZED DEBT EXPENSE

| Line No. | Debt Issue Type & Rate                   | Balance @ Jul-2009 | Balance @ Aug-2009 | Balance @ Sep-2009 | Balance @ Oct-2009 | Balance @ Nov-2009 | Balance @ Dec-2009 | Balance @ Jan-2010 | Balance @ Feb-2010 | Balance @ Mar-2010 | Balance @ Apr-2010 | Balance @ May-2010 | 13 Month Average |
|----------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|
| 2        | GENERAL MORTGAGE BONDS                   |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 3        | Series 6.87%                             | 104,154            | 98,946             | 93,738             | 88,530             | 83,322             | 78,114             | 72,906             | 67,698             | 62,490             | 57,282             | 52,074             | 83,322           |
| 4        | Series 6.96%                             | 32,868             | 32,676             | 32,484             | 32,292             | 32,100             | 31,908             | 31,716             | 31,524             | 31,332             | 31,140             | 30,948             | 32,100           |
| 5        | Series 7.15%                             | 42,511             | 42,309             | 42,107             | 41,905             | 41,703             | 41,501             | 41,299             | 41,097             | 40,895             | 40,693             | 40,491             | 41,703           |
| 6        | Series 6.99%                             | 61,429             | 61,157             | 60,885             | 60,613             | 60,341             | 60,069             | 59,797             | 59,525             | 59,253             | 58,981             | 58,709             | 60,341           |
| 7        | Series 6.59%                             | 435,208            | 433,924            | 432,640            | 431,357            | 430,073            | 428,789            | 427,505            | 426,221            | 424,938            | 423,654            | 422,370            | 430,073          |
| 8        | Proposed 6.601%                          | 540,750            | 536,125            | 531,500            | 526,875            | 522,250            | 517,625            | 513,000            | 508,375            | 503,750            | 499,125            | 494,500            | 522,250          |
| 9        | Proposed 6.601%                          | 0                  | 0                  | 0                  | 390,000            | 386,750            | 383,500            | 380,250            | 377,000            | 373,750            | 370,500            | 367,250            | 233,000          |
| 10       | Proposed 6.601%                          | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 210,000            | 16,154           |
| 11       | Series 8.5% w/o over life of 6.96% issue | 13,370             | 13,292             | 13,214             | 13,136             | 13,058             | 12,980             | 12,902             | 12,824             | 12,746             | 12,668             | 12,590             | 13,058           |
| 12       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 13       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 14       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 15       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 16       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 17       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 18       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 19       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 20       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 21       | TOTAL                                    | \$ 1,230,290       | \$ 1,218,429       | \$ 1,206,568       | \$ 1,194,707       | \$ 1,182,846       | \$ 1,171,000       | \$ 1,159,153       | \$ 1,147,306       | \$ 1,135,459       | \$ 1,123,612       | \$ 1,111,765       | \$ 1,432,000     |
| 22       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 23       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 24       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 25       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 26       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 27       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 28       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 29       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 30       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 31       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 32       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 33       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 34       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 35       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 36       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 37       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 38       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 39       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 40       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 41       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 42       |  |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |

KENTUCKY-AMERICAN WATER COMPANY  
LONG TERM DEBT EXPENSE AMORTIZATION

| Line No. | Debt Issue Type & Rate                   | Amount @ Jul-2008 | Amount @ Aug-2008 | Amount @ Sep-2008 | Amount @ Oct-2008 | Amount @ Nov-2008 | Amount @ Dec-2008 | Amount @ Jan-2009 | Amount @ Feb-2009 | Amount @ Mar-2009 | Amount @ Apr-2009 | Amount @ May-2009 | Amount @ Jun-2009 |
|----------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 2        |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 3        | GENERAL MORTGAGE BONDS                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4        |  | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             | 5,208             |
| 5        | Series 6.87%                             | 192               | 192               | 192               | 192               | 192               | 192               | 192               | 192               | 192               | 192               | 192               | 192               |
| 6        | Series 6.96%                             | 202               | 202               | 202               | 202               | 202               | 202               | 202               | 202               | 202               | 202               | 202               | 202               |
| 7        | Series 7.15%                             | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               |
| 8        | Series 6.99%                             | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               | 272               |
| 9        | Series 6.59%                             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             | 1,284             |
| 10       | Proposed 6.601%                          | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 11       | Proposed 6.601%                          | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 12       | Proposed 6.601%                          | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 13       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 14       | Series 8.5% w/o over life of 6.96% issue | 78                | 78                | 78                | 78                | 78                | 78                | 78                | 78                | 78                | 78                | 78                | 78                |
| 15       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 16       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 17       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 18       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 19       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 20       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 21       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 22       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 23       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 24       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 25       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 26       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 27       | TOTAL                                    | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 7,236          | \$ 11,861         |
| 28       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 29       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 30       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 31       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 32       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 33       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 34       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 35       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 36       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 37       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 38       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 39       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 40       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 41       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 42       |  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

KENTUCKY-AMERICAN WATER COMPANY  
 LONG TERM DEBT EXPENSE AMORTIZATION

| Line No. | Debt Issue Type & Rate                   | Amount @  |           |           |           |           |           |           |           |           |           |           |           | Amount @ May-2010 | Test Period Total |           |           |           |            |
|----------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-----------|-----------|-----------|------------|
|          |  | Jul-2009  | Aug-2009  | Sep-2009  | Oct-2009  | Nov-2009  | Dec-2009  | Jan-2010  | Feb-2010  | Mar-2010  | Apr-2010  | May-2010  |           |                   |                   |           |           |           |            |
| 1        |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 2        |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 3        | GENERAL MORTGAGE BONDS                   |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 4        |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 5        | Series 6.87%                             | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208     | 5,208             | 5,208             | 5,208     | 192       | 62,496    |            |
| 6        | Series 6.96%                             | 192       | 192       | 192       | 192       | 192       | 192       | 192       | 192       | 192       | 192       | 192       | 192       | 192               | 192               | 192       | 192       | 202       | 2,304      |
| 7        | Series 7.15%                             | 202       | 202       | 202       | 202       | 202       | 202       | 202       | 202       | 202       | 202       | 202       | 202       | 202               | 202               | 202       | 202       | 202       | 2,424      |
| 8        | Series 6.99%                             | 272       | 272       | 272       | 272       | 272       | 272       | 272       | 272       | 272       | 272       | 272       | 272       | 272               | 272               | 272       | 272       | 272       | 3,264      |
| 9        | Series 6.59%                             | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284     | 1,284             | 1,284             | 1,284     | 1,284     | 1,284     | 15,406     |
| 10       | Proposed 6.601%                          | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625     | 4,625             | 4,625             | 4,625     | 4,625     | 4,625     | 55,500     |
| 11       | Proposed 6.601%                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0                 | 0                 | 0         | 0         | 0         | 26,000     |
| 12       | Proposed 6.601%                          | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0                 | 0                 | 0         | 0         | 0         | 1,750      |
| 13       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 14       | Series 8.5% w/o over life of 6.96% issue | 78        | 78        | 78        | 78        | 78        | 78        | 78        | 78        | 78        | 78        | 78        | 78        | 78                | 78                | 78        | 78        | 78        | 936        |
| 15       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 16       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 17       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 18       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 19       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 20       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 21       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 22       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 23       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 24       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 25       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 26       |  |           |           |           |           |           |           |           |           |           |           |           |           |                   |                   |           |           |           |            |
| 27       | TOTAL                                    | \$ 11,861 | \$ 11,861 | \$ 11,861 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111 | \$ 15,111         | \$ 15,111         | \$ 15,111 | \$ 15,111 | \$ 16,861 | \$ 170,080 |

KENTUCKY-AMERICAN WATER COMPANY  
 INTEREST ON LONG TERM DEBT

| Line No. | Debt Issue Type & Rate | Amount @ Jul-2008 | Amount @ Aug-2008 | Amount @ Sep-2008 | Amount @ Oct-2008 | Amount @ Nov-2008 | Amount @ Dec-2008 | Amount @ Jan-2009 | Amount @ Feb-2009 | Amount @ Mar-2009 | Amount @ Apr-2009 | Amount @ May-2009 | Amount @ Jun-2009 |
|----------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 2        |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 3        | GENERAL MORTGAGE BONDS |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4        |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 5        | Series 6.87%           | 638,910           | 638,910           | 638,910           | 638,910           | 638,910           | 638,910           | 638,910           | 638,910           | 425,940           | 425,940           | 425,940           | 425,940           |
| 6        | Series 6.96%           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           | 487,200           |
| 7        | Series 7.15%           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           | 536,250           |
| 8        | Series 6.99%           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           | 629,100           |
| 9        | Series 6.59%           | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         | 3,097,300         |
| 10       | Proposed 6.601%        | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 11       | Proposed 6.601%        | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 12       | Proposed 6.601%        | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 13       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 14       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 15       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 16       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 17       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 18       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 19       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 20       | TOTAL                  | \$ 5,388,760      | \$ 5,388,760      | \$ 5,388,760      | \$ 5,388,760      | \$ 5,388,760      | \$ 5,388,760      | \$ 5,388,760      | \$ 5,388,760      | \$ 5,175,790      | \$ 5,175,790      | \$ 8,179,245      | \$ 8,179,245      |
| 21       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 22       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 23       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 24       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 25       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 26       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 27       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 28       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 29       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 30       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 31       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 32       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 33       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 34       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 35       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 36       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 37       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 38       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 39       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 40       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 41       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 42       |                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

KENTUCKY-AMERICAN WATER COMPANY  
INTEREST ON LONG TERM DEBT

| Line No. | Debt Issue Type & Rate | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | Amount @     | 13 Month Average |
|----------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
|          |                        | Jul-2009     | Aug-2009     | Sep-2009     | Oct-2009     | Nov-2009     | Dec-2009     | Jan-2010     | Feb-2010     | Mar-2010     | Apr-2010     | May-2010     |                  |
| 1        |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 2        |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 3        |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 4        |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 5        | GENERAL MORTGAGE BONDS |              |              |              |              |              |              |              |              |              |              |              |                  |
| 6        | Series 6.87%           | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 425,940      | 376,793          |
| 7        | Series 6.96%           | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200      | 487,200          |
| 8        | Series 7.15%           | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250      | 536,250          |
| 9        | Series 6.99%           | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100      | 629,100          |
| 10       | Series 6.59%           | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300    | 3,097,300        |
| 11       | Proposed 6.601%        | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455    | 3,003,455        |
| 12       | Proposed 6.601%        | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 1,056,160        |
| 13       |                        | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 0            | 71,088           |
| 14       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 15       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 16       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 17       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 18       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 19       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 20       | TOTAL                  | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 8,179,245 | \$ 9,257,346     |
| 21       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 22       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 23       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 24       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 25       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 26       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 27       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 28       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 29       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 30       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 31       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 32       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 33       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 34       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 35       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 36       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 37       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 38       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 39       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 40       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 41       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |
| 42       |                        |              |              |              |              |              |              |              |              |              |              |              |                  |

KENTUCKY-AMERICAN WATER COMPANY  
PREFERRED STOCK

| Line No. | Debt Issue Type & Rate     | Interest Rate | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ |
|----------|----------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|          |                            |               | Jul-2008  | Aug-2008  | Sep-2008  | Oct-2008  | Nov-2008  | Dec-2008  | Jan-2009  | Feb-2009  | Mar-2009  | Apr-2009  |
| 2        |                            |               |           |           |           |           |           |           |           |           |           |           |
| 3        |                            |               |           |           |           |           |           |           |           |           |           |           |
| 4        |                            |               |           |           |           |           |           |           |           |           |           |           |
| 5        | Series B, 5 3/4%, \$100 Pa | 5.750%        | 388,800   | 388,800   | 388,800   | 388,800   | 388,800   | 388,800   | 388,800   | 388,800   | 388,800   | 388,800   |
| 6        |                            |               |           |           |           |           |           |           |           |           |           |           |
| 7        | Series C, 5 1/2%, \$100 Pa | 5.500%        | 486,000   | 486,000   | 486,000   | 486,000   | 486,000   | 486,000   | 486,000   | 486,000   | 486,000   | 486,000   |
| 8        |                            |               |           |           |           |           |           |           |           |           |           |           |
| 9        | Series D, 5%, \$100 Par    | 5.000%        | 583,300   | 580,800   | 580,800   | 580,800   | 580,800   | 580,800   | 580,800   | 580,800   | 580,800   | 580,800   |
| 10       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 11       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 12       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 13       | 8.47% Series, \$100 Par    | 8.470%        | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 | 4,500,000 |
| 14       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 15       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 16       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 17       |                            |               |           |           |           |           |           |           |           |           |           |           |
| 18       | TOTAL                      |               | 5,958,100 | 5,955,600 | 5,955,600 | 5,955,600 | 5,955,600 | 5,955,600 | 5,955,600 | 5,955,600 | 5,955,600 | 5,955,600 |





KENTUCKY-AMERICAN WATER COMPANY  
UNAMORTIZED PREFERRED STOCK EXPENSE

| Line No. | Debt Issue Type & Rate      | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ | Balance @ |        |
|----------|-----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------|
|          |                             | Jul-2008  | Aug-2008  | Sep-2008  | Oct-2008  | Nov-2008  | Dec-2008  | Jan-2009  | Feb-2009  | Mar-2009  | Apr-2009  | May-2009  | Jun-2009  |        |
| 2        |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 3        | Series B, 5 3/4%, \$100 Par | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |        |
| 4        |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 5        | Series C, 5 1/2%, \$100 Par | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |        |
| 6        |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 7        | Series D, 5%, \$100 Par     | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |        |
| 8        |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 9        |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 10       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 11       | 8.47% Series, \$100 Par     | 21,842    | 21,778    | 21,714    | 21,650    | 21,586    | 21,522    | 21,458    | 21,394    | 21,330    | 21,266    | 21,202    | 21,138    |        |
| 12       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 13       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 14       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 15       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 16       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 17       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 18       | TOTAL                       |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 19       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 20       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 21       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 22       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 23       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 24       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 25       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 26       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 27       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 28       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 29       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 30       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 31       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 32       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 33       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 34       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 35       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 36       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 37       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 38       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 39       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 40       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 41       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
| 42       |                             |           |           |           |           |           |           |           |           |           |           |           |           |        |
|          |                             | \$        | 21,842 \$ | 21,778 \$ | 21,714 \$ | 21,650 \$ | 21,586 \$ | 21,522 \$ | 21,458 \$ | 21,394 \$ | 21,330 \$ | 21,266 \$ | 21,202 \$ | 21,138 |

KENTUCKY-AMERICAN WATER COMPANY  
UNAMORTIZED PREFERRED STOCK EXPENSE

| Line No. | Debt Issue Type & Rate      | Balance @ Jul-2009 | Balance @ Aug-2009 | Balance @ Sep-2009 | Balance @ Oct-2009 | Balance @ Nov-2009 | Balance @ Dec-2009 | Balance @ Jan-2010 | Balance @ Feb-2010 | Balance @ Mar-2010 | Balance @ Apr-2010 | Balance @ May-2010 | 13 Month Average |
|----------|-----------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|
| 2        |                             | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                |
| 3        | Series B, 5 3/4%, \$100 Par |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 4        |                             | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                |
| 5        | Series C, 5 1/2%, \$100 Par |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 6        |                             | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                |
| 7        | Series D, 5%, \$100 Par     |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 8        |                             | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                  | 0                |
| 9        |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 10       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 11       | 8.47% Series, \$100 Par     | 21,074             | 21,010             | 20,946             | 20,882             | 20,818             | 20,754             | 20,690             | 20,626             | 20,562             | 20,498             | 20,434             | 20,818           |
| 12       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 13       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 14       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 15       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 16       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 17       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 18       | TOTAL                       |                    | \$ 21,074          | \$ 20,946          | \$ 20,882          | \$ 20,818          | \$ 20,754          | \$ 20,690          | \$ 20,626          | \$ 20,562          | \$ 20,498          | \$ 20,434          | \$ 20,818        |
| 19       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 20       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 21       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 22       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 23       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 24       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 25       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 26       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 27       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 28       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 29       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 30       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 31       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 32       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 33       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 34       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 35       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 36       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 37       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 38       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 39       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 40       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 41       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |
| 42       |                             |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                  |

KENTUCKY-AMERICAN WATER COMPANY  
 PREFERRED STOCK EXPENSE AMORTIZATION

| Line No. | Debt Issue Type & Rate      | Amount @ Jul-2008 | Amount @ Aug-2008 | Amount @ Sep-2008 | Amount @ Oct-2008 | Amount @ Nov-2008 | Amount @ Dec-2008 | Amount @ Jan-2009 | Amount @ Feb-2009 | Amount @ Mar-2009 | Amount @ Apr-2009 | Amount @ May-2009 | Amount @ Jun-2009 |
|----------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 2        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 3        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 5        | Series B, 5 3/4%, \$100 Par | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 6        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 7        | Series C, 5 1/2%, \$100 Par | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 8        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 9        | Series D, 5%, \$100 Par     | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 10       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 11       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 12       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 13       | 8.47% Series, \$100 Par     | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                |
| 14       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 15       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 16       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 17       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 18       | TOTAL                       | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             | \$ 64             |
| 19       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 20       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 21       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 22       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 23       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 24       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 25       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 26       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 27       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 28       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 29       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 30       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 31       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 32       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 33       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 34       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 35       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 36       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 37       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 38       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 39       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 40       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 41       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 42       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

KENTUCKY-AMERICAN WATER COMPANY  
 PREFERRED STOCK EXPENSE AMORTIZATION

| Line No. | Debt Issue Type & Rate      | Amount @ Jul-2009 | Amount @ Aug-2009 | Amount @ Sep-2009 | Amount @ Oct-2009 | Amount @ Nov-2009 | Amount @ Dec-2009 | Amount @ Jan-2010 | Amount @ Feb-2010 | Amount @ Mar-2010 | Amount @ Apr-2010 | Amount @ May-2010 | Test Period Total |
|----------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 2        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 3        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 5        | Series B, 5 3/4%, \$100 Par | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 6        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 7        | Series C, 5 1/2%, \$100 Par | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 8        |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 9        | Series D, 5%, \$100 Par     | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 | 0                 |
| 10       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 11       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 12       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 13       | 8.47% Series, \$100 Par     | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 64                | 768               |
| 14       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 15       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 16       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 17       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 18       | TOTAL                       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 19       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 20       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 21       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 22       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 23       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 24       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 25       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 26       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 27       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 28       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 29       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 30       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 31       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 32       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 33       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 34       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 35       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 36       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 37       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 38       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 39       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 40       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 41       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 42       |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|          |                             | \$                | 64                | \$                | 64                | \$                | 64                | \$                | 64                | \$                | 64                | \$                | 64                |
|          |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   | \$                |
|          |                             |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   | 768               |



KENTUCKY-AMERICAN WATER COMPANY  
PREFERRED STOCK DIVIDENDS

| Line No. | Debt Issue Type & Rate      | Amount @   |            |            |            |            |            |            |            |            |            |            |            | 13 Month Average |            |            |            |
|----------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------|------------|------------|------------|
|          |                             | Jul-2009   | Aug-2009   | Sep-2009   | Oct-2009   | Nov-2009   | Dec-2009   | Jan-2010   | Feb-2010   | Mar-2010   | Apr-2010   | May-2010   |            |                  |            |            |            |
| 1        |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 2        |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 3        |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 4        |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 5        | Series B, 5 3/4%, \$100 Par | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356     | 22,356           | 22,356     | 22,356     | 22,356     |
| 6        |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 7        | Series C, 5 1/2%, \$100 Par | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730     | 26,730           | 26,730     | 26,730     | 26,730     |
| 8        |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 9        | Series D, 5%, \$100 Par     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040     | 29,040           | 29,040     | 29,040     | 29,040     |
| 10       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 11       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 12       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 13       | 8.47% Series, \$100 Par     | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150    | 381,150          | 381,150    | 381,150    | 381,150    |
| 14       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 15       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 16       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 17       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 18       | TOTAL                       | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276 | \$ 459,276       | \$ 459,276 | \$ 459,276 | \$ 459,276 |
| 19       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 20       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 21       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 22       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 23       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 24       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 25       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 26       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 27       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 28       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 29       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 30       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 31       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 32       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 33       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 34       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 35       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 36       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 37       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 38       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 39       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 40       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 41       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |
| 42       |                             |            |            |            |            |            |            |            |            |            |            |            |            |                  |            |            |            |

KENTUCKY-AMERICAN WATER COMPANY  
SHORT TERM DEBT

| Line No. | Amount @ Jul-2008 | Amount @ Aug-2008 | Amount @ Sep-2008 | Amount @ Oct-2008 | Amount @ Nov-2008 | Amount @ Dec-2008 | Amount @ Jan-2009 | Amount @ Feb-2009 | Amount @ Mar-2009 | Amount @ Apr-2009 | Amount @ May-2009 | Amount @ Jun-2009 |
|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 2        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 3        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 5        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 7        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 8        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 9        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 10       | \$ 12,169,482     | \$ 15,632,131     | \$ 26,388,301     | \$ 33,340,709     | \$ 38,565,230     | \$ 45,423,916     | \$ 62,333,176     | \$ 69,533,344     | \$ 56,572,921     | \$ 63,986,072     | \$ 24,302,187     | \$ 28,663,519     |
| 11       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 12       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 13       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 14       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 15       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 16       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 17       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 18       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 19       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 20       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 21       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 22       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 23       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 24       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 25       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 26       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 27       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 28       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 29       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 30       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 31       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 32       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 33       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 34       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 35       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 36       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 37       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 38       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |



**KENTUCKY-AMERICAN WATER COMPANY**  
**SHORT TERM DEBT**

| Line No. | Amount @ Jul-2009 | Amount @ Aug-2009 | Amount @ Sep-2009 | Amount @ Oct-2009 | Amount @ Nov-2009 | Amount @ Dec-2009 | Amount @ Jan-2010 | Amount @ Feb-2010 | Amount @ Mar-2010 | Amount @ Apr-2010 | Amount @ May-2010 | 13 Month Average |
|----------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|
| 1        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 2        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 3        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 4        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 5        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 6        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 7        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 8        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 9        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 10       | \$ 31,953,802     | \$ 35,266,370     | \$ 43,784,763     | \$ 14,472,369     | \$ 20,209,965     | \$ 31,428,844     | \$ 35,740,439     | \$ 38,956,619     | \$ 32,059,661     | \$ 41,571,158     | \$ 31,341,766     | \$ 31,520,883    |
| 11       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 12       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 13       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 14       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 15       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 16       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 17       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 18       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 19       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 20       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 21       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 22       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 23       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 24       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 25       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 26       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 27       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 28       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 29       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 30       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 31       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 32       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 33       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 34       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 35       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 36       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 37       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |
| 38       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                  |

KENTUCKY-AMERICAN WATER COMPANY  
COMMON EQUITY

| Line No. |                                  | Amount @<br>Jul-2008 | Amount @<br>Aug-2008 | Amount @<br>Sep-2008 | Amount @<br>Oct-2008 | Amount @<br>Nov-2008 | Amount @<br>Dec-2008 | Amount @<br>Jan-2009 | Amount @<br>Feb-2009 | Amount @<br>Mar-2009  | Amount @<br>Apr-2009  | Amount @<br>May-2009  | Amount @<br>Jun-2009  |
|----------|----------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 2        | BALANCE                          | \$ 91,907,695        | \$ 93,009,845        | \$ 94,395,753        | \$ 93,084,762        | \$ 94,028,264        | \$ 94,719,431        | \$ 93,018,288        | \$ 93,320,160        | \$ 93,689,508         | \$ 115,045,836        | \$ 115,489,560        | \$ 116,030,984        |
| 6        | ADD: EQUITY INFUSION             |                      |                      |                      |                      |                      |                      |                      |                      | 22,500,000            |                       |                       |                       |
| 9        | ADD: NET INCOME TO COMMON EQUIT  | 1,102,150            | 1,385,908            | (283,522)            | 943,502              | 691,167              | 555,298              | 301,872              | 369,348              | 459,536               | 443,724               | 541,424               | 1,279,732             |
|          | LESS: DIVIDENDS ON COMMON EQUITY |                      |                      | (1,027,469)          |                      |                      | (2,256,441)          |                      |                      | (1,603,208)           |                       |                       | (866,650)             |
| 15       |                                  | <u>\$ 93,009,845</u> | <u>\$ 94,395,753</u> | <u>\$ 93,084,762</u> | <u>\$ 94,028,264</u> | <u>\$ 94,719,431</u> | <u>\$ 93,018,288</u> | <u>\$ 93,320,160</u> | <u>\$ 93,689,508</u> | <u>\$ 115,045,836</u> | <u>\$ 115,489,560</u> | <u>\$ 116,030,984</u> | <u>\$ 116,444,066</u> |
| 16       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 17       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 18       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 19       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 20       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 21       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 22       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 23       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 24       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 25       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 26       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 27       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 28       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 29       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 30       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 31       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 32       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 33       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 34       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 35       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 36       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 37       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |
| 38       |                                  |                      |                      |                      |                      |                      |                      |                      |                      |                       |                       |                       |                       |

KENTUCKY-AMERICAN WATER COMPANY  
 COMMON EQUITY

| Line No. | Amount @ Jul-2009     | Amount @ Aug-2009     | Amount @ Sep-2009     | Amount @ Oct-2009     | Amount @ Nov-2009     | Amount @ Dec-2009     | Amount @ Jan-2010     | Amount @ Feb-2010     | Amount @ Mar-2010     | Amount @ Apr-2010     | Amount @ May-2010     | 13 Month Average      |
|----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 1        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 2        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 3        | \$ 116,444,066        | \$ 117,735,733        | \$ 119,224,184        | \$ 118,888,915        | \$ 130,156,107        | \$ 131,147,068        | \$ 128,828,553        | \$ 129,523,873        | \$ 130,254,434        | \$ 145,462,724        | \$ 146,262,906        |                       |
| 4        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 5        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 6        |                       |                       |                       | 10,000,000            |                       |                       |                       |                       | 16,000,000            |                       |                       |                       |
| 7        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 8        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 9        |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 10       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 11       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 12       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 13       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 14       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 15       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 16       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 17       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 18       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 19       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 20       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 21       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 22       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 23       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 24       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 25       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 26       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 27       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 28       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 29       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 30       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 31       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 32       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 33       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 34       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 35       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 36       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 37       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| 38       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
|          | <u>\$ 117,735,733</u> | <u>\$ 119,224,184</u> | <u>\$ 118,888,915</u> | <u>\$ 130,156,107</u> | <u>\$ 131,147,068</u> | <u>\$ 128,828,553</u> | <u>\$ 129,523,873</u> | <u>\$ 130,254,434</u> | <u>\$ 145,462,724</u> | <u>\$ 146,262,906</u> | <u>\$ 147,218,136</u> | <u>\$ 129,013,668</u> |

KENTUCKY-AMERICAN WATER COMPANY  
JDITC

| Line No. | Amount @ Jul-2008                 | Amount @ Aug-2008 | Amount @ Sep-2008 | Amount @ Oct-2008 | Amount @ Nov-2008 | Amount @ Dec-2008 | Amount @ Jan-2009 | Amount @ Feb-2009 | Amount @ Mar-2009 | Amount @ Apr-2009 | Amount @ May-2009 | Amount @ Jun-2009 |
|----------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 1        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 2        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 3        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 4        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 5        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 6        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 7        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 8        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 9        |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 10       | DEFERRED ITC (JDITC - 4% AND 10%) | \$ 1,070,984      | \$ 1,064,556      | \$ 1,058,128      | \$ 1,051,700      | \$ 1,045,272      | \$ 1,038,844      | \$ 1,032,416      | \$ 1,025,988      | \$ 1,019,560      | \$ 1,013,132      | \$ 1,006,704      |
| 11       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   | \$ 1,000,276      |
| 12       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 13       | DEFERRED ITC - 3%                 | \$ 97,362         | \$ 96,724         | \$ 96,086         | \$ 95,448         | \$ 94,810         | \$ 94,172         | \$ 93,534         | \$ 92,896         | \$ 92,258         | \$ 91,620         | \$ 90,982         |
| 14       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 15       | ANNUAL AMORTIZATION OF 3% ITC     | \$ 7,656          |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 16       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 17       | ANNUAL AMORTIZATION OF 4% ITC     | \$ 6,300          |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 18       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 19       | ANNUAL AMORTIZATION OF 10% ITC    | \$ 70,836         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 20       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 21       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| 22       |                                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |



**KENTUCKY-AMERICAN WATER COMPANY**  
**Case No. 2008-00427**  
**Forecasted Test Period Ending May 31, 2010**

**TABLE OF CONTENTS – WORKPAPERS FOR TARIFF FILINGS**

| <b><u>Description</u></b> | <b><u>Reference</u></b> |
|---------------------------|-------------------------|
| Tapping Fee               | W/P – 8-1               |

1202 - Central with Owen County

Account 12002002 - 5/8" & 3/4" Meter Installations

| Year         | Yearly Total<br>(Material, Labor, Etc.) | Number<br>Installed | Average<br>Cost |
|--------------|---|---------------------|-----------------|
| 2007         | \$222,083                               | 1,643               | \$135           |
| 2006         | \$499,518                               | 2,422               | \$206           |
| 2005         | \$424,272                               | 2,844               | \$149           |
| 2004         | \$405,977                               | 2,261               | \$180           |
| <b>Total</b> | <b>\$1,329,767</b>                      |                     |                 |
| 2005-2007    | Average =                               | 2,303               | \$164           |

Account 12005002 - 3/4" Svc Installations **\*\*Do not install**

| Year         | Yearly Total<br>(Material, Labor, Etc.) | Number<br>Installed | Average<br>Cost | Total<br>Cost |
|--------------|---|---------------------|-----------------|---------------|
|              |   |                     |                 | \$135         |
| 2006         |   | 0                   | \$0             | \$206         |
| 2005         |   | 0                   | \$0             | \$149         |
| 2004         |   | 0                   | \$0             | \$180         |
| <b>Total</b> | <b>\$0</b>                              |                     |                 |               |
| 2005-2007    | Average =                               | 0                   | \$0             | \$164         |

Account 12002102 - 1" Meter Installations

| Year         | Yearly Total<br>(Material, Labor, Etc.) | Number<br>Installed | Average<br>Cost |
|--------------|---|---------------------|-----------------|
| 2007         | \$18,318                                | 100                 | \$183           |
| 2006         | \$61,767                                | 126                 | \$490           |
| 2005         | \$41,525                                | 125                 | \$332           |
| 2004         | \$35,017                                | 121                 | \$289           |
| <b>Total</b> | <b>\$138,309</b>                        |                     |                 |
| 2005-2007    | Average =                               | 117                 | \$335           |

Account 12005102 - 1" Service Installations

| Year         | Yearly Total<br>(Material, Labor, Etc.) | Number<br>Installed | Average<br>Cost | Total<br>Cost |
|--------------|---|---------------------|-----------------|---------------|
| 2007         | \$919,257                               | 1,007               | \$913           | \$1,096       |
| 2006         | \$1,171,051                             | 1,464               | \$800           | \$1,290       |
| 2005         | \$1,153,633                             | 1,758               | \$656           | \$988         |
| 2004         | \$1,030,880                             | 1,404               | \$734           | \$1,024       |
| <b>Total</b> | <b>\$3,355,564</b>                      |                     |                 |               |
| 2005-2007    | Average =                               | 1,410               | \$790           | \$1,125       |

Account 12002302 - 2" Meter Installations

| Year         | Yearly Total<br>(Material, Labor, Etc.) | Number<br>Installed | Average<br>Cost |
|--------------|---|---------------------|-----------------|
| 2007         | 47,899                                  | 28                  | \$1,711         |
| 2006         | \$126,899                               | 73                  | \$1,738         |
| 2005         | \$126,134                               | 65                  | \$1,941         |
| 2004         | \$79,908                                | 47                  | \$1,700         |
| <b>Total</b> | <b>\$332,941</b>                        |                     |                 |
| 2005-2007    | Average =                               | 55                  | \$1,797         |

Account 12005302 - 2" Service Installations

| Year         | Yearly Total<br>(Material, Labor, Etc.) | Number<br>Installed | Average<br>Cost | Total<br>Cost |
|--------------|---|---------------------|-----------------|---------------|
| 2007         | \$39,025                                | 28                  | \$1,394         | \$3,104       |
| 2006         | \$59,298                                | 73                  | \$812           | \$2,551       |
| 2005         | \$53,139                                | 65                  | \$818           | \$2,758       |
| 2004         | \$46,136                                | 47                  | \$982           | \$2,682       |
| <b>Total</b> | <b>\$158,573</b>                        |                     |                 |               |
| 2005-2007    | Average =                               | 55                  | \$1,008         | \$2,804       |

Residential Service Cost

|      | 3/4" Service & Meter | Cost  | 3/4" Meter<br>Dual | Cost      | Total<br>Residential Cost |
|------|----------------------|-------|--------------------|-----------|---------------------------|
| 2007 | 0                    | \$135 | 1,643              | \$592     | \$662                     |
| 2006 | 0                    | \$206 | 2,422              | \$606     | \$606                     |
| 2005 | 0                    | \$149 | 2,844              | \$477     | \$477                     |
| 2004 | 0                    | \$180 | 2,261              | \$547     | \$547                     |
|      |                      |       |                    | Average = | \$582                     |

| 1" Service<br>for Duals | x 2   |
|-------------------------|-------|
| 907                     | 1,814 |
| 1,338                   | 2,676 |
| 1,633                   | 3,266 |
| 1,283                   | 2,566 |

| Tap fee:   | 3-yr avg<br>Service | 2007<br>Meter/MIU | Total   |
|------------|---------------------|-------------------|---------|
| 5/8" meter | \$582               | \$121             | \$702   |
| 1" meter   | \$1,125             | \$162             | \$1,287 |
| 2" meter   | \$2,804             | \$325             | \$3,129 |

| Rate case # | Increase | % Diff      |
|-------------|----------|-------------|
| 2007-00143  | \$660    | \$42 6.41%  |
|             | \$1,254  | \$33 2.66%  |
|             | \$2,945  | \$184 6.25% |

| Prior Tap Fee | 3-yr avg<br>Service | 2007<br>Meter/MIU | Total   |
|---------------|---------------------|-------------------|---------|
| 5/8" meter    | \$543               | \$117             | \$660   |
| 1" meter      | \$1,100             | \$154             | \$1,254 |
| 2" meter      | \$2,663             | \$282             | \$2,945 |

| Rate case # | Increase | % Diff            |
|-------------|----------|-------------------|
| 2004-00103  | \$510    | \$150 29.41%      |
|             | \$945    | \$309 32.70%      |
|             | \$4,250  | (\$1,305) -30.71% |

| Prior Tap fee: | 3-yr avg<br>Service | 2004<br>Meter(only) | Total   |
|----------------|---------------------|---------------------|---------|
| 5/8" meter     | \$465               | \$45                | \$510   |
| 1" meter       | \$861               | \$82                | \$944   |
| 2" meter       | \$3,945             | \$299               | \$4,244 |

| Previous | Increase | % Diff | Rate case # |
|----------|----------|--------|-------------|
| \$440    | \$70     | 15.91% | 2000-120    |
| \$765    | \$180    | 23.53% |             |
| \$3,175  | \$1,075  | 33.86% |             |

2008 contract meter prices - Neptune Meter Company

| Size       | Description                                | Meter Cost | MIU Cost | Subtotal | 6% tax | total  |
|------------|--|------------|----------|----------|--------|--------|
| 5/8" meter | ED2B11R7F8S788 - 5/8<br>x 3/4 T-10 C/I 302 | 46.78      | 67.00    | 113.78   | 6.83   | 120.61 |
| 1" meter   | ED2F11R7F8S788 - 1 T-<br>10 C/I 302        | 86.27      | 67.00    | 153.27   | 9.20   | 162.47 |
| 2" meter   | ED2J11R7F8S788 - 2 T-<br>10 OVAL           | 239.19     | 67.00    | 306.19   | 18.37  | 324.56 |





**Kentucky American Water Company**  
**Tap Fee Calculation**  
**TFH Invoices**

|        | 07-04 Fay | 07-04-Sco | 07-04-Bour | 07-05-Fay | 07-05-Bour | 07-05-Sco | 07-05-Clark | Walnut hill | 07-06-Fay | 07-06-Sco |
|--------|-----------|-----------|------------|-----------|------------|-----------|-------------|-------------|-----------|-----------|
| 14,440 | 11,140    | 7,070     | 180        | 5,790     | 90         | 830       | -           | -           | 14,560    | 1,960     |
| 630    | 400       | 340       | 90         | 590       | -          | 90        | 170         | -           | 480       | 90        |
| 660    | 1,320     | 330       | -          | 990       | -          | -         | -           | -           | -         | -         |
| -      | -         | -         | -          | -         | -          | -         | -           | -           | -         | -         |
| 50,894 | 47,157    | 28,135    | 1,125      | 26,025    | 653        | 2,425     | 1,305       | -           | 52,409    | 7,395     |
| 1,000  | 2,000     | 500       | -          | 1,500     | -          | -         | -           | 11,165      | -         | -         |
| 67,624 | 62,017    | 36,375    | 1,395      | 34,895    | 743        | 3,345     | 1,475       | 11,165      | 67,449    | 9,445     |

**Kentucky American Water Comp:**  
**Tap Fee Calculation**  
**TFH Invoices**

|                | 07-06-Bour | 07-06-Clarl | 07-07-Clarl | 07-07-Clarl | 07-07-Fay | 07-08-Clarl | 07-08-Clarl | 07-08-Clarl | 07-08-Clarl | 07-08-Clarl | 07-09-Clarl | 07-09-Clarl | 07-09-Clarl | 07-10-Clarl | 07-10-Clarl | 07-10-Clarl | 07-10-Clarl | 07-10-Clarl | 07-10-Clarl | 07-10-Clarl |
|----------------|------------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 5/8" settings  | 180        | -           | 90          | 3,680       | 7,980     | 1,160       | 8,850       | -           | 180         | 1,400       | 90          | 10,580      | 9,030       | 90          | 60          | 2,910       |             |             |             |             |
| 1" settings    | 90         | 150         | -           | 90          | 590       | 270         | 570         | 90          | -           | 150         | -           | 420         | 1,350       | -           | -           | -           |             |             |             |             |
| 2" settings    | -          | -           | -           | -           | 330       | -           | 990         | -           | -           | -           | -           | 1,980       | 660         | -           | -           | -           |             |             |             |             |
| 3/4" services* | -          | -           | -           | -           | -         | -           | -           | -           | 1,330       | -           | -           | -           | -           | -           | 650         | 670         |             |             |             |             |
| 1" services    | 1,675      | 750         | 375         | 11,512      | 32,879    | 4,632       | 43,915      | 375         | -           | 6,340       | 650         | 48,657      | 46,877      | -           | -           | 6,250       |             |             |             |             |
| 2" services    | 1,945      | 900         | 465         | 15,282      | 42,679    | 6,062       | 56,225      | 465         | 1,510       | 7,890       | 740         | 65,837      | 58,917      | 740         | 730         | 9,160       |             |             |             |             |

**Kentucky American Water Compe  
 Tap Fee Calculation**

| TFH Invoices   | 07-10-Bour | 07-11-Fay | 07-11-Harr | 07-11-Sc | 07-12-Fay | 07-12-Sc | 07-12-Har | 07-13-Bour | 07-13-Sc | 07-13-Fay | Total   |
|----------------|------------|-----------|------------|----------|-----------|----------|-----------|------------|----------|-----------|---------|
| 5/8" settings  | -          | 8,610     | 90         | 14,930   | 3,100     | 11,370   | 90        | 90         | 3,950    | 3,380     | 155,300 |
| 1" settings    | 180        | 870       | -          | 180      | 60        | -        | -         | -          | 90       | 90        | 8,350   |
| 2" settings    | -          | 990       | -          | -        | 660       | -        | -         | -          | -        | 330       | 9,570   |
| 3/4" services* | -          | -         | -          | -        | -         | -        | -         | -          | -        | -         | 2,650   |
| 1" services    | 1,025      | 53,524    | 655        | 24,760   | 11,100    | 16,297   | 375       | 375        | 7,628    | 12,925    | 587,524 |
| 2" services    | -          | 2,700     | -          | -        | 1,000     | -        | -         | -          | -        | 1,200     | 29,965  |
|                | 1,205      | 66,694    | 745        | 39,870   | 15,920    | 27,667   | 465       | 465        | 11,668   | 17,925    | 793,359 |

173,220

620,139

Kentucky American Water Company  
Tap Fee Calculation

| Services                              | Overhead less 1" Services materials and contract labor | 1" Services Materials & labor | 2" services Materials & labor | 1" Services + overhead | 2" services + overhead | 3/4" Meter Installations + overhead | 1" Meter Installations + overhead | 2" Meter Settings Materials & labor | 1" Meter Settings Materials & labor | 3/4" Meter Installations + overhead | 2" Meter Installations + overhead | 1" Meter Installations + overhead | 2" Meter Installations + overhead | 3/4" Owen Services and meter settings |
|---------------------------------------|--|-------------------------------|-------------------------------|------------------------|------------------------|-------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|---------------------------------------|
| 958,282.61                            | 95,369.94  | 827,771.20                    | 35,141.47                     | 919,257.27             | 39,025.34              | 958,282.61                          |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| Meter Installations                   | 288,301  | (54,619)                      | 264,158                       | 21,789                 | 222,083                | 18,318                              | 47,899                            | 288,301                             |                                     |                                     |                                   |                                   |                                   |                                       |
| 12300086                              | 3,244.53   | 7,193.61                      | 4,183.90                      | 13,946.03              | 9,702.06               | 4,143.31                            | 7,711.49                          |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 12320086                              |  |                               |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 1230-G1                               | 0.00   | 0.00                          | 0.00                          | 0.00                   | 1,913.64               | 1,874.74                            | -1,874.74                         |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 1232-G1                               | 0.00   | 0.00                          | 0.00                          | 0.00                   | 0.00                   | 7,748.91                            | 0.00                              |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 12300403                              |  |                               |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| Single Services                       |  |                               |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| Dual Services                         |  |                               |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 12300088                              | 183.07   | 205.56                        | 93.42                         | 0.00                   | 157.64                 | 368.27                              | 3,812.45                          |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 12320088                              | 0.00   | 0.00                          | 0.00                          | 0.00                   | 0.00                   | 95.56                               | 0.00                              |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 1230-I1                               | 0.00   | 0.00                          | 0.00                          | 0.00                   | 0.00                   | 7,748.91                            | 0.00                              |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 3/4" Owen Services and meter settings |  |                               |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 266,028.07                            | 228  | 1,166.79                      |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |
| 145,183.25                            | 52   | 2,791.99                      |                               |                        |                        |                                     |                                   |                                     |                                     |                                     |                                   |                                   |                                   |                                       |

686.62

**KENTUCKY-AMERICAN WATER COMPANY**  
**Case No. 2087-00427**  
**Forecasted Test Period Ending May 31, 2010**

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NORMALIZATION**

**Description**

**Reference**

Weather Normalization

W/P – 9-1

**Kentucky American - Total Residential Sales, Consumption and Bill Days**  
*January 1998 - August 2008*

| District Code    | Rate Class | Bill Month | Bill Year | Bill Count | Total Water Sales | Total Consumption 1000 Gallons | Total Bill Days | Cons/day | Avg days p/bill |
|------------------|------------|------------|-----------|------------|-------------------|--------------------------------|-----------------|----------|-----------------|
| Lexington - EDIS | 1          | 1          | 1998      | 84,353     | 1,428,550.80      | 416,286                        | 2,618,793       | 0.1590   | 31.05           |
| Lexington - EDIS | 1          | 2          | 1998      | 85,016     | 1,466,398.38      | 426,759                        | 2,607,624       | 0.1637   | 30.67           |
| Lexington - EDIS | 1          | 3          | 1998      | 86,822     | 1,369,255.99      | 381,276                        | 2,413,621       | 0.1580   | 27.80           |
| Lexington - EDIS | 1          | 4          | 1998      | 85,404     | 1,451,459.28      | 420,030                        | 2,615,378       | 0.1606   | 30.62           |
| Lexington - EDIS | 1          | 5          | 1998      | 85,359     | 1,461,251.12      | 424,195                        | 2,475,907       | 0.1713   | 29.01           |
| Lexington - EDIS | 1          | 6          | 1998      | 86,101     | 1,537,515.50      | 459,513                        | 2,471,504       | 0.1859   | 28.70           |
| Lexington - EDIS | 1          | 7          | 1998      | 86,562     | 1,649,973.18      | 513,110                        | 2,652,036       | 0.1935   | 30.64           |
| Lexington - EDIS | 1          | 8          | 1998      | 86,689     | 1,709,764.53      | 542,593                        | 2,600,109       | 0.2087   | 29.99           |
| Lexington - EDIS | 1          | 9          | 1998      | 86,488     | 1,856,643.06      | 607,388                        | 2,478,549       | 0.2451   | 28.66           |
| Lexington - EDIS | 1          | 10         | 1998      | 87,431     | 1,863,863.43      | 611,519                        | 2,558,935       | 0.2390   | 29.27           |
| Lexington - EDIS | 1          | 11         | 1998      | 87,390     | 1,573,085.53      | 472,137                        | 2,510,169       | 0.1881   | 28.72           |
| Lexington - EDIS | 1          | 12         | 1998      | 88,642     | 1,470,876.80      | 422,573                        | 2,606,891       | 0.1621   | 29.41           |
| Lexington - EDIS | 1          | 1          | 1999      | 87,945     | 1,543,048.07      | 457,157                        | 2,820,100       | 0.1621   | 32.07           |
| Lexington - EDIS | 1          | 2          | 1999      | 87,844     | 1,390,567.31      | 393,672                        | 2,397,142       | 0.1642   | 27.29           |
| Lexington - EDIS | 1          | 3          | 1999      | 87,025     | 1,373,914.15      | 382,877                        | 2,424,132       | 0.1579   | 27.86           |
| Lexington - EDIS | 1          | 4          | 1999      | 87,125     | 1,528,229.03      | 449,397                        | 2,837,496       | 0.1584   | 32.57           |
| Lexington - EDIS | 1          | 5          | 1999      | 87,105     | 1,511,312.60      | 440,659                        | 2,496,526       | 0.1765   | 28.66           |
| Lexington - EDIS | 1          | 6          | 1999      | 87,894     | 1,785,816.08      | 570,765                        | 2,508,172       | 0.2276   | 28.54           |
| Lexington - EDIS | 1          | 7          | 1999      | 88,076     | 1,938,374.57      | 643,166                        | 2,750,604       | 0.2338   | 31.23           |
| Lexington - EDIS | 1          | 8          | 1999      | 88,991     | 1,901,598.68      | 624,767                        | 2,568,234       | 0.2433   | 28.86           |
| Lexington - EDIS | 1          | 9          | 1999      | 89,196     | 1,845,114.33      | 594,158                        | 2,749,378       | 0.2161   | 30.82           |
| Lexington - EDIS | 1          | 10         | 1999      | 88,971     | 1,665,439.16      | 507,716                        | 2,606,010       | 0.1948   | 29.29           |
| Lexington - EDIS | 1          | 11         | 1999      | 89,207     | 1,520,762.61      | 437,751                        | 2,541,394       | 0.1722   | 28.49           |
| Lexington - EDIS | 1          | 12         | 1999      | 89,266     | 1,508,930.27      | 432,318                        | 2,699,369       | 0.1602   | 30.24           |
| Lexington - EDIS | 1          | 1          | 2000      | 88,887     | 1,550,828.92      | 450,526                        | 2,797,128       | 0.1611   | 31.47           |
| Lexington - EDIS | 1          | 2          | 2000      | 90,177     | 1,477,669.88      | 416,686                        | 2,600,962       | 0.1602   | 28.84           |
| Lexington - EDIS | 1          | 3          | 2000      | 90,452     | 1,436,479.87      | 395,993                        | 2,596,469       | 0.1525   | 28.71           |
| Lexington - EDIS | 1          | 4          | 2000      | 89,635     | 1,487,961.71      | 419,944                        | 2,711,555       | 0.1549   | 30.25           |
| Lexington - EDIS | 1          | 5          | 2000      | 90,394     | 1,547,064.49      | 446,897                        | 2,591,335       | 0.1725   | 28.67           |
| Lexington - EDIS | 1          | 6          | 2000      | 91,214     | 1,832,084.68      | 581,937                        | 2,838,505       | 0.2050   | 31.12           |
| Lexington - EDIS | 1          | 7          | 2000      | 91,392     | 1,915,119.57      | 621,742                        | 2,818,025       | 0.2206   | 30.83           |
| Lexington - EDIS | 1          | 8          | 2000      | 92,662     | 1,740,959.38      | 543,764                        | 2,560,077       | 0.2124   | 27.63           |
| Lexington - EDIS | 1          | 9          | 2000      | 91,591     | 1,801,117.85      | 565,353                        | 2,964,232       | 0.1907   | 32.36           |
| Lexington - EDIS | 1          | 10         | 2000      | 92,614     | 1,592,210.66      | 465,139                        | 2,577,474       | 0.1805   | 27.83           |
| Lexington - EDIS | 1          | 11         | 2000      | 92,003     | 1,599,201.79      | 466,889                        | 2,751,326       | 0.1697   | 29.90           |
| Lexington - EDIS | 1          | 12         | 2000      | 92,197     | 1,585,103.38      | 435,808                        | 2,749,609       | 0.1585   | 29.82           |
| Lexington - EDIS | 1          | 1          | 2001      | 93,215     | 1,705,891.52      | 469,731                        | 2,797,735       | 0.1679   | 30.01           |
| Lexington - EDIS | 1          | 2          | 2001      | 94,186     | 1,607,772.80      | 429,323                        | 2,782,789       | 0.1543   | 29.55           |
| Lexington - EDIS | 1          | 3          | 2001      | 93,233     | 1,510,802.14      | 385,640                        | 2,570,666       | 0.1500   | 27.57           |
| Lexington - EDIS | 1          | 4          | 2001      | 92,944     | 1,597,897.51      | 424,477                        | 2,806,670       | 0.1512   | 30.20           |
| Lexington - EDIS | 1          | 5          | 2001      | 93,239     | 1,826,959.39      | 524,744                        | 2,639,733       | 0.1988   | 28.31           |
| Lexington - EDIS | 1          | 6          | 2001      | 93,363     | 1,908,915.52      | 550,632                        | 2,924,494       | 0.1883   | 31.32           |
| Lexington - EDIS | 1          | 7          | 2001      | 93,299     | 1,997,059.06      | 589,634                        | 2,755,929       | 0.2140   | 29.54           |
| Lexington - EDIS | 1          | 8          | 2001      | 94,792     | 1,899,412.98      | 529,128                        | 2,727,831       | 0.1940   | 28.78           |
| Lexington - EDIS | 1          | 9          | 2001      | 93,538     | 1,917,016.24      | 550,019                        | 2,952,865       | 0.1863   | 31.57           |
| Lexington - EDIS | 1          | 10         | 2001      | 93,948     | 1,819,727.10      | 508,031                        | 2,564,842       | 0.1981   | 27.30           |
| Lexington - EDIS | 1          | 11         | 2001      | 94,558     | 1,781,104.76      | 484,604                        | 2,983,488       | 0.1624   | 31.55           |
| Lexington - EDIS | 1          | 12         | 2001      | 94,082     | 1,669,395.15      | 438,317                        | 2,692,973       | 0.1628   | 28.62           |
| Lexington - EDIS | 1          | 1          | 2002      | 99,614     | 1,848,746.44      | 429,463                        | 3,125,618       | 0.1374   | 31.38           |
| Lexington - EDIS | 1          | 2          | 2002      | 88,733     | 1,513,112.87      | 457,793                        | 2,694,059       | 0.1699   | 30.36           |
| Lexington - EDIS | 1          | 3          | 2002      | 94,228     | 1,554,082.86      | 386,561                        | 2,593,207       | 0.1491   | 27.52           |
| Lexington - EDIS | 1          | 4          | 2002      | 94,426     | 1,597,419.56      | 404,563                        | 2,712,534       | 0.1491   | 28.73           |
| Lexington - EDIS | 1          | 5          | 2002      | 95,204     | 1,711,609.69      | 453,890                        | 2,878,151       | 0.1577   | 30.23           |
| Lexington - EDIS | 1          | 6          | 2002      | 95,557     | 1,914,236.37      | 543,843                        | 2,884,056       | 0.1886   | 30.18           |
| Lexington - EDIS | 1          | 7          | 2002      | 95,898     | 2,156,473.46      | 650,435                        | 2,804,864       | 0.2319   | 29.25           |
| Lexington - EDIS | 1          | 8          | 2002      | 96,766     | 2,291,548.42      | 711,602                        | 2,919,495       | 0.2437   | 30.17           |
| Lexington - EDIS | 1          | 9          | 2002      | 96,089     | 2,227,192.87      | 681,960                        | 2,868,441       | 0.2377   | 29.85           |
| Lexington - EDIS | 1          | 10         | 2002      | 96,185     | 1,930,402.86      | 549,386                        | 2,767,194       | 0.1985   | 28.77           |
| Lexington - EDIS | 1          | 11         | 2002      | 96,056     | 1,727,566.03      | 455,879                        | 2,889,885       | 0.1577   | 30.09           |
| Lexington - EDIS | 1          | 12         | 2002      | 95,781     | 1,711,959.41      | 450,809                        | 2,842,036       | 0.1586   | 29.67           |
| Lexington - EDIS | 1          | 1          | 2003      | 96,547     | 1,731,241.13      | 459,996                        | 3,098,462       | 0.1485   | 32.09           |
| Lexington - EDIS | 1          | 2          | 2003      | 96,909     | 1,705,807.64      | 446,223                        | 2,985,188       | 0.1495   | 30.80           |
| Lexington - EDIS | 1          | 3          | 2003      | 96,605     | 1,639,567.99      | 417,774                        | 2,704,448       | 0.1545   | 27.99           |
| Lexington - EDIS | 1          | 4          | 2003      | 96,782     | 1,666,054.25      | 430,979                        | 2,833,682       | 0.1521   | 29.28           |
| Lexington - EDIS | 1          | 5          | 2003      | 102,121    | 1,850,105.93      | 497,993                        | 3,027,167       | 0.1645   | 29.64           |
| Lexington - EDIS | 1          | 6          | 2003      | 88,484     | 1,549,955.01      | 409,063                        | 2,647,724       | 0.1545   | 29.92           |
| Lexington - EDIS | 1          | 7          | 2003      | 103,189    | 2,108,758.35      | 609,330                        | 3,038,876       | 0.2005   | 29.45           |
| Lexington - EDIS | 1          | 8          | 2003      | 99,295     | 2,027,010.23      | 586,936                        | 2,991,513       | 0.1962   | 30.13           |

**Kentucky American - Total Residential Sales, Consumption and Bill Days**  
*January 1998 - August 2008*

| District Code          | Rate Class | Bill Month | Bill Year | Bill Count | Total Water Sales | Total Consumption<br>1000 Gallons | Total Bill Days | Cons/day | Avg days<br>p/bill |
|------------------------|------------|------------|-----------|------------|-------------------|-----------------------------------|-----------------|----------|--------------------|
| Lexington - EDIS       | 1          | 9          | 2003      | 99,045     | 1,962,650.92      | 555,529                           | 2,924,583       | 0.1900   | 29.53              |
| Combined EDIS and ECIS | 1          | 10         | 2003      | 106,591    | 1,822,345.61      | 495,427                           | 3,092,435       | 0.1602   | 29.01              |
| 1210                   | 1          | 11         | 2003      | 99,320     | 1,750,836.47      | 457,871                           | 2,954,367       | 0.1550   | 29.75              |
| 1210                   | 1          | 12         | 2003      | 97,973     | 1,698,732.92      | 433,484                           | 2,874,549       | 0.1508   | 29.34              |
| 1210                   | 1          | 1          | 2004      | 97,911     | 1,831,261.01      | 491,149                           | 3,229,850       | 0.1521   | 32.99              |
| 1210                   | 1          | 2          | 2004      | 97,713     | 1,689,246.80      | 427,291                           | 2,761,720       | 0.1547   | 28.26              |
| 1210                   | 1          | 3          | 2004      | 103,669    | 1,823,099.47      | 470,266                           | 3,063,844       | 0.1535   | 29.55              |
| 1210                   | 1          | 4          | 2004      | 93,257     | 1,694,597.36      | 447,812                           | 2,931,875       | 0.1527   | 31.44              |
| 1210                   | 1          | 5          | 2004      | 94,441     | 1,675,503.89      | 436,198                           | 2,787,471       | 0.1565   | 29.52              |
| 1210                   | 1          | 6          | 2004      | 105,594    | 1,976,926.94      | 535,618                           | 3,146,321       | 0.1702   | 29.80              |
| 1210                   | 1          | 7          | 2004      | 100,668    | 1,919,734.89      | 526,674                           | 3,009,950       | 0.1750   | 29.90              |
| 1210                   | 1          | 8          | 2004      | 107,164    | 1,997,909.97      | 541,762                           | 3,090,223       | 0.1753   | 28.84              |
| 1210                   | 1          | 9          | 2004      | 96,016     | 1,848,256.75      | 508,880                           | 2,981,370       | 0.1707   | 31.05              |
| 1210                   | 1          | 10         | 2004      | 100,627    | 1,869,689.06      | 502,015                           | 2,959,798       | 0.1696   | 29.41              |
| 1210                   | 1          | 11         | 2004      | 95,659     | 1,647,851.26      | 420,638                           | 2,751,455       | 0.1529   | 28.76              |
| 1210                   | 1          | 12         | 2004      | 105,186    | 1,986,032.28      | 483,049                           | 3,290,039       | 0.1468   | 31.28              |
| 1210                   | 1          | 1          | 2005      | 100,494    | 2,069,378.23      | 467,128                           | 3,075,232       | 0.1519   | 30.60              |
| 1210                   | 1          | 2          | 2005      | 100,521    | 1,960,516.10      | 425,504                           | 2,898,858       | 0.1468   | 28.84              |
| 1210                   | 1          | 3          | 2005      | 101,423    | 1,874,931.01      | 409,912                           | 2,860,362       | 0.1433   | 28.20              |
| 1210                   | 1          | 4          | 2005      | 101,671    | 1,662,546.71      | 464,621                           | 3,169,960       | 0.1466   | 31.18              |
| 1210                   | 1          | 5          | 2005      | 102,270    | 1,939,718.01      | 472,686                           | 2,933,241       | 0.1611   | 28.68              |
| 1210                   | 1          | 6          | 2005      | 102,893    | 2,275,942.23      | 595,917                           | 3,074,289       | 0.1938   | 29.88              |
| 1210                   | 1          | 7          | 2005      | 103,090    | 2,653,503.92      | 748,183                           | 3,176,897       | 0.2355   | 30.82              |
| 1210                   | 1          | 8          | 2005      | 104,868    | 2,465,648.57      | 669,417                           | 2,883,588       | 0.2321   | 27.50              |
| 1210                   | 1          | 9          | 2005      | 103,314    | 2,552,666.20      | 705,375                           | 3,343,024       | 0.2110   | 32.36              |
| 1210                   | 1          | 10         | 2005      | 103,824    | 2,292,429.43      | 596,994                           | 3,040,049       | 0.1964   | 29.28              |
| 1210                   | 1          | 11         | 2005      | 103,785    | 2,013,027.54      | 481,833                           | 2,902,126       | 0.1660   | 27.96              |
| 1210                   | 1          | 12         | 2005      | 103,238    | 1,989,759.06      | 474,063                           | 3,118,092       | 0.1520   | 30.20              |
| 1210                   | 1          | 1          | 2006      | 103,384    | 2,080,057.93      | 509,290                           | 3,333,749       | 0.1528   | 32.25              |
| 1210                   | 1          | 2          | 2006      | 99,525     | 1,778,152.06      | 402,280                           | 2,892,329       | 0.1391   | 29.06              |
| 1210                   | 1          | 3          | 2006      | 109,980    | 1,944,896.43      | 434,132                           | 3,047,485       | 0.1425   | 27.71              |
| 1210                   | 1          | 4          | 2006      | 100,295    | 1,934,777.54      | 462,578                           | 3,186,138       | 0.1452   | 31.77              |
| 1210                   | 1          | 5          | 2006      | 112,797    | 2,085,513.27      | 484,408                           | 3,050,024       | 0.1588   | 27.04              |
| 1210                   | 1          | 6          | 2006      | 103,831    | 2,192,552.97      | 557,197                           | 3,220,658       | 0.1730   | 31.02              |
| 1210                   | 1          | 7          | 2006      | 102,577    | 2,294,511.81      | 601,379                           | 3,135,132       | 0.1918   | 30.56              |
| 1210                   | 1          | 8          | 2006      | 113,778    | 2,498,565.81      | 650,920                           | 3,154,694       | 0.2063   | 27.73              |
| 1210                   | 1          | 9          | 2006      | 106,539    | 2,412,012.13      | 636,325                           | 3,362,843       | 0.1892   | 31.56              |
| 1210                   | 1          | 10         | 2006      | 106,124    | 2,036,389.96      | 485,577                           | 3,028,225       | 0.1604   | 28.53              |
| 1210                   | 1          | 11         | 2006      | 105,419    | 1,994,771.10      | 468,186                           | 3,178,910       | 0.1473   | 30.16              |
| 1210                   | 1          | 12         | 2006      | 105,363    | 1,943,605.75      | 447,992                           | 3,113,107       | 0.1439   | 29.55              |
| 1210                   | 1          | 1          | 2007      | 106,954    | 1,993,853.07      | 467,238                           | 3,243,575       | 0.1441   | 30.33              |
| 1210                   | 1          | 2          | 2007      | 100,080    | 1,855,175.42      | 432,576                           | 3,021,672       | 0.1432   | 30.19              |
| 1210                   | 1          | 3          | 2007      | 112,486    | 1,982,218.46      | 446,006                           | 3,091,331       | 0.1443   | 27.48              |
| 1210                   | 1          | 4          | 2007      | 105,897    | 1,957,273.05      | 454,071                           | 3,225,194       | 0.1408   | 30.46              |
| 1210                   | 1          | 5          | 2007      | 106,567    | 1,977,939.31      | 462,326                           | 2,980,279       | 0.1551   | 27.97              |
| 1210                   | 1          | 6          | 2007      | 106,923    | 2,603,668.18      | 715,749                           | 3,360,411       | 0.2130   | 31.43              |
| 1210                   | 1          | 7          | 2007      | 106,600    | 2,485,673.60      | 669,104                           | 3,155,336       | 0.2121   | 29.60              |
| 1210                   | 1          | 8          | 2007      | 108,392    | 2,386,472.56      | 625,239                           | 3,094,783       | 0.2020   | 28.55              |
| 1210                   | 1          | 9          | 2007      | 106,664    | 2,595,224.96      | 712,469                           | 3,367,213       | 0.2116   | 31.57              |
| 1210                   | 1          | 10         | 2007      | 107,291    | 2,188,256.46      | 545,217                           | 2,919,872       | 0.1867   | 27.21              |
| 1210                   | 1          | 11         | 2007      | 106,703    | 2,162,924.74      | 533,455                           | 3,349,238       | 0.1593   | 31.39              |
| 1210                   | 1          | 12         | 2007      | 106,352    | 2,039,023.55      | 438,571                           | 3,072,619       | 0.1427   | 28.89              |
| 1210                   | 1          | 1          | 2008      | 106,675    | 2,338,241.75      | 469,474                           | 3,340,826       | 0.1405   | 31.32              |
| 1210                   | 1          | 2          | 2008      | 106,605    | 2,311,506.05      | 465,033                           | 3,252,529       | 0.1430   | 30.51              |
| 1210                   | 1          | 3          | 2008      | 106,829    | 2,142,924.60      | 411,894                           | 2,970,129       | 0.1387   | 27.80              |
| 1210                   | 1          | 4          | 2008      | 107,112    | 2,157,145.54      | 415,288                           | 3,090,803       | 0.1344   | 28.86              |
| 1210                   | 1          | 5          | 2008      | 107,215    | 2,339,330.89      | 474,252                           | 3,218,861       | 0.1473   | 30.02              |
| 1210                   | 1          | 6          | 2008      | 108,133    | 2,563,988.43      | 545,333                           | 3,181,697       | 0.1714   | 29.42              |
| 1210                   | 1          | 7          | 2008      | 108,859    | 2,754,074.97      | 605,190                           | 3,177,927       | 0.1904   | 29.19              |
| 1210                   | 1          | 8          | 2008      | 109,330    | 2,933,522.99      | 663,084                           | 3,260,669       | 0.2034   | 29.82              |

**Kentucky American - Total Commercial Sales, Consumption and Bill Days**  
*January 1998 - August 2008*

| District Code    | Rate Class | Bill Month | Bill Year | Bill Count | Total Water Sales | Total Consumption 1000 Gallons | Total Bill Days | Cons/day | Avg days p/bill |
|------------------|------------|------------|-----------|------------|-------------------|--------------------------------|-----------------|----------|-----------------|
| Lexington - EDIS | 2          | 1          | 1998      | 7,946      | 734,927.36        | 301,589                        | 244,884         | 1.2316   | 30.82           |
| Lexington - EDIS | 2          | 2          | 1998      | 7,763      | 764,169.63        | 314,081                        | 238,896         | 1.3147   | 30.77           |
| Lexington - EDIS | 2          | 3          | 1998      | 8,069      | 706,418.27        | 285,855                        | 223,499         | 1.2790   | 27.70           |
| Lexington - EDIS | 2          | 4          | 1998      | 7,821      | 778,951.87        | 324,729                        | 241,415         | 1.3451   | 30.87           |
| Lexington - EDIS | 2          | 5          | 1998      | 7,799      | 779,336.87        | 322,915                        | 224,404         | 1.4390   | 28.77           |
| Lexington - EDIS | 2          | 6          | 1998      | 7,862      | 821,358.72        | 344,095                        | 227,162         | 1.5148   | 28.89           |
| Lexington - EDIS | 2          | 7          | 1998      | 7,916      | 933,872.90        | 401,167                        | 246,563         | 1.6270   | 31.15           |
| Lexington - EDIS | 2          | 8          | 1998      | 7,850      | 949,607.36        | 409,339                        | 237,059         | 1.7267   | 30.20           |
| Lexington - EDIS | 2          | 9          | 1998      | 7,845      | 1,009,750.64      | 427,252                        | 216,744         | 1.9712   | 27.63           |
| Lexington - EDIS | 2          | 10         | 1998      | 7,967      | 991,963.06        | 444,955                        | 234,873         | 1.8945   | 29.48           |
| Lexington - EDIS | 2          | 11         | 1998      | 7,917      | 843,732.46        | 354,073                        | 228,375         | 1.5504   | 28.85           |
| Lexington - EDIS | 2          | 12         | 1998      | 7,995      | 747,890.35        | 313,140                        | 235,328         | 1.3307   | 29.43           |
| Lexington - EDIS | 2          | 1          | 1999      | 7,939      | 798,202.44        | 330,350                        | 257,988         | 1.2805   | 32.50           |
| Lexington - EDIS | 2          | 2          | 1999      | 8,027      | 719,135.88        | 292,376                        | 220,648         | 1.3251   | 27.49           |
| Lexington - EDIS | 2          | 3          | 1999      | 7,890      | 711,706.62        | 291,592                        | 219,183         | 1.3304   | 27.78           |
| Lexington - EDIS | 2          | 4          | 1999      | 7,864      | 809,151.74        | 337,323                        | 256,208         | 1.3166   | 32.58           |
| Lexington - EDIS | 2          | 5          | 1999      | 7,807      | 817,565.46        | 339,461                        | 227,637         | 1.4912   | 29.16           |
| Lexington - EDIS | 2          | 6          | 1999      | 7,858      | 910,118.03        | 386,158                        | 226,579         | 1.7043   | 28.83           |
| Lexington - EDIS | 2          | 7          | 1999      | 7,864      | 1,059,668.92      | 462,036                        | 250,790         | 1.8423   | 31.89           |
| Lexington - EDIS | 2          | 8          | 1999      | 7,864      | 1,084,387.23      | 475,361                        | 230,015         | 2.0667   | 29.25           |
| Lexington - EDIS | 2          | 9          | 1999      | 7,880      | 932,630.94        | 397,280                        | 248,098         | 1.6013   | 31.48           |
| Lexington - EDIS | 2          | 10         | 1999      | 7,901      | 894,645.92        | 380,275                        | 231,921         | 1.6397   | 29.35           |
| Lexington - EDIS | 2          | 11         | 1999      | 7,920      | 798,068.84        | 328,313                        | 228,664         | 1.4358   | 28.87           |
| Lexington - EDIS | 2          | 12         | 1999      | 7,837      | 753,837.92        | 306,771                        | 238,693         | 1.2852   | 30.46           |
| Lexington - EDIS | 2          | 1          | 2000      | 7,853      | 768,172.29        | 313,812                        | 247,976         | 1.2655   | 31.58           |
| Lexington - EDIS | 2          | 2          | 2000      | 7,969      | 732,018.35        | 297,734                        | 232,615         | 1.2799   | 29.19           |
| Lexington - EDIS | 2          | 3          | 2000      | 8,001      | 732,591.51        | 296,604                        | 232,063         | 1.2781   | 29.00           |
| Lexington - EDIS | 2          | 4          | 2000      | 7,864      | 761,770.44        | 311,478                        | 238,785         | 1.3044   | 30.36           |
| Lexington - EDIS | 2          | 5          | 2000      | 7,870      | 796,622.72        | 328,373                        | 227,952         | 1.4405   | 28.96           |
| Lexington - EDIS | 2          | 6          | 2000      | 7,954      | 937,011.00        | 400,012                        | 251,634         | 1.5897   | 31.64           |
| Lexington - EDIS | 2          | 7          | 2000      | 7,936      | 999,909.18        | 431,819                        | 247,327         | 1.7459   | 31.17           |
| Lexington - EDIS | 2          | 8          | 2000      | 7,964      | 917,343.86        | 389,423                        | 223,684         | 1.7409   | 28.09           |
| Lexington - EDIS | 2          | 9          | 2000      | 7,986      | 963,055.01        | 413,365                        | 263,952         | 1.5661   | 33.05           |
| Lexington - EDIS | 2          | 10         | 2000      | 8,099      | 842,775.42        | 351,974                        | 224,702         | 1.5664   | 27.74           |
| Lexington - EDIS | 2          | 11         | 2000      | 7,964      | 869,961.91        | 364,411                        | 242,666         | 1.5017   | 30.47           |
| Lexington - EDIS | 2          | 12         | 2000      | 7,955      | 818,022.48        | 328,453                        | 240,311         | 1.3668   | 30.21           |
| Lexington - EDIS | 2          | 1          | 2001      | 8,107      | 814,251.41        | 315,778                        | 243,886         | 1.2948   | 30.08           |
| Lexington - EDIS | 2          | 2          | 2001      | 8,336      | 784,096.89        | 303,731                        | 247,572         | 1.2268   | 29.70           |
| Lexington - EDIS | 2          | 3          | 2001      | 8,036      | 752,010.14        | 287,631                        | 222,366         | 1.2935   | 27.67           |
| Lexington - EDIS | 2          | 4          | 2001      | 8,075      | 809,530.90        | 313,916                        | 245,388         | 1.2793   | 30.39           |
| Lexington - EDIS | 2          | 5          | 2001      | 8,116      | 886,711.08        | 350,849                        | 232,711         | 1.5077   | 28.67           |
| Lexington - EDIS | 2          | 6          | 2001      | 8,123      | 999,613.47        | 402,533                        | 257,948         | 1.5605   | 31.76           |
| Lexington - EDIS | 2          | 7          | 2001      | 8,093      | 1,028,778.89      | 415,024                        | 242,768         | 1.7095   | 30.00           |
| Lexington - EDIS | 2          | 8          | 2001      | 8,185      | 996,971.95        | 401,539                        | 242,177         | 1.6580   | 29.59           |
| Lexington - EDIS | 2          | 9          | 2001      | 8,124      | 1,006,178.67      | 404,077                        | 257,561         | 1.5689   | 31.70           |
| Lexington - EDIS | 2          | 10         | 2001      | 8,203      | 954,654.27        | 379,013                        | 225,512         | 1.6807   | 27.49           |
| Lexington - EDIS | 2          | 11         | 2001      | 8,232      | 936,147.56        | 369,146                        | 263,343         | 1.4018   | 31.99           |
| Lexington - EDIS | 2          | 12         | 2001      | 8,162      | 807,329.53        | 311,452                        | 237,133         | 1.3134   | 29.05           |
| Lexington - EDIS | 2          | 1          | 2002      | 9,010      | 901,108.95        | 317,064                        | 282,394         | 1.1228   | 31.34           |
| Lexington - EDIS | 2          | 2          | 2002      | 7,461      | 746,744.72        | 315,051                        | 225,603         | 1.3965   | 30.24           |
| Lexington - EDIS | 2          | 3          | 2002      | 8,166      | 755,893.21        | 283,172                        | 224,979         | 1.2587   | 27.55           |
| Lexington - EDIS | 2          | 4          | 2002      | 8,104      | 764,016.33        | 286,820                        | 233,463         | 1.2285   | 28.81           |
| Lexington - EDIS | 2          | 5          | 2002      | 8,159      | 871,644.47        | 337,487                        | 252,263         | 1.3378   | 30.92           |
| Lexington - EDIS | 2          | 6          | 2002      | 8,199      | 947,241.51        | 374,558                        | 249,894         | 1.4989   | 30.48           |
| Lexington - EDIS | 2          | 7          | 2002      | 8,367      | 1,034,869.43      | 416,780                        | 243,589         | 1.7110   | 29.11           |
| Lexington - EDIS | 2          | 8          | 2002      | 8,274      | 1,152,839.34      | 473,380                        | 256,306         | 1.8469   | 30.98           |
| Lexington - EDIS | 2          | 9          | 2002      | 8,257      | 1,071,443.54      | 442,244                        | 247,319         | 1.7882   | 29.95           |
| Lexington - EDIS | 2          | 10         | 2002      | 8,245      | 1,029,143.29      | 413,840                        | 239,710         | 1.7264   | 29.07           |
| Lexington - EDIS | 2          | 11         | 2002      | 8,234      | 878,468.45        | 340,274                        | 249,423         | 1.3642   | 30.29           |
| Lexington - EDIS | 2          | 12         | 2002      | 8,185      | 794,922.88        | 302,126                        | 241,185         | 1.2527   | 29.47           |
| Lexington - EDIS | 2          | 1          | 2003      | 8,283      | 820,411.56        | 315,947                        | 269,094         | 1.1741   | 32.49           |
| Lexington - EDIS | 2          | 2          | 2003      | 8,077      | 811,287.20        | 309,747                        | 249,008         | 1.2439   | 30.83           |
| Lexington - EDIS | 2          | 3          | 2003      | 8,478      | 807,964.32        | 305,759                        | 237,974         | 1.2848   | 28.07           |
| Lexington - EDIS | 2          | 4          | 2003      | 8,263      | 854,251.33        | 331,972                        | 242,610         | 1.3683   | 29.36           |
| Lexington - EDIS | 2          | 5          | 2003      | 8,940      | 917,058.40        | 364,874                        | 266,906         | 1.3671   | 29.86           |
| Lexington - EDIS | 2          | 6          | 2003      | 7,559      | 814,901.15        | 316,298                        | 226,966         | 1.3936   | 30.03           |
| Lexington - EDIS | 2          | 7          | 2003      | 8,384      | 976,595.38        | 386,364                        | 253,255         | 1.5256   | 30.21           |
| Lexington - EDIS | 2          | 8          | 2003      | 8,319      | 1,034,084.09      | 421,984                        | 255,079         | 1.6543   | 30.66           |



**Kentucky American - Total Commercial Sales, Consumption and Bill Days**  
*January 1998 - August 2008*

| District Code          | Rate Class | Bill Month | Bill Year | Bill Count | Total Water Sales | Total Consumption 1000 Gallons | Total Bill Days | Cons/day | Avg days p/bill |
|------------------------|------------|------------|-----------|------------|-------------------|--------------------------------|-----------------|----------|-----------------|
| Lexington - EDIS       | 2          | 9          | 2003      | 8,362      | 1,008,892.78      | 410,127                        | 252,865         | 1.6219   | 30.24           |
| Combined EDIS and ECIS | 2          | 10         | 2003      | 9,087      | 809,180.72        | 305,048                        | 269,549         | 1.1317   | 29.66           |
| 1210                   | 2          | 11         | 2003      | 8,531      | 944,984.54        | 367,281                        | 256,129         | 1.4340   | 30.02           |
| 1210                   | 2          | 12         | 2003      | 8,431      | 836,400.55        | 311,918                        | 245,310         | 1.2715   | 29.10           |
| 1210                   | 2          | 1          | 2004      | 8,433      | 955,050.73        | 363,906                        | 279,530         | 1.3019   | 33.15           |
| 1210                   | 2          | 2          | 2004      | 8,277      | 828,469.54        | 309,197                        | 234,266         | 1.3199   | 28.30           |
| 1210                   | 2          | 3          | 2004      | 8,780      | 990,710.79        | 367,348                        | 260,295         | 1.4113   | 29.65           |
| 1210                   | 2          | 4          | 2004      | 7,968      | 858,401.78        | 328,236                        | 253,089         | 1.2969   | 31.76           |
| 1210                   | 2          | 5          | 2004      | 7,633      | 854,740.05        | 331,490                        | 227,549         | 1.4568   | 29.81           |
| 1210                   | 2          | 6          | 2004      | 9,001      | 1,002,985.15      | 389,518                        | 276,781         | 1.4073   | 30.75           |
| 1210                   | 2          | 7          | 2004      | 8,294      | 984,300.65        | 386,234                        | 252,442         | 1.5300   | 30.44           |
| 1210                   | 2          | 8          | 2004      | 8,706      | 1,017,784.28      | 399,801                        | 257,225         | 1.5543   | 29.55           |
| 1210                   | 2          | 9          | 2004      | 7,972      | 998,412.93        | 394,584                        | 253,813         | 1.5546   | 31.84           |
| 1210                   | 2          | 10         | 2004      | 8,442      | 999,738.39        | 390,202                        | 247,896         | 1.5741   | 29.36           |
| 1210                   | 2          | 11         | 2004      | 7,778      | 846,286.06        | 322,675                        | 225,316         | 1.4321   | 28.97           |
| 1210                   | 2          | 12         | 2004      | 9,131      | 1,305,706.20      | 489,795                        | 287,772         | 1.7020   | 31.52           |
| 1210                   | 2          | 1          | 2005      | 8,366      | 806,485.81        | 243,425                        | 255,651         | 0.9522   | 30.56           |
| 1210                   | 2          | 2          | 2005      | 8,333      | 919,196.26        | 296,176                        | 243,917         | 1.2143   | 29.27           |
| 1210                   | 2          | 3          | 2005      | 8,342      | 894,073.02        | 294,490                        | 241,795         | 1.2179   | 28.99           |
| 1210                   | 2          | 4          | 2005      | 8,518      | 888,289.90        | 362,722                        | 267,015         | 1.3584   | 31.35           |
| 1210                   | 2          | 5          | 2005      | 8,390      | 946,608.70        | 338,250                        | 244,239         | 1.3849   | 29.11           |
| 1210                   | 2          | 6          | 2005      | 8,535      | 1,133,690.18      | 405,259                        | 260,887         | 1.5534   | 30.57           |
| 1210                   | 2          | 7          | 2005      | 8,404      | 1,236,642.26      | 452,141                        | 262,321         | 1.7236   | 31.21           |
| 1210                   | 2          | 8          | 2005      | 8,449      | 1,192,140.03      | 435,374                        | 238,651         | 1.8243   | 28.25           |
| 1210                   | 2          | 9          | 2005      | 8,417      | 1,339,401.09      | 503,984                        | 276,241         | 1.8244   | 32.82           |
| 1210                   | 2          | 10         | 2005      | 8,561      | 1,150,847.24      | 419,335                        | 251,166         | 1.6696   | 29.34           |
| 1210                   | 2          | 11         | 2005      | 8,482      | 1,007,628.62      | 347,733                        | 242,029         | 1.4367   | 28.53           |
| 1210                   | 2          | 12         | 2005      | 8,430      | 887,681.27        | 303,146                        | 255,409         | 1.1869   | 30.30           |
| 1210                   | 2          | 1          | 2006      | 8,457      | 985,122.13        | 343,532                        | 273,011         | 1.2583   | 32.28           |
| 1210                   | 2          | 2          | 2006      | 7,836      | 902,665.11        | 312,795                        | 229,763         | 1.3614   | 29.32           |
| 1210                   | 2          | 3          | 2006      | 9,177      | 941,945.67        | 320,164                        | 257,053         | 1.2455   | 28.01           |
| 1210                   | 2          | 4          | 2006      | 7,853      | 906,546.07        | 315,987                        | 249,377         | 1.2671   | 31.76           |
| 1210                   | 2          | 5          | 2006      | 9,304      | 988,941.86        | 336,415                        | 256,417         | 1.3120   | 27.56           |
| 1210                   | 2          | 6          | 2006      | 7,945      | 1,012,865.98      | 361,689                        | 251,651         | 1.4373   | 31.67           |
| 1210                   | 2          | 7          | 2006      | 8,526      | 1,177,222.20      | 428,266                        | 268,935         | 1.5925   | 31.54           |
| 1210                   | 2          | 8          | 2006      | 8,805      | 1,150,438.38      | 415,557                        | 248,971         | 1.6691   | 28.28           |
| 1210                   | 2          | 9          | 2006      | 8,824      | 1,347,395.45      | 498,130                        | 280,114         | 1.7783   | 31.74           |
| 1210                   | 2          | 10         | 2006      | 8,711      | 1,056,284.79      | 373,459                        | 247,608         | 1.5083   | 28.42           |
| 1210                   | 2          | 11         | 2006      | 8,600      | 957,178.68        | 329,979                        | 260,670         | 1.2659   | 30.31           |
| 1210                   | 2          | 12         | 2006      | 8,909      | 990,210.64        | 332,207                        | 263,651         | 1.2600   | 29.59           |
| 1210                   | 2          | 1          | 2007      | 8,591      | 865,352.22        | 289,409                        | 266,011         | 1.0880   | 30.96           |
| 1210                   | 2          | 2          | 2007      | 8,489      | 880,983.42        | 299,298                        | 265,248         | 1.1284   | 31.25           |
| 1210                   | 2          | 3          | 2007      | 8,676      | 870,623.05        | 293,035                        | 243,579         | 1.2030   | 28.08           |
| 1210                   | 2          | 4          | 2007      | 8,558      | 938,338.76        | 324,069                        | 266,727         | 1.2150   | 31.17           |
| 1210                   | 2          | 5          | 2007      | 8,638      | 908,200.64        | 311,088                        | 247,617         | 1.2563   | 28.67           |
| 1210                   | 2          | 6          | 2007      | 8,616      | 1,146,033.97      | 414,794                        | 277,681         | 1.4938   | 32.23           |
| 1210                   | 2          | 7          | 2007      | 8,599      | 1,155,016.57      | 419,910                        | 263,722         | 1.5922   | 30.67           |
| 1210                   | 2          | 8          | 2007      | 8,708      | 1,201,889.82      | 439,473                        | 259,306         | 1.6948   | 29.78           |
| 1210                   | 2          | 9          | 2007      | 8,655      | 1,242,708.30      | 457,980                        | 283,509         | 1.6154   | 32.76           |
| 1210                   | 2          | 10         | 2007      | 8,709      | 1,078,652.28      | 384,223                        | 241,675         | 1.5898   | 27.75           |
| 1210                   | 2          | 11         | 2007      | 8,691      | 1,043,292.95      | 367,999                        | 279,721         | 1.3156   | 32.19           |
| 1210                   | 2          | 12         | 2007      | 8,602      | 900,451.57        | 285,374                        | 253,925         | 1.1239   | 29.52           |
| 1210                   | 2          | 1          | 2008      | 8,590      | 1,045,318.97      | 291,205                        | 277,457         | 1.0495   | 32.30           |
| 1210                   | 2          | 2          | 2008      | 8,588      | 1,089,144.03      | 307,174                        | 270,433         | 1.1359   | 31.49           |
| 1210                   | 2          | 3          | 2008      | 8,617      | 987,685.64        | 271,876                        | 245,758         | 1.1063   | 28.52           |
| 1210                   | 2          | 4          | 2008      | 8,615      | 1,023,460.09      | 284,229                        | 260,597         | 1.0907   | 30.25           |
| 1210                   | 2          | 5          | 2008      | 8,752      | 1,153,846.39      | 327,692                        | 273,226         | 1.1993   | 31.22           |
| 1210                   | 2          | 6          | 2008      | 8,765      | 1,219,109.66      | 346,920                        | 267,920         | 1.2949   | 30.57           |
| 1210                   | 2          | 7          | 2008      | 8,962      | 1,308,472.77      | 383,096                        | 267,263         | 1.4334   | 29.82           |
| 1210                   | 2          | 8          | 2008      | 8,917      | 1,454,871.25      | 433,429                        | 270,269         | 1.6037   | 30.31           |

| Projections of Residential Water Utilization, Gallons per Day, Kentucky-American |               |              |                   |                                   |                            |               |      |              |              |              |              |  |
|--|---------------|--------------|-------------------|-----------------------------------|----------------------------|---------------|------|--------------|--------------|--------------|--------------|--|
| Month  | Slope of PMDI | Slope of CDD | Slope of SINCE_90 | Intercept                         | 30-yr Avg PMDI             | 30-yr Avg CDD | Days | 2007 Gal/Day | 2008 Gal/Day | 2009 Gal/Day | 2010 Gal/Day |  |
| Jan  | 0             | 0            | -2.07200          | 179.7960                          | 0.34333                    | 1.333         | 31   | 144.57       | 142.50       | 140.43       | 138.36       |  |
| Feb  | 0             | 0            | -2.73169          | 189.3613                          | 0.17300                    | 0.000         | 31   | 142.92       | 140.19       | 137.46       | 134.73       |  |
| Mar  | 0             | 0            | -1.73998          | 172.1121                          | -0.19033                   | 5.133         | 28   | 142.53       | 140.79       | 139.05       | 137.31       |  |
| Apr  | 0             | 0            | -2.13374          | 177.3428                          | -0.22900                   | 6.733         | 31   | 141.07       | 138.94       | 136.80       | 134.67       |  |
| May  | -2.30730      | 0.01417      | -2.53224          | 196.8595                          | 0.20700                    | 87.300        | 30   | 154.57       | 152.04       | 149.51       | 146.97       |  |
| Jun  | -5.25250      | 0.28877      | -1.26680          | 138.1403                          | 0.19700                    | 217.600       | 31   | 178.41       | 177.14       | 175.87       | 174.61       |  |
| Jul  | -5.16630      | 0.09163      | -1.54331          | 197.8901                          | -0.00700                   | 339.567       | 30   | 202.80       | 201.26       | 199.72       | 198.17       |  |
| Aug  | -6.17731      | 0.05558      | -2.68115          | 222.3354                          | -0.08767                   | 311.433       | 31   | 194.61       | 191.93       | 189.24       | 186.56       |  |
| Sep  | -1.45765      | 0.27028      | -2.32687          | 190.8501                          | -0.12533                   | 137.400       | 31   | 188.61       | 186.29       | 183.96       | 181.63       |  |
| Oct  | -1.77539      | 0.25862      | -4.12329          | 236.6140                          | 0.42600                    | 19.833        | 30   | 170.89       | 166.77       | 162.64       | 158.52       |  |
| Nov  | -1.84398      | 0            | -2.17533          | 190.4915                          | 0.58167                    | 0.200         | 31   | 152.44       | 150.26       | 148.09       | 145.91       |  |
| Dec  | -0.18351      | 0            | -2.18856          | 181.2385                          | 0.63900                    | 0.400         | 30   | 143.92       | 141.73       | 139.54       | 137.35       |  |
|  |               |              |                   |                                   |                            |               |      |              |              |              |              |  |
|  |               |              |                   |                                   | <b>Annual projections:</b> |               |      | 163.23       | 160.88       | 158.64       | 156.34       |  |
|  |               |              |                   |                                   |                            |               |      |              |              |              |              |  |
| KAWC2008.XLS   |               |              |                   | Projection: June 2009 to May 2010 |                            |               |      |              |              | 157.71       |              |  |

| Projections of Commercial Water Utilization, Gallons per Day, Kentucky-American |               |              |                   |           |                                   |               |      |              |              |              |              |  |
|---|---------------|--------------|-------------------|-----------|-----------------------------------|---------------|------|--------------|--------------|--------------|--------------|--|
|   | Slope of PMDI | Slope of CDD | Slope of SINCE_90 | Intercept | 30-yr Avg PMDI                    | 30-yr Avg CDD | Days | 2007 Gal/Day | 2008 Gal/Day | 2009 Gal/Day | 2010 Gal/Day |  |
| Jan   | 0             | 0            | -20.35988         | 1464.950  | 0.34333                           | 1.333         | 31   | 1,118.83     | 1,098.47     | 1,078.11     | 1,057.75     |  |
| Feb   | 0             | 0            | -18.45448         | 1472.822  | 0.17300                           | 0.000         | 31   | 1,159.10     | 1,140.64     | 1,122.19     | 1,103.73     |  |
| Mar   | 0             | 0            | -19.28145         | 1490.242  | -0.19033                          | 5.133         | 28   | 1,162.46     | 1,143.18     | 1,123.89     | 1,104.61     |  |
| Apr   | 0             | 0            | -25.52727         | 1469.049  | -0.22900                          | 6.733         | 31   | 1,035.09     | 1,009.56     | 984.03       | 958.50       |  |
| May   | 3.16295       | 0.65740      | -19.09350         | 1673.099  | 0.20700                           | 87.300        | 30   | 1,406.56     | 1,387.46     | 1,368.37     | 1,349.28     |  |
| Jun   | -27.14363     | 0.77769      | -22.18255         | 1584.513  | 0.19700                           | 217.600       | 31   | 1,371.29     | 1,349.11     | 1,326.92     | 1,304.74     |  |
| Jul   | -30.83078     | 0.20893      | -20.83576         | 1869.343  | -0.00700                          | 339.567       | 30   | 1,586.30     | 1,565.46     | 1,544.62     | 1,523.79     |  |
| Aug   | -48.38909     | -0.07637     | -12.20628         | 1981.193  | -0.08767                          | 311.433       | 31   | 1,754.14     | 1,741.94     | 1,729.73     | 1,717.53     |  |
| Sep   | 18.02103      | 1.71602      | 8.45983           | 1508.013  | -0.12533                          | 137.400       | 31   | 1,885.35     | 1,893.81     | 1,902.27     | 1,910.73     |  |
| Oct   | -2.85603      | 0.65843      | -23.71941         | 1900.317  | 0.42600                           | 19.833        | 30   | 1,508.93     | 1,485.21     | 1,461.49     | 1,437.77     |  |
| Nov   | -1.82330      | 0            | -18.73424         | 1667.318  | 0.58167                           | 0.200         | 31   | 1,347.78     | 1,329.04     | 1,310.31     | 1,291.57     |  |
| Dec   | 32.84177      | 0            | -17.97324         | 1636.706  | 0.63900                           | 0.400         | 30   | 1,352.15     | 1,334.17     | 1,316.20     | 1,298.23     |  |
|   |               |              |                   |           |                                   |               |      |              |              |              |              |  |
|   |               |              |                   |           | <b>Annual projections:</b>        |               |      | 1,391.74     | 1,373.66     | 1,356.85     | 1,339.40     |  |
|   |               |              |                   |           |                                   |               |      |              |              |              |              |  |
|   |               |              |                   |           | Projection: June 2009 to May 2010 |               |      |              |              |              |              |  |
|   |               |              |                   |           |                                   |               |      |              |              | 1,348.34     |              |  |

KAWC2008.XLS

|           |   |          |          |       |        |
|-----------|---|----------|----------|-------|--------|
| Intercept | 1 | 179.796  | 12.05747 | 14.91 | <.0001 |
| Intercept | 1 | 189.3613 | 9.19245  | 20.6  | <.0001 |
| Intercept | 1 | 172.1121 | 5.27425  | 32.63 | <.0001 |
| Intercept | 1 | 177.3428 | 4.66427  | 38.02 | <.0001 |
| Intercept | 1 | 196.8595 | 22.25119 | 8.85  | 0.0001 |
| Intercept | 1 | 138.1403 | 20.67165 | 6.68  | 0.0005 |
| Intercept | 1 | 197.8901 | 39.74973 | 4.98  | 0.0025 |
| Intercept | 1 | 222.3354 | 29.13235 | 7.63  | 0.0003 |
| Intercept | 1 | 190.8501 | 21.79794 | 8.76  | 0.0001 |
| Intercept | 1 | 236.614  | 30.05564 | 7.87  | 0.0005 |
| Intercept | 1 | 190.4915 | 8.68834  | 21.92 | <.0001 |
| Intercept | 1 | 181.2385 | 5.51586  | 32.86 | <.0001 |
| Intercept | 1 | 1464.95  | 121.857  | 12.02 | <.0001 |
| Intercept | 1 | 1472.822 | 124.0517 | 11.87 | <.0001 |
| Intercept | 1 | 1490.242 | 100.9213 | 14.77 | <.0001 |
| Intercept | 1 | 1469.049 | 108.8114 | 13.5  | <.0001 |
| Intercept | 1 | 1673.099 | 126.1254 | 13.27 | <.0001 |
| Intercept | 1 | 1584.513 | 78.51601 | 20.18 | <.0001 |
| Intercept | 1 | 1869.343 | 133.4758 | 14.01 | <.0001 |
| Intercept | 1 | 1981.193 | 157.9762 | 12.54 | <.0001 |
| Intercept | 1 | 1508.013 | 224.4778 | 6.72  | 0.0005 |
| Intercept | 1 | 1900.317 | 171.4399 | 11.08 | 0.0001 |
| Intercept | 1 | 1667.318 | 91.51422 | 18.22 | <.0001 |
| Intercept | 1 | 1636.706 | 215.517  | 7.59  | 0.0001 |

|          |   |           |          |       |        |
|----------|---|-----------|----------|-------|--------|
| since_90 | 1 | -2.072    | 0.87359  | -2.37 | 0.0451 |
| since_90 | 1 | -2.73169  | 0.66601  | -4.1  | 0.0034 |
| since_90 | 1 | -1.73998  | 0.38213  | -4.55 | 0.0019 |
| since_90 | 1 | -2.13374  | 0.33794  | -6.31 | 0.0002 |
| since_90 | 1 | -2.53224  | 1.3635   | -1.86 | 0.1127 |
| since_90 | 1 | -1.2668   | 1.10331  | -1.15 | 0.2946 |
| since_90 | 1 | -1.54331  | 1.55494  | -0.99 | 0.3593 |
| since_90 | 1 | -2.68115  | 2.01794  | -1.33 | 0.2323 |
| since_90 | 1 | -2.32687  | 1.45029  | -1.6  | 0.1597 |
| since_90 | 1 | -4.12329  | 2.6162   | -1.58 | 0.1758 |
| since_90 | 1 | -2.17533  | 0.68212  | -3.19 | 0.0153 |
| since_90 | 1 | -2.18856  | 0.43555  | -5.02 | 0.0015 |
| since_90 | 1 | -19.57705 | 8.91902  | -2.19 | 0.0642 |
| since_90 | 1 | -15.52764 | 8.98783  | -1.73 | 0.1223 |
| since_90 | 1 | -16.83623 | 7.31198  | -2.3  | 0.0503 |
| since_90 | 1 | -14.55702 | 7.88364  | -1.85 | 0.102  |
| since_90 | 1 | -26.39666 | 7.72867  | -3.42 | 0.0142 |
| since_90 | 1 | -20.64507 | 4.19064  | -4.93 | 0.0026 |
| since_90 | 1 | -23.41891 | 5.22134  | -4.49 | 0.0042 |
| since_90 | 1 | -19.22159 | 10.94268 | -1.76 | 0.1295 |
| since_90 | 1 | -6.32     | 14.93521 | -0.42 | 0.6869 |
| since_90 | 1 | -21.39566 | 14.92302 | -1.43 | 0.2111 |
| since_90 | 1 | -20.26142 | 7.18478  | -2.82 | 0.0258 |
| since_90 | 1 | -26.73595 | 17.01779 | -1.57 | 0.1602 |

|      |   |           |          |       |        |
|------|---|-----------|----------|-------|--------|
| pmdi | 1 | -2.3073   | 1.73755  | -1.33 | 0.2325 |
| pmdi | 1 | -5.2525   | 1.59857  | -3.29 | 0.0167 |
| pmdi | 1 | -5.1663   | 2.52564  | -2.05 | 0.0868 |
| pmdi | 1 | -6.17731  | 2.91485  | -2.12 | 0.0784 |
| pmdi | 1 | -1.45765  | 2.04033  | -0.71 | 0.5018 |
| pmdi | 1 | -1.77539  | 2.86595  | -0.62 | 0.5627 |
| pmdi | 1 | -1.84398  | 0.62697  | -2.94 | 0.0217 |
| pmdi | 1 | -0.18351  | 0.4174   | -0.44 | 0.6734 |
| pmdi | 1 | 3.16295   | 9.84887  | 0.32  | 0.759  |
| pmdi | 1 | -27.14363 | 6.07178  | -4.47 | 0.0042 |
| pmdi | 1 | -30.83078 | 8.48086  | -3.64 | 0.0109 |
| pmdi | 1 | -48.38909 | 15.80636 | -3.06 | 0.0222 |
| pmdi | 1 | 18.02103  | 21.01156 | 0.86  | 0.424  |
| pmdi | 1 | -2.85603  | 16.3476  | -0.17 | 0.8682 |
| pmdi | 1 | -1.8233   | 6.60386  | -0.28 | 0.7904 |
| pmdi | 1 | 32.84177  | 16.30861 | 2.01  | 0.0839 |

|     |   |          |         |       |        |
|-----|---|----------|---------|-------|--------|
| cdd | 1 | 0.01417  | 0.09564 | 0.15  | 0.8871 |
| cdd | 1 | 0.28877  | 0.06418 | 4.5   | 0.0041 |
| cdd | 1 | 0.09163  | 0.08632 | 1.06  | 0.3293 |
| cdd | 1 | 0.05558  | 0.09262 | 0.6   | 0.5704 |
| cdd | 1 | 0.27028  | 0.0828  | 3.26  | 0.0172 |
| cdd | 1 | 0.25862  | 0.54894 | 0.47  | 0.6574 |
| cdd | 1 | 0.6574   | 0.54212 | 1.21  | 0.2708 |
| cdd | 1 | 0.77769  | 0.24376 | 3.19  | 0.0188 |
| cdd | 1 | 0.20893  | 0.28986 | 0.72  | 0.4982 |
| cdd | 1 | -0.07637 | 0.50227 | -0.15 | 0.8841 |
| cdd | 1 | 1.71602  | 0.85265 | 2.01  | 0.0908 |
| cdd | 1 | 0.65843  | 3.1312  | 0.21  | 0.8418 |

Check Correlations between Weather Variables and Consumption

The GLM Procedure

Class Level Information

| Class | Levels | Values                     |
|-------|--------|----------------------------|
| month | 12     | 1 2 3 4 5 6 7 8 9 10 11 12 |

Data for Analysis of residential

|                             |     |
|-----------------------------|-----|
| Number of Observations Read | 120 |
| Number of Observations Used | 119 |

Data for Analysis of commercial

|                             |     |
|-----------------------------|-----|
| Number of Observations Read | 120 |
| Number of Observations Used | 118 |

NOTE: Variables in each group are consistent with respect to the presence or absence of missing values.



Check Correlations between Weather Variables and Consumption

The GLM Procedure

Dependent Variable: residential

| Source          | DF  | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|-----|----------------|-------------|---------|--------|
| Model           | 36  | 0.08917269     | 0.00247702  | 22.12   | <.0001 |
| Error           | 82  | 0.00918379     | 0.00011200  |         |        |
| Corrected Total | 118 | 0.09835648     |             |         |        |

R-Square      Coeff Var      Root MSE      residential Mean  
0.906627      6.080935      0.010583      0.174034

| Source     | DF | Type I SS  | Mean Square | F Value | Pr > F |
|------------|----|------------|-------------|---------|--------|
| pmdi       | 1  | 0.01157142 | 0.01157142  | 103.32  | <.0001 |
| cdd        | 1  | 0.05377306 | 0.05377306  | 480.13  | <.0001 |
| year       | 1  | 0.00630149 | 0.00630149  | 56.26   | <.0001 |
| month      | 11 | 0.01496445 | 0.00136040  | 12.15   | <.0001 |
| pmdi*month | 11 | 0.00202102 | 0.00018373  | 1.64    | 0.1027 |
| year*month | 11 | 0.00054126 | 0.00004921  | 0.44    | 0.9336 |

| Source     | DF | Type III SS | Mean Square | F Value | Pr > F |
|------------|----|-------------|-------------|---------|--------|
| pmdi       | 1  | 0.00163710  | 0.00163710  | 14.62   | 0.0003 |
| cdd        | 1  | 0.00252455  | 0.00252455  | 22.54   | <.0001 |
| year       | 1  | 0.00409656  | 0.00409656  | 36.58   | <.0001 |
| month      | 11 | 0.00852995  | 0.00077545  | 6.92    | <.0001 |
| pmdi*month | 11 | 0.00170386  | 0.00015490  | 1.38    | 0.1966 |
| year*month | 11 | 0.00054126  | 0.00004921  | 0.44    | 0.9336 |

Check Correlations between Weather Variables and Consumption

The GLM Procedure

Dependent Variable: commercial

| Source          | DF  | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|-----|----------------|-------------|---------|--------|
| Model           | 36  | 4.73897499     | 0.13163819  | 17.18   | <.0001 |
| Error           | 81  | 0.62078405     | 0.00766400  |         |        |
| Corrected Total | 117 | 5.35975904     |             |         |        |

R-Square      Coeff Var      Root MSE      commercial Mean  
0.884177      6.065099      0.087544      1.443411

| Source     | DF | Type I SS  | Mean Square | F Value | Pr > F |
|------------|----|------------|-------------|---------|--------|
| pmdi       | 1  | 0.19592765 | 0.19592765  | 25.56   | <.0001 |
| cdd        | 1  | 2.35512157 | 2.35512157  | 307.30  | <.0001 |
| year       | 1  | 0.54682733 | 0.54682733  | 71.35   | <.0001 |
| month      | 11 | 1.41806834 | 0.12891530  | 16.82   | <.0001 |
| pmdi*month | 11 | 0.18736468 | 0.01703315  | 2.22    | 0.0207 |
| year*month | 11 | 0.03566542 | 0.00324231  | 0.42    | 0.9417 |

| Source     | DF | Type III SS | Mean Square | F Value | Pr > F |
|------------|----|-------------|-------------|---------|--------|
| pmdi       | 1  | 0.01678251  | 0.01678251  | 2.19    | 0.1428 |
| cdd        | 1  | 0.04516086  | 0.04516086  | 5.89    | 0.0174 |
| year       | 1  | 0.27673486  | 0.27673486  | 36.11   | <.0001 |
| month      | 11 | 0.70628864  | 0.06420806  | 8.38    | <.0001 |
| pmdi*month | 11 | 0.17328131  | 0.01575285  | 2.06    | 0.0332 |
| year*month | 11 | 0.03566542  | 0.00324231  | 0.42    | 0.9417 |

Mean pmdi "Values by Month, Lexington, JAN1978-DEC2007"

month pmdi

|    |          |
|----|----------|
| 1  | 0.34333  |
| 2  | 0.17300  |
| 3  | -0.19033 |
| 4  | -0.22900 |
| 5  | 0.20700  |
| 6  | 0.19700  |
| 7  | -0.00700 |
| 8  | -0.08767 |
| 9  | -0.12533 |
| 10 | 0.42600  |
| 11 | 0.58167  |
| 12 | 0.63900  |

Mean cdd "Values by Month, Lexington, JAN1978-DEC2007"

month cdd

|    |         |
|----|---------|
| 1  | 1.333   |
| 2  | 0.000   |
| 3  | 5.133   |
| 4  | 6.733   |
| 5  | 87.300  |
| 6  | 217.600 |
| 7  | 339.567 |
| 8  | 311.433 |
| 9  | 137.400 |
| 10 | 19.833  |
| 11 | 0.200   |
| 12 | 0.400   |

Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | cdd |
|-----|------|-------|-----|
| 1   | 1978 | 1     | 0   |
| 2   | 1978 | 2     | 0   |
| 3   | 1978 | 3     | 0   |
| 4   | 1978 | 4     | 9   |
| 5   | 1978 | 5     | 48  |
| 6   | 1978 | 6     | 224 |
| 7   | 1978 | 7     | 319 |
| 8   | 1978 | 8     | 286 |
| 9   | 1978 | 9     | 195 |
| 10  | 1978 | 10    | 8   |
| 11  | 1978 | 11    | 0   |
| 12  | 1978 | 12    | 0   |
| 13  | 1979 | 1     | 0   |
| 14  | 1979 | 2     | 0   |
| 15  | 1979 | 3     | 10  |
| 16  | 1979 | 4     | 0   |
| 17  | 1979 | 5     | 57  |
| 18  | 1979 | 6     | 185 |
| 19  | 1979 | 7     | 250 |
| 20  | 1979 | 8     | 268 |
| 21  | 1979 | 9     | 107 |
| 22  | 1979 | 10    | 11  |
| 23  | 1979 | 11    | 0   |
| 24  | 1979 | 12    | 0   |
| 25  | 1980 | 1     | 0   |
| 26  | 1980 | 2     | 0   |
| 27  | 1980 | 3     | 0   |
| 28  | 1980 | 4     | 0   |
| 29  | 1980 | 5     | 83  |
| 30  | 1980 | 6     | 163 |
| 31  | 1980 | 7     | 394 |
| 32  | 1980 | 8     | 406 |
| 33  | 1980 | 9     | 188 |
| 34  | 1980 | 10    | 7   |
| 35  | 1980 | 11    | 0   |
| 36  | 1980 | 12    | 0   |
| 37  | 1981 | 1     | 0   |
| 38  | 1981 | 2     | 0   |
| 39  | 1981 | 3     | 0   |
| 40  | 1981 | 4     | 25  |
| 41  | 1981 | 5     | 39  |
| 42  | 1981 | 6     | 246 |
| 43  | 1981 | 7     | 329 |
| 44  | 1981 | 8     | 251 |
| 45  | 1981 | 9     | 93  |
| 46  | 1981 | 10    | 12  |
| 47  | 1981 | 11    | 0   |
| 48  | 1981 | 12    | 0   |
| 49  | 1982 | 1     | 0   |
| 50  | 1982 | 2     | 0   |
| 51  | 1982 | 3     | 8   |
| 52  | 1982 | 4     | 0   |
| 53  | 1982 | 5     | 170 |

|    |      |    |     |
|----|------|----|-----|
| 54 | 1982 | 6  | 124 |
| 55 | 1982 | 7  | 338 |
| 56 | 1982 | 8  | 217 |
| 57 | 1982 | 9  | 91  |
| 58 | 1982 | 10 | 22  |
| 59 | 1982 | 11 | 0   |
| 60 | 1982 | 12 | 6   |
| 61 | 1983 | 1  | 0   |
| 62 | 1983 | 2  | 0   |

Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | cdd |
|-----|------|-------|-----|
| 63  | 1983 | 3     | 7   |
| 64  | 1983 | 4     | 0   |
| 65  | 1983 | 5     | 44  |
| 66  | 1983 | 6     | 198 |
| 67  | 1983 | 7     | 412 |
| 68  | 1983 | 8     | 446 |
| 69  | 1983 | 9     | 159 |
| 70  | 1983 | 10    | 26  |
| 71  | 1983 | 11    | 0   |
| 72  | 1983 | 12    | 0   |
| 73  | 1984 | 1     | 0   |
| 74  | 1984 | 2     | 0   |
| 75  | 1984 | 3     | 0   |
| 76  | 1984 | 4     | 0   |
| 77  | 1984 | 5     | 40  |
| 78  | 1984 | 6     | 297 |
| 79  | 1984 | 7     | 253 |
| 80  | 1984 | 8     | 301 |
| 81  | 1984 | 9     | 110 |
| 82  | 1984 | 10    | 66  |
| 83  | 1984 | 11    | 0   |
| 84  | 1984 | 12    | 6   |
| 85  | 1985 | 1     | 0   |
| 86  | 1985 | 2     | 0   |
| 87  | 1985 | 3     | 10  |
| 88  | 1985 | 4     | 20  |
| 89  | 1985 | 5     | 100 |
| 90  | 1985 | 6     | 175 |
| 91  | 1985 | 7     | 310 |
| 92  | 1985 | 8     | 257 |
| 93  | 1985 | 9     | 129 |
| 94  | 1985 | 10    | 45  |
| 95  | 1985 | 11    | 6   |
| 96  | 1985 | 12    | 0   |
| 97  | 1986 | 1     | 0   |
| 98  | 1986 | 2     | 0   |
| 99  | 1986 | 3     | 7   |
| 100 | 1986 | 4     | 12  |
| 101 | 1986 | 5     | 113 |
| 102 | 1986 | 6     | 260 |
| 103 | 1986 | 7     | 412 |
| 104 | 1986 | 8     | 231 |
| 105 | 1986 | 9     | 185 |
| 106 | 1986 | 10    | 24  |
| 107 | 1986 | 11    | 0   |
| 108 | 1986 | 12    | 0   |
| 109 | 1987 | 1     | 0   |
| 110 | 1987 | 2     | 0   |
| 111 | 1987 | 3     | 8   |
| 112 | 1987 | 4     | 0   |
| 113 | 1987 | 5     | 172 |
| 114 | 1987 | 6     | 277 |
| 115 | 1987 | 7     | 366 |

|     |      |    |     |
|-----|------|----|-----|
| 116 | 1987 | 8  | 353 |
| 117 | 1987 | 9  | 150 |
| 118 | 1987 | 10 | 0   |
| 119 | 1987 | 11 | 0   |
| 120 | 1987 | 12 | 0   |
| 121 | 1988 | 1  | 0   |
| 122 | 1988 | 2  | 0   |
| 123 | 1988 | 3  | 0   |
| 124 | 1988 | 4  | 0   |

## Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | cdd |
|-----|------|-------|-----|
| 125 | 1988 | 5     | 78  |
| 126 | 1988 | 6     | 227 |
| 127 | 1988 | 7     | 397 |
| 128 | 1988 | 8     | 381 |
| 129 | 1988 | 9     | 119 |
| 130 | 1988 | 10    | 0   |
| 131 | 1988 | 11    | 0   |
| 132 | 1988 | 12    | 0   |
| 133 | 1989 | 1     | 8   |
| 134 | 1989 | 2     | 0   |
| 135 | 1989 | 3     | 8   |
| 136 | 1989 | 4     | 0   |
| 137 | 1989 | 5     | 35  |
| 138 | 1989 | 6     | 193 |
| 139 | 1989 | 7     | 326 |
| 140 | 1989 | 8     | 265 |
| 141 | 1989 | 9     | 114 |
| 142 | 1989 | 10    | 15  |
| 143 | 1989 | 11    | 0   |
| 144 | 1989 | 12    | 0   |
| 145 | 1990 | 1     | 10  |
| 146 | 1990 | 2     | 0   |
| 147 | 1990 | 3     | 11  |
| 148 | 1990 | 4     | 0   |
| 149 | 1990 | 5     | 52  |
| 150 | 1990 | 6     | 198 |
| 151 | 1990 | 7     | 304 |
| 152 | 1990 | 8     | 254 |
| 153 | 1990 | 9     | 139 |
| 154 | 1990 | 10    | 14  |
| 155 | 1990 | 11    | 0   |
| 156 | 1990 | 12    | 0   |
| 157 | 1991 | 1     | 0   |
| 158 | 1991 | 2     | 0   |
| 159 | 1991 | 3     | 9   |
| 160 | 1991 | 4     | 15  |
| 161 | 1991 | 5     | 193 |
| 162 | 1991 | 6     | 277 |
| 163 | 1991 | 7     | 375 |
| 164 | 1991 | 8     | 301 |
| 165 | 1991 | 9     | 140 |
| 166 | 1991 | 10    | 24  |
| 167 | 1991 | 11    | 0   |
| 168 | 1991 | 12    | 0   |
| 169 | 1992 | 1     | 0   |
| 170 | 1992 | 2     | 0   |
| 171 | 1992 | 3     | 0   |
| 172 | 1992 | 4     | 6   |
| 173 | 1992 | 5     | 51  |
| 174 | 1992 | 6     | 126 |
| 175 | 1992 | 7     | 313 |
| 176 | 1992 | 8     | 174 |
| 177 | 1992 | 9     | 106 |



|     |      |    |     |
|-----|------|----|-----|
| 178 | 1992 | 10 | 10  |
| 179 | 1992 | 11 | 0   |
| 180 | 1992 | 12 | 0   |
| 181 | 1993 | 1  | 0   |
| 182 | 1993 | 2  | 0   |
| 183 | 1993 | 3  | 0   |
| 184 | 1993 | 4  | 0   |
| 185 | 1993 | 5  | 86  |
| 186 | 1993 | 6  | 193 |

Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | cdd |
|-----|------|-------|-----|
| 187 | 1993 | 7     | 434 |
| 188 | 1993 | 8     | 329 |
| 189 | 1993 | 9     | 101 |
| 190 | 1993 | 10    | 9   |
| 191 | 1993 | 11    | 0   |
| 192 | 1993 | 12    | 0   |
| 193 | 1994 | 1     | 0   |
| 194 | 1994 | 2     | 0   |
| 195 | 1994 | 3     | 0   |
| 196 | 1994 | 4     | 12  |
| 197 | 1994 | 5     | 34  |
| 198 | 1994 | 6     | 292 |
| 199 | 1994 | 7     | 329 |
| 200 | 1994 | 8     | 237 |
| 201 | 1994 | 9     | 95  |
| 202 | 1994 | 10    | 18  |
| 203 | 1994 | 11    | 0   |
| 204 | 1994 | 12    | 0   |
| 205 | 1995 | 1     | 0   |
| 206 | 1995 | 2     | 0   |
| 207 | 1995 | 3     | 9   |
| 208 | 1995 | 4     | 7   |
| 209 | 1995 | 5     | 74  |
| 210 | 1995 | 6     | 233 |
| 211 | 1995 | 7     | 372 |
| 212 | 1995 | 8     | 450 |
| 213 | 1995 | 9     | 112 |
| 214 | 1995 | 10    | 18  |
| 215 | 1995 | 11    | 0   |
| 216 | 1995 | 12    | 0   |
| 217 | 1996 | 1     | 0   |
| 218 | 1996 | 2     | 0   |
| 219 | 1996 | 3     | 0   |
| 220 | 1996 | 4     | 0   |
| 221 | 1996 | 5     | 108 |
| 222 | 1996 | 6     | 224 |
| 223 | 1996 | 7     | 264 |
| 224 | 1996 | 8     | 283 |
| 225 | 1996 | 9     | 107 |
| 226 | 1996 | 10    | 18  |
| 227 | 1996 | 11    | 0   |
| 228 | 1996 | 12    | 0   |
| 229 | 1997 | 1     | 0   |
| 230 | 1997 | 2     | 0   |
| 231 | 1997 | 3     | 9   |
| 232 | 1997 | 4     | 0   |
| 233 | 1997 | 5     | 26  |
| 234 | 1997 | 6     | 159 |
| 235 | 1997 | 7     | 347 |
| 236 | 1997 | 8     | 248 |
| 237 | 1997 | 9     | 115 |
| 238 | 1997 | 10    | 15  |
| 239 | 1997 | 11    | 0   |

|     |      |    |     |
|-----|------|----|-----|
| 240 | 1997 | 12 | 0   |
| 241 | 1998 | 1  | 9   |
| 242 | 1998 | 2  | 0   |
| 243 | 1998 | 3  | 7   |
| 244 | 1998 | 4  | 0   |
| 245 | 1998 | 5  | 140 |
| 246 | 1998 | 6  | 235 |
| 247 | 1998 | 7  | 304 |
| 248 | 1998 | 8  | 319 |

Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | cdd |
|-----|------|-------|-----|
| 249 | 1998 | 9     | 248 |
| 250 | 1998 | 10    | 26  |
| 251 | 1998 | 11    | 0   |
| 252 | 1998 | 12    | 0   |
| 253 | 1999 | 1     | 0   |
| 254 | 1999 | 2     | 0   |
| 255 | 1999 | 3     | 0   |
| 256 | 1999 | 4     | 12  |
| 257 | 1999 | 5     | 101 |
| 258 | 1999 | 6     | 260 |
| 259 | 1999 | 7     | 453 |
| 260 | 1999 | 8     | 310 |
| 261 | 1999 | 9     | 139 |
| 262 | 1999 | 10    | 16  |
| 263 | 1999 | 11    | 0   |
| 264 | 1999 | 12    | 0   |
| 265 | 2000 | 1     | 0   |
| 266 | 2000 | 2     | 0   |
| 267 | 2000 | 3     | 11  |
| 268 | 2000 | 4     | 0   |
| 269 | 2000 | 5     | 126 |
| 270 | 2000 | 6     | 246 |
| 271 | 2000 | 7     | 279 |
| 272 | 2000 | 8     | 274 |
| 273 | 2000 | 9     | 106 |
| 274 | 2000 | 10    | 32  |
| 275 | 2000 | 11    | 0   |
| 276 | 2000 | 12    | 0   |
| 277 | 2001 | 1     | 0   |
| 278 | 2001 | 2     | 0   |
| 279 | 2001 | 3     | 0   |
| 280 | 2001 | 4     | 21  |
| 281 | 2001 | 5     | 120 |
| 282 | 2001 | 6     | 190 |
| 283 | 2001 | 7     | 316 |
| 284 | 2001 | 8     | 353 |
| 285 | 2001 | 9     | 104 |
| 286 | 2001 | 10    | 16  |
| 287 | 2001 | 11    | 0   |
| 288 | 2001 | 12    | 0   |
| 289 | 2002 | 1     | 0   |
| 290 | 2002 | 2     | 0   |
| 291 | 2002 | 3     | 0   |
| 292 | 2002 | 4     | 16  |
| 293 | 2002 | 5     | 56  |
| 294 | 2002 | 6     | 277 |
| 295 | 2002 | 7     | 415 |
| 296 | 2002 | 8     | 403 |
| 297 | 2002 | 9     | 233 |
| 298 | 2002 | 10    | 16  |
| 299 | 2002 | 11    | 0   |
| 300 | 2002 | 12    | 0   |
| 301 | 2003 | 1     | 0   |

|     |      |    |     |
|-----|------|----|-----|
| 302 | 2003 | 2  | 0   |
| 303 | 2003 | 3  | 11  |
| 304 | 2003 | 4  | 13  |
| 305 | 2003 | 5  | 84  |
| 306 | 2003 | 6  | 145 |
| 307 | 2003 | 7  | 313 |
| 308 | 2003 | 8  | 332 |
| 309 | 2003 | 9  | 102 |
| 310 | 2003 | 10 | 17  |

Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | cdd |
|-----|------|-------|-----|
| 311 | 2003 | 11    | 0   |
| 312 | 2003 | 12    | 0   |
| 313 | 2004 | 1     | 0   |
| 314 | 2004 | 2     | 0   |
| 315 | 2004 | 3     | 9   |
| 316 | 2004 | 4     | 6   |
| 317 | 2004 | 5     | 147 |
| 318 | 2004 | 6     | 188 |
| 319 | 2004 | 7     | 250 |
| 320 | 2004 | 8     | 180 |
| 321 | 2004 | 9     | 135 |
| 322 | 2004 | 10    | 23  |
| 323 | 2004 | 11    | 0   |
| 324 | 2004 | 12    | 0   |
| 325 | 2005 | 1     | 0   |
| 326 | 2005 | 2     | 0   |
| 327 | 2005 | 3     | 0   |
| 328 | 2005 | 4     | 9   |
| 329 | 2005 | 5     | 46  |
| 330 | 2005 | 6     | 277 |
| 331 | 2005 | 7     | 378 |
| 332 | 2005 | 8     | 394 |
| 333 | 2005 | 9     | 195 |
| 334 | 2005 | 10    | 20  |
| 335 | 2005 | 11    | 0   |
| 336 | 2005 | 12    | 0   |
| 337 | 2006 | 1     | 13  |
| 338 | 2006 | 2     | 0   |
| 339 | 2006 | 3     | 0   |
| 340 | 2006 | 4     | 19  |
| 341 | 2006 | 5     | 58  |
| 342 | 2006 | 6     | 170 |
| 343 | 2006 | 7     | 353 |
| 344 | 2006 | 8     | 366 |
| 345 | 2006 | 9     | 78  |
| 346 | 2006 | 10    | 8   |
| 347 | 2006 | 11    | 0   |
| 348 | 2006 | 12    | 0   |
| 349 | 2007 | 1     | 0   |
| 350 | 2007 | 2     | 0   |
| 351 | 2007 | 3     | 20  |
| 352 | 2007 | 4     | 0   |
| 353 | 2007 | 5     | 138 |
| 354 | 2007 | 6     | 269 |
| 355 | 2007 | 7     | 282 |
| 356 | 2007 | 8     | 474 |
| 357 | 2007 | 9     | 227 |
| 358 | 2007 | 10    | 59  |
| 359 | 2007 | 11    | 0   |
| 360 | 2007 | 12    | 0   |

Mean cdd Values by Month, Lexington, JAN1978-DEC2007

| month | cdd     |
|-------|---------|
| 1     | 1.333   |
| 2     | 0.000   |
| 3     | 5.133   |
| 4     | 6.733   |
| 5     | 87.300  |
| 6     | 217.600 |
| 7     | 339.567 |
| 8     | 311.433 |
| 9     | 137.400 |
| 10    | 19.833  |
| 11    | 0.200   |
| 12    | 0.400   |

## Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | pmdi  |
|-----|------|-------|-------|
| 1   | 1978 | 1     | 2.46  |
| 2   | 1978 | 2     | 0.24  |
| 3   | 1978 | 3     | -0.29 |
| 4   | 1978 | 4     | -1.21 |
| 5   | 1978 | 5     | 0.23  |
| 6   | 1978 | 6     | -0.46 |
| 7   | 1978 | 7     | 1.30  |
| 8   | 1978 | 8     | 2.73  |
| 9   | 1978 | 9     | 0.98  |
| 10  | 1978 | 10    | 2.37  |
| 11  | 1978 | 11    | 2.59  |
| 12  | 1978 | 12    | 4.58  |
| 13  | 1979 | 1     | 4.54  |
| 14  | 1979 | 2     | 4.41  |
| 15  | 1979 | 3     | 1.95  |
| 16  | 1979 | 4     | 2.93  |
| 17  | 1979 | 5     | 2.72  |
| 18  | 1979 | 6     | 3.25  |
| 19  | 1979 | 7     | 3.96  |
| 20  | 1979 | 8     | 4.58  |
| 21  | 1979 | 9     | 6.64  |
| 22  | 1979 | 10    | 6.38  |
| 23  | 1979 | 11    | 6.52  |
| 24  | 1979 | 12    | 5.97  |
| 25  | 1980 | 1     | 4.24  |
| 26  | 1980 | 2     | 2.46  |
| 27  | 1980 | 3     | 2.89  |
| 28  | 1980 | 4     | 2.15  |
| 29  | 1980 | 5     | 1.60  |
| 30  | 1980 | 6     | 0.48  |
| 31  | 1980 | 7     | 0.53  |
| 32  | 1980 | 8     | 0.15  |
| 33  | 1980 | 9     | -0.97 |
| 34  | 1980 | 10    | -1.07 |
| 35  | 1980 | 11    | -1.38 |
| 36  | 1980 | 12    | -2.00 |
| 37  | 1981 | 1     | -2.72 |
| 38  | 1981 | 2     | -1.62 |
| 39  | 1981 | 3     | -2.58 |
| 40  | 1981 | 4     | -1.81 |
| 41  | 1981 | 5     | -0.02 |
| 42  | 1981 | 6     | 0.14  |
| 43  | 1981 | 7     | 1.16  |
| 44  | 1981 | 8     | 0.63  |
| 45  | 1981 | 9     | 0.44  |
| 46  | 1981 | 10    | 1.10  |
| 47  | 1981 | 11    | -0.46 |
| 48  | 1981 | 12    | -0.51 |
| 49  | 1982 | 1     | 0.58  |
| 50  | 1982 | 2     | 0.32  |
| 51  | 1982 | 3     | 0.41  |
| 52  | 1982 | 4     | -0.38 |
| 53  | 1982 | 5     | -0.63 |



|    |      |    |       |
|----|------|----|-------|
| 54 | 1982 | 6  | 0.74  |
| 55 | 1982 | 7  | -0.52 |
| 56 | 1982 | 8  | 0.59  |
| 57 | 1982 | 9  | 0.57  |
| 58 | 1982 | 10 | -0.46 |
| 59 | 1982 | 11 | 0.24  |
| 60 | 1982 | 12 | 0.54  |
| 61 | 1983 | 1  | -0.64 |
| 62 | 1983 | 2  | -1.13 |

## Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | pmdi  |
|-----|------|-------|-------|
| 63  | 1983 | 3     | -1.99 |
| 64  | 1983 | 4     | -0.03 |
| 65  | 1983 | 5     | 2.65  |
| 66  | 1983 | 6     | 2.06  |
| 67  | 1983 | 7     | -0.78 |
| 68  | 1983 | 8     | -2.03 |
| 69  | 1983 | 9     | -2.77 |
| 70  | 1983 | 10    | 1.72  |
| 71  | 1983 | 11    | 2.13  |
| 72  | 1983 | 12    | 2.13  |
| 73  | 1984 | 1     | 0.22  |
| 74  | 1984 | 2     | -0.20 |
| 75  | 1984 | 3     | -0.03 |
| 76  | 1984 | 4     | 0.92  |
| 77  | 1984 | 5     | 2.33  |
| 78  | 1984 | 6     | -0.17 |
| 79  | 1984 | 7     | -0.39 |
| 80  | 1984 | 8     | -1.60 |
| 81  | 1984 | 9     | -1.68 |
| 82  | 1984 | 10    | -0.86 |
| 83  | 1984 | 11    | 0.89  |
| 84  | 1984 | 12    | 1.31  |
| 85  | 1985 | 1     | 0.06  |
| 86  | 1985 | 2     | -0.77 |
| 87  | 1985 | 3     | -0.88 |
| 88  | 1985 | 4     | -1.89 |
| 89  | 1985 | 5     | -1.80 |
| 90  | 1985 | 6     | -1.10 |
| 91  | 1985 | 7     | -0.98 |
| 92  | 1985 | 8     | 0.11  |
| 93  | 1985 | 9     | -1.37 |
| 94  | 1985 | 10    | 0.32  |
| 95  | 1985 | 11    | 1.31  |
| 96  | 1985 | 12    | -0.46 |
| 97  | 1986 | 1     | -1.33 |
| 98  | 1986 | 2     | -0.89 |
| 99  | 1986 | 3     | -1.58 |
| 100 | 1986 | 4     | -2.46 |
| 101 | 1986 | 5     | -2.59 |
| 102 | 1986 | 6     | -3.06 |
| 103 | 1986 | 7     | -2.80 |
| 104 | 1986 | 8     | -2.86 |
| 105 | 1986 | 9     | -1.97 |
| 106 | 1986 | 10    | -1.75 |
| 107 | 1986 | 11    | 0.71  |
| 108 | 1986 | 12    | 1.07  |
| 109 | 1987 | 1     | -0.23 |
| 110 | 1987 | 2     | -0.59 |
| 111 | 1987 | 3     | -0.75 |
| 112 | 1987 | 4     | -1.01 |
| 113 | 1987 | 5     | -2.25 |
| 114 | 1987 | 6     | -2.41 |
| 115 | 1987 | 7     | -2.35 |

|     |      |    |       |
|-----|------|----|-------|
| 116 | 1987 | 8  | -2.90 |
| 117 | 1987 | 9  | -3.25 |
| 118 | 1987 | 10 | -3.71 |
| 119 | 1987 | 11 | -4.27 |
| 120 | 1987 | 12 | -4.01 |
| 121 | 1988 | 1  | -3.79 |
| 122 | 1988 | 2  | -2.97 |
| 123 | 1988 | 3  | -3.46 |
| 124 | 1988 | 4  | -3.20 |

## Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | pmdi  |
|-----|------|-------|-------|
| 125 | 1988 | 5     | -3.27 |
| 126 | 1988 | 6     | -4.16 |
| 127 | 1988 | 7     | -3.65 |
| 128 | 1988 | 8     | -3.59 |
| 129 | 1988 | 9     | -2.48 |
| 130 | 1988 | 10    | -2.31 |
| 131 | 1988 | 11    | -0.20 |
| 132 | 1988 | 12    | 0.45  |
| 133 | 1989 | 1     | 0.44  |
| 134 | 1989 | 2     | 2.92  |
| 135 | 1989 | 3     | 3.00  |
| 136 | 1989 | 4     | 2.55  |
| 137 | 1989 | 5     | 2.73  |
| 138 | 1989 | 6     | 3.15  |
| 139 | 1989 | 7     | 2.51  |
| 140 | 1989 | 8     | 2.89  |
| 141 | 1989 | 9     | 3.20  |
| 142 | 1989 | 10    | 3.52  |
| 143 | 1989 | 11    | 3.52  |
| 144 | 1989 | 12    | 2.36  |
| 145 | 1990 | 1     | 1.99  |
| 146 | 1990 | 2     | 2.78  |
| 147 | 1990 | 3     | 0.44  |
| 148 | 1990 | 4     | -0.49 |
| 149 | 1990 | 5     | 2.00  |
| 150 | 1990 | 6     | 2.25  |
| 151 | 1990 | 7     | 1.59  |
| 152 | 1990 | 8     | 2.23  |
| 153 | 1990 | 9     | 2.18  |
| 154 | 1990 | 10    | 3.11  |
| 155 | 1990 | 11    | 2.91  |
| 156 | 1990 | 12    | 4.84  |
| 157 | 1991 | 1     | 3.85  |
| 158 | 1991 | 2     | 3.79  |
| 159 | 1991 | 3     | 3.88  |
| 160 | 1991 | 4     | 2.54  |
| 161 | 1991 | 5     | 1.03  |
| 162 | 1991 | 6     | -0.55 |
| 163 | 1991 | 7     | -1.27 |
| 164 | 1991 | 8     | -1.75 |
| 165 | 1991 | 9     | -1.45 |
| 166 | 1991 | 10    | -1.79 |
| 167 | 1991 | 11    | -2.58 |
| 168 | 1991 | 12    | -1.23 |
| 169 | 1992 | 1     | -1.47 |
| 170 | 1992 | 2     | -2.32 |
| 171 | 1992 | 3     | -1.85 |
| 172 | 1992 | 4     | -2.43 |
| 173 | 1992 | 5     | -1.75 |
| 174 | 1992 | 6     | -0.46 |
| 175 | 1992 | 7     | 1.62  |
| 176 | 1992 | 8     | 2.05  |
| 177 | 1992 | 9     | 1.89  |

|     |      |    |       |
|-----|------|----|-------|
| 178 | 1992 | 10 | 0.91  |
| 179 | 1992 | 11 | 1.73  |
| 180 | 1992 | 12 | 0.44  |
| 181 | 1993 | 1  | -0.10 |
| 182 | 1993 | 2  | 0.27  |
| 183 | 1993 | 3  | -0.30 |
| 184 | 1993 | 4  | -0.37 |
| 185 | 1993 | 5  | -0.88 |
| 186 | 1993 | 6  | 0.73  |

Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | pmdi  |
|-----|------|-------|-------|
| 187 | 1993 | 7     | -0.80 |
| 188 | 1993 | 8     | -0.50 |
| 189 | 1993 | 9     | -0.55 |
| 190 | 1993 | 10    | 0.70  |
| 191 | 1993 | 11    | 1.19  |
| 192 | 1993 | 12    | 1.19  |
| 193 | 1994 | 1     | 1.33  |
| 194 | 1994 | 2     | 1.43  |
| 195 | 1994 | 3     | 1.79  |
| 196 | 1994 | 4     | 2.22  |
| 197 | 1994 | 5     | 1.76  |
| 198 | 1994 | 6     | 0.36  |
| 199 | 1994 | 7     | 0.02  |
| 200 | 1994 | 8     | 0.04  |
| 201 | 1994 | 9     | -0.83 |
| 202 | 1994 | 10    | -0.99 |
| 203 | 1994 | 11    | -1.34 |
| 204 | 1994 | 12    | -1.51 |
| 205 | 1995 | 1     | -0.86 |
| 206 | 1995 | 2     | -1.37 |
| 207 | 1995 | 3     | -1.82 |
| 208 | 1995 | 4     | -1.58 |
| 209 | 1995 | 5     | 1.56  |
| 210 | 1995 | 6     | 1.52  |
| 211 | 1995 | 7     | -0.63 |
| 212 | 1995 | 8     | -0.86 |
| 213 | 1995 | 9     | -1.08 |
| 214 | 1995 | 10    | 0.75  |
| 215 | 1995 | 11    | 0.61  |
| 216 | 1995 | 12    | 0.43  |
| 217 | 1996 | 1     | 0.70  |
| 218 | 1996 | 2     | 0.32  |
| 219 | 1996 | 3     | 0.48  |
| 220 | 1996 | 4     | 1.25  |
| 221 | 1996 | 5     | 2.50  |
| 222 | 1996 | 6     | 2.47  |
| 223 | 1996 | 7     | 2.70  |
| 224 | 1996 | 8     | 1.42  |
| 225 | 1996 | 9     | 2.91  |
| 226 | 1996 | 10    | 2.71  |
| 227 | 1996 | 11    | 3.18  |
| 228 | 1996 | 12    | 3.33  |
| 229 | 1997 | 1     | 2.69  |
| 230 | 1997 | 2     | 1.86  |
| 231 | 1997 | 3     | 4.61  |
| 232 | 1997 | 4     | 2.79  |
| 233 | 1997 | 5     | 3.85  |
| 234 | 1997 | 6     | 5.37  |
| 235 | 1997 | 7     | 2.81  |
| 236 | 1997 | 8     | 1.97  |
| 237 | 1997 | 9     | 0.76  |
| 238 | 1997 | 10    | -0.30 |
| 239 | 1997 | 11    | -1.12 |

|     |      |    |       |
|-----|------|----|-------|
| 240 | 1997 | 12 | -1.82 |
| 241 | 1998 | 1  | -1.70 |
| 242 | 1998 | 2  | -1.96 |
| 243 | 1998 | 3  | -2.20 |
| 244 | 1998 | 4  | 1.11  |
| 245 | 1998 | 5  | 1.32  |
| 246 | 1998 | 6  | 3.00  |
| 247 | 1998 | 7  | 3.28  |
| 248 | 1998 | 8  | 1.28  |

Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | pmdi  |
|-----|------|-------|-------|
| 249 | 1998 | 9     | -1.19 |
| 250 | 1998 | 10    | -1.45 |
| 251 | 1998 | 11    | -2.22 |
| 252 | 1998 | 12    | -2.31 |
| 253 | 1999 | 1     | -0.78 |
| 254 | 1999 | 2     | -0.85 |
| 255 | 1999 | 3     | -1.39 |
| 256 | 1999 | 4     | -2.20 |
| 257 | 1999 | 5     | -2.72 |
| 258 | 1999 | 6     | -2.23 |
| 259 | 1999 | 7     | -3.45 |
| 260 | 1999 | 8     | -4.03 |
| 261 | 1999 | 9     | -4.41 |
| 262 | 1999 | 10    | -4.25 |
| 263 | 1999 | 11    | -4.96 |
| 264 | 1999 | 12    | -5.27 |
| 265 | 2000 | 1     | -4.88 |
| 266 | 2000 | 2     | -3.13 |
| 267 | 2000 | 3     | -3.91 |
| 268 | 2000 | 4     | -3.57 |
| 269 | 2000 | 5     | -3.63 |
| 270 | 2000 | 6     | -2.71 |
| 271 | 2000 | 7     | -2.36 |
| 272 | 2000 | 8     | -1.74 |
| 273 | 2000 | 9     | -0.44 |
| 274 | 2000 | 10    | -1.41 |
| 275 | 2000 | 11    | -1.77 |
| 276 | 2000 | 12    | -1.18 |
| 277 | 2001 | 1     | -2.15 |
| 278 | 2001 | 2     | -2.09 |
| 279 | 2001 | 3     | -2.31 |
| 280 | 2001 | 4     | -3.18 |
| 281 | 2001 | 5     | -2.76 |
| 282 | 2001 | 6     | -2.61 |
| 283 | 2001 | 7     | 0.51  |
| 284 | 2001 | 8     | 0.71  |
| 285 | 2001 | 9     | 0.01  |
| 286 | 2001 | 10    | 1.56  |
| 287 | 2001 | 11    | 1.76  |
| 288 | 2001 | 12    | 1.51  |
| 289 | 2002 | 1     | 0.58  |
| 290 | 2002 | 2     | -0.96 |
| 291 | 2002 | 3     | 0.85  |
| 292 | 2002 | 4     | 1.06  |
| 293 | 2002 | 5     | 1.69  |
| 294 | 2002 | 6     | 1.59  |
| 295 | 2002 | 7     | -1.07 |
| 296 | 2002 | 8     | -2.16 |
| 297 | 2002 | 9     | -1.13 |
| 298 | 2002 | 10    | 1.32  |
| 299 | 2002 | 11    | 1.43  |
| 300 | 2002 | 12    | 1.65  |
| 301 | 2003 | 1     | -0.08 |



|     |      |    |       |
|-----|------|----|-------|
| 302 | 2003 | 2  | 1.55  |
| 303 | 2003 | 3  | -0.81 |
| 304 | 2003 | 4  | -0.92 |
| 305 | 2003 | 5  | 0.97  |
| 306 | 2003 | 6  | 1.54  |
| 307 | 2003 | 7  | 1.59  |
| 308 | 2003 | 8  | 1.94  |
| 309 | 2003 | 9  | 2.72  |
| 310 | 2003 | 10 | 2.63  |

## Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| Obs | year | month | pmdi  |
|-----|------|-------|-------|
| 311 | 2003 | 11    | 3.32  |
| 312 | 2003 | 12    | 3.15  |
| 313 | 2004 | 1     | 3.00  |
| 314 | 2004 | 2     | 1.73  |
| 315 | 2004 | 3     | 0.91  |
| 316 | 2004 | 4     | 0.63  |
| 317 | 2004 | 5     | 2.63  |
| 318 | 2004 | 6     | 1.80  |
| 319 | 2004 | 7     | 3.05  |
| 320 | 2004 | 8     | 3.13  |
| 321 | 2004 | 9     | 3.11  |
| 322 | 2004 | 10    | 4.52  |
| 323 | 2004 | 11    | 5.23  |
| 324 | 2004 | 12    | 4.82  |
| 325 | 2005 | 1     | 4.78  |
| 326 | 2005 | 2     | 3.20  |
| 327 | 2005 | 3     | 2.19  |
| 328 | 2005 | 4     | 1.99  |
| 329 | 2005 | 5     | 0.68  |
| 330 | 2005 | 6     | -1.06 |
| 331 | 2005 | 7     | -2.27 |
| 332 | 2005 | 8     | -0.89 |
| 333 | 2005 | 9     | -2.28 |
| 334 | 2005 | 10    | -2.74 |
| 335 | 2005 | 11    | -2.97 |
| 336 | 2005 | 12    | -3.37 |
| 337 | 2006 | 1     | -2.62 |
| 338 | 2006 | 2     | -3.05 |
| 339 | 2006 | 3     | -2.84 |
| 340 | 2006 | 4     | -2.09 |
| 341 | 2006 | 5     | -2.00 |
| 342 | 2006 | 6     | -1.46 |
| 343 | 2006 | 7     | -1.54 |
| 344 | 2006 | 8     | -1.05 |
| 345 | 2006 | 9     | 2.37  |
| 346 | 2006 | 10    | 3.63  |
| 347 | 2006 | 11    | 3.15  |
| 348 | 2006 | 12    | 2.41  |
| 349 | 2007 | 1     | 2.19  |
| 350 | 2007 | 2     | 1.81  |
| 351 | 2007 | 3     | -0.12 |
| 352 | 2007 | 4     | -0.19 |
| 353 | 2007 | 5     | -1.74 |
| 354 | 2007 | 6     | -2.10 |
| 355 | 2007 | 7     | -1.98 |
| 356 | 2007 | 8     | -3.12 |
| 357 | 2007 | 9     | -3.69 |
| 358 | 2007 | 10    | -1.38 |
| 359 | 2007 | 11    | -1.70 |
| 360 | 2007 | 12    | 0.66  |

Mean PMDI Values by Month, Lexington, JAN1978-DEC2007

| month | pmdi     |
|-------|----------|
| 1     | 0.34333  |
| 2     | 0.17300  |
| 3     | -0.19033 |
| 4     | -0.22900 |
| 5     | 0.20700  |
| 6     | 0.19700  |
| 7     | -0.00700 |
| 8     | -0.08767 |
| 9     | -0.12533 |
| 10    | 0.42600  |
| 11    | 0.58167  |
| 12    | 0.63900  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, JANUARY

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 354.18768      | 354.18768   | 5.63    | 0.0451 |
| Error           | 8  | 503.68773      | 62.96097    |         |        |
| Corrected Total | 9  | 857.87541      |             |         |        |

Root MSE 7.93479 R-Square 0.4129  
Dependent Mean 151.82400 Adj R-Sq 0.3395  
Coeff Var 5.22631

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 179.79600          | 12.05747       | 14.91   | <.0001  |
| since_90  | 1  | -2.07200           | 0.87359        | -2.37   | 0.0451  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, FEBRUARY

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 615.62616      | 615.62616   | 16.82   | 0.0034 |
| Error           | 8  | 292.75968      | 36.59496    |         |        |
| Corrected Total | 9  | 908.38584      |             |         |        |

Root MSE 6.04938 R-Square 0.6777  
Dependent Mean 152.48350 Adj R-Sq 0.6374  
Coeff Var 3.96723

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 189.36133          | 9.19245        | 20.60   | <.0001  |
| since_90  | 1  | -2.73169           | 0.66601        | -4.10   | 0.0034  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, MARCH

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 249.77178      | 249.77178   | 20.73   | 0.0019 |
| Error           | 8  | 96.37631       | 12.04704    |         |        |
| Corrected Total | 9  | 346.14809      |             |         |        |

Root MSE 3.47088 R-Square 0.7216  
Dependent Mean 148.62230 Adj R-Sq 0.6868  
Coeff Var 2.33537

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 172.11205          | 5.27425        | 32.63   | <.0001  |
| since_90  | 1  | -1.73998           | 0.38213        | -4.55   | 0.0019  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, APRIL

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 375.60961      | 375.60961   | 39.87   | 0.0002 |
| Error           | 8  | 75.37318       | 9.42165     |         |        |
| Corrected Total | 9  | 450.98279      |             |         |        |

Root MSE 3.06947 R-Square 0.8329  
Dependent Mean 148.53730 Adj R-Sq 0.8120  
Coeff Var 2.06646

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 177.34278          | 4.66427        | 38.02   | <.0001  |
| since_90  | 1  | -2.13374           | 0.33794        | -6.31   | 0.0002  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, MAY

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 1252.42213     | 417.47404   | 3.76    | 0.0786 |
| Error           | 6  | 665.62752      | 110.93792   |         |        |
| Corrected Total | 9  | 1918.04964     |             |         |        |

Root MSE 10.53271 R-Square 0.6530  
Dependent Mean 164.88810 Adj R-Sq 0.4794  
Coeff Var 6.38779

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 196.85948          | 22.25119       | 8.85    | 0.0001  |
| pmdi      | 1  | -2.30730           | 1.73755        | -1.33   | 0.2325  |
| cdd       | 1  | 0.01417            | 0.09564        | 0.15    | 0.8871  |
| since_90  | 1  | -2.53224           | 1.36350        | -1.86   | 0.1127  |



Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, JUNE

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 3949.42452     | 1316.47484  | 15.79   | 0.0030 |
| Error           | 6  | 500.09780      | 83.34963    |         |        |
| Corrected Total | 9  | 4449.52231     |             |         |        |

Root MSE 9.12960 R-Square 0.8876  
Dependent Mean 188.53990 Adj R-Sq 0.8314  
Coeff Var 4.84227

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 138.14032          | 20.67165       | 6.68    | 0.0005  |
| pmdi      | 1  | -5.25250           | 1.59857        | -3.29   | 0.0167  |
| cdd       | 1  | 0.28877            | 0.06418        | 4.50    | 0.0041  |
| since_90  | 1  | -1.26680           | 1.10331        | -1.15   | 0.2946  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, JULY

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 2861.75693     | 953.91898   | 5.75    | 0.0338 |
| Error           | 6  | 995.51168      | 165.91861   |         |        |
| Corrected Total | 9  | 3857.26860     |             |         |        |

Root MSE 12.88094 R-Square 0.7419  
Dependent Mean 210.56100 Adj R-Sq 0.6129  
Coeff Var 6.11744

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 197.89006          | 39.74973       | 4.98    | 0.0025  |
| pmdi      | 1  | -5.16630           | 2.52564        | -2.05   | 0.0868  |
| cdd       | 1  | 0.09163            | 0.08632        | 1.06    | 0.3293  |
| since_90  | 1  | -1.54331           | 1.55494        | -0.99   | 0.3593  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, AUGUST

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 2906.74306     | 968.91435   | 3.77    | 0.0785 |
| Error           | 6  | 1543.82903     | 257.30484   |         |        |
| Corrected Total | 9  | 4450.57209     |             |         |        |

Root MSE 16.04072 R-Square 0.6531  
Dependent Mean 211.40900 Adj R-Sq 0.4797  
Coeff Var 7.58753

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 222.33542          | 29.13235       | 7.63    | 0.0003  |
| pmdi      | 1  | -6.17731           | 2.91485        | -2.12   | 0.0784  |
| cdd       | 1  | 0.05558            | 0.09262        | 0.60    | 0.5704  |
| since_90  | 1  | -2.68115           | 2.01794        | -1.33   | 0.2323  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, SEPTEMBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 4093.38845     | 1364.46282  | 8.24    | 0.0151 |
| Error           | 6  | 993.58055      | 165.59676   |         |        |
| Corrected Total | 9  | 5086.96900     |             |         |        |

Root MSE 12.86844 R-Square 0.8047  
Dependent Mean 204.83500 Adj R-Sq 0.7070  
Coeff Var 6.28234

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 190.85013          | 21.79794       | 8.76    | 0.0001  |
| pmdi      | 1  | -1.45765           | 2.04033        | -0.71   | 0.5018  |
| cdd       | 1  | 0.27028            | 0.08280        | 3.26    | 0.0172  |
| since_90  | 1  | -2.32687           | 1.45029        | -1.60   | 0.1597  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, OCTOBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

|  |    |
|--|----|
| Number of Observations Read                | 10 |
| Number of Observations Used                | 9  |
| Number of Observations with Missing Values | 1  |

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 2019.75625     | 673.25208   | 1.72    | 0.2776 |
| Error           | 5  | 1955.62317     | 391.12463   |         |        |
| Corrected Total | 8  | 3975.37942     |             |         |        |

|                |           |          |        |
|----------------|-----------|----------|--------|
| Root MSE       | 19.77687  | R-Square | 0.5081 |
| Dependent Mean | 191.54844 | Adj R-Sq | 0.2129 |
| Coeff Var      | 10.32474  |          |        |

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 236.61404          | 30.05564       | 7.87    | 0.0005  |
| pmdi      | 1  | -1.77539           | 2.86595        | -0.62   | 0.5627  |
| cdd       | 1  | 0.25862            | 0.54894        | 0.47    | 0.6574  |
| since_90  | 1  | -4.12329           | 2.61620        | -1.58   | 0.1758  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, NOVEMBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 2  | 994.20201      | 497.10100   | 15.10   | 0.0029 |
| Error           | 7  | 230.43175      | 32.91882    |         |        |
| Corrected Total | 9  | 1224.63375     |             |         |        |

Root MSE 5.73749 R-Square 0.8118  
Dependent Mean 163.06570 Adj R-Sq 0.7581  
Coeff Var 3.51852

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 190.49152          | 8.68834        | 21.92   | <.0001  |
| pmdi      | 1  | -1.84398           | 0.62697        | -2.94   | 0.0217  |
| since_90  | 1  | -2.17533           | 0.68212        | -3.19   | 0.0153  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Residential Model, DECEMBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: residential

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 2  | 430.70206      | 215.35103   | 17.67   | 0.0018 |
| Error           | 7  | 85.32354       | 12.18908    |         |        |
| Corrected Total | 9  | 516.02559      |             |         |        |

Root MSE 3.49129 R-Square 0.8347  
Dependent Mean 153.84350 Adj R-Sq 0.7874  
Coeff Var 2.26937

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 181.23849          | 5.51586        | 32.86   | <.0001  |
| pmdi      | 1  | -0.18351           | 0.41740        | -0.44   | 0.6734  |
| since_90  | 1  | -2.18856           | 0.43555        | -5.02   | 0.0015  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, JANUARY

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

|  |    |
|--|----|
| Number of Observations Read                | 10 |
| Number of Observations Used                | 9  |
| Number of Observations with Missing Values | 1  |

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 30661          | 30661       | 4.82    | 0.0642 |
| Error           | 7  | 44547          | 6363.91212  |         |        |
| Corrected Total | 8  | 75208          |             |         |        |

|                |            |          |        |
|----------------|------------|----------|--------|
| Root MSE       | 79.77413   | R-Square | 0.4077 |
| Dependent Mean | 1203.92278 | Adj R-Sq | 0.3231 |
| Coeff Var      | 6.62618    |          |        |

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1464.95017         | 121.85700      | 12.02   | <.0001  |
| since_90  | 1  | -19.57705          | 8.91902        | -2.19   | 0.0642  |



Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, FEBRUARY

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 19891          | 19891       | 2.98    | 0.1223 |
| Error           | 8  | 53316          | 6664.44563  |         |        |
| Corrected Total | 9  | 73207          |             |         |        |

Root MSE 81.63606 R-Square 0.2717  
Dependent Mean 1263.19870 Adj R-Sq 0.1807  
Coeff Var 6.46265

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1472.82187         | 124.05165      | 11.87   | <.0001  |
| since_90  | 1  | -15.52764          | 8.98783        | -1.73   | 0.1223  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, MARCH

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 23385          | 23385       | 5.30    | 0.0503 |
| Error           | 8  | 35287          | 4410.87246  |         |        |
| Corrected Total | 9  | 58672          |             |         |        |

Root MSE 66.41440 R-Square 0.3986  
Dependent Mean 1262.95240 Adj R-Sq 0.3234  
Coeff Var 5.25866

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1490.24151         | 100.92128      | 14.77   | <.0001  |
| since_90  | 1  | -16.83623          | 7.31198        | -2.30   | 0.0503  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, APRIL

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 1  | 17482          | 17482       | 3.41    | 0.1020 |
| Error           | 8  | 41020          | 5127.52660  |         |        |
| Corrected Total | 9  | 58503          |             |         |        |

Root MSE 71.60675 R-Square 0.2988  
Dependent Mean 1272.52950 Adj R-Sq 0.2112  
Coeff Var 5.62712

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1469.04933         | 108.81142      | 13.50   | <.0001  |
| since_90  | 1  | -14.55702          | 7.88364        | -1.85   | 0.1020  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, MAY

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 71157          | 23719       | 6.65    | 0.0245 |
| Error           | 6  | 21386          | 3564.33230  |         |        |
| Corrected Total | 9  | 92543          |             |         |        |

Root MSE 59.70203 R-Square 0.7689  
Dependent Mean 1375.36810 Adj R-Sq 0.6534  
Coeff Var 4.34080

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1673.09939         | 126.12536      | 13.27   | <.0001  |
| pmdi      | 1  | 3.16295            | 9.84887        | 0.32    | 0.7590  |
| cdd       | 1  | 0.65740            | 0.54212        | 1.21    | 0.2708  |
| since_90  | 1  | -26.39666          | 7.72867        | -3.42   | 0.0142  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, JUNE

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 114601         | 38200       | 31.77   | 0.0004 |
| Error           | 6  | 7214.74617     | 1202.45769  |         |        |
| Corrected Total | 9  | 121816         |             |         |        |

Root MSE 34.67647 R-Square 0.9408  
Dependent Mean 1493.35400 Adj R-Sq 0.9112  
Coeff Var 2.32205

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1584.51318         | 78.51601       | 20.18   | <.0001  |
| pmdi      | 1  | -27.14363          | 6.07178        | -4.47   | 0.0042  |
| cdd       | 1  | 0.77769            | 0.24376        | 3.19    | 0.0188  |
| since_90  | 1  | -20.64507          | 4.19064        | -4.93   | 0.0026  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, JULY

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 130214         | 43405       | 23.20   | 0.0011 |
| Error           | 6  | 11225          | 1870.81826  |         |        |
| Corrected Total | 9  | 141439         |             |         |        |

Root MSE 43.25296 R-Square 0.9206  
Dependent Mean 1640.61150 Adj R-Sq 0.8810  
Coeff Var 2.63639

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1869.34272         | 133.47576      | 14.01   | <.0001  |
| pmdi      | 1  | -30.83078          | 8.48086        | -3.64   | 0.0109  |
| cdd       | 1  | 0.20893            | 0.28986        | 0.72    | 0.4982  |
| since_90  | 1  | -23.41891          | 5.22134        | -4.49   | 0.0042  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, AUGUST

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 135511         | 45170       | 5.97    | 0.0311 |
| Error           | 6  | 45397          | 7566.24330  |         |        |
| Corrected Total | 9  | 180909         |             |         |        |

Root MSE 86.98416 R-Square 0.7491  
Dependent Mean 1743.61340 Adj R-Sq 0.6236  
Coeff Var 4.98873

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1981.19332         | 157.97622      | 12.54   | <.0001  |
| pmdi      | 1  | -48.38909          | 15.80636       | -3.06   | 0.0222  |
| cdd       | 1  | -0.07637           | 0.50227        | -0.15   | 0.8841  |
| since_90  | 1  | -19.22159          | 10.94268       | -1.76   | 0.1295  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, SEPTEMBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 75646          | 25215       | 1.44    | 0.3223 |
| Error           | 6  | 105370         | 17562       |         |        |
| Corrected Total | 9  | 181016         |             |         |        |

Root MSE 132.52071 R-Square 0.4179  
Dependent Mean 1689.02930 Adj R-Sq 0.1268  
Coeff Var 7.84597

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1508.01292         | 224.47779      | 6.72    | 0.0005  |
| pmdi      | 1  | 18.02103           | 21.01156       | 0.86    | 0.4240  |
| cdd       | 1  | 1.71602            | 0.85265        | 2.01    | 0.0908  |
| since_90  | 1  | -6.32000           | 14.93521       | -0.42   | 0.6869  |



Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, OCTOBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

|  |    |
|--|----|
| Number of Observations Read                | 10 |
| Number of Observations Used                | 9  |
| Number of Observations with Missing Values | 1  |

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 3  | 39860          | 13287       | 1.04    | 0.4493 |
| Error           | 5  | 63629          | 12726       |         |        |
| Corrected Total | 8  | 103489         |             |         |        |

|                |            |          |        |
|----------------|------------|----------|--------|
| Root MSE       | 112.80894  | R-Square | 0.3852 |
| Dependent Mean | 1649.92578 | Adj R-Sq | 0.0163 |
| Coeff Var      | 6.83721    |          |        |

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1900.31724         | 171.43993      | 11.08   | 0.0001  |
| pmdi      | 1  | -2.85603           | 16.34760       | -0.17   | 0.8682  |
| cdd       | 1  | 0.65843            | 3.13120        | 0.21    | 0.8418  |
| since_90  | 1  | -21.39566          | 14.92302       | -1.43   | 0.2111  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, NOVEMBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 2  | 36696          | 18348       | 5.02    | 0.0444 |
| Error           | 7  | 25565          | 3652.13903  |         |        |
| Corrected Total | 9  | 62261          |             |         |        |

Root MSE 60.43293 R-Square 0.5894  
Dependent Mean 1413.81870 Adj R-Sq 0.4721  
Coeff Var 4.27445

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1667.31802         | 91.51422       | 18.22   | <.0001  |
| pmdi      | 1  | -1.82330           | 6.60386        | -0.28   | 0.7904  |
| since_90  | 1  | -20.26142          | 7.18478        | -2.82   | 0.0258  |

Run regressions by month: Lexington, AUG1998-JUL2008  
Commercial Model, DECEMBER

The REG Procedure  
Model: MODEL1  
Dependent Variable: commercial

Number of Observations Read 10  
Number of Observations Used 10

Analysis of Variance

| Source          | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model           | 2  | 84766          | 42383       | 2.28    | 0.1730 |
| Error           | 7  | 130258         | 18608       |         |        |
| Corrected Total | 9  | 215024         |             |         |        |

Root MSE 136.41245 R-Square 0.3942  
Dependent Mean 1309.30470 Adj R-Sq 0.2211  
Coeff Var 10.41869

Parameter Estimates

| Variable  | DF | Parameter Estimate | Standard Error | t Value | Pr >  t |
|-----------|----|--------------------|----------------|---------|---------|
| Intercept | 1  | 1636.70581         | 215.51704      | 7.59    | 0.0001  |
| pmdi      | 1  | 32.84177           | 16.30861       | 2.01    | 0.0839  |
| since_90  | 1  | -26.73595          | 17.01779       | -1.57   | 0.1602  |

|      |    |          |          |
|------|----|----------|----------|
| 1998 | 1  | 0.158961 | 1.231557 |
| 1998 | 2  | 0.163658 | 1.314720 |
| 1998 | 3  | 0.157968 | 1.278999 |
| 1998 | 4  | 0.160600 | 1.345107 |
| 1998 | 5  | 0.171329 | 1.438988 |
| 1998 | 6  | 0.185924 | 1.514755 |
| 1998 | 7  | 0.193478 | 1.627035 |
| 1998 | 8  | 0.208681 | 1.726738 |
| 1998 | 9  | 0.245058 | 1.971229 |
| 1998 | 10 | 0.238974 | 1.894450 |
| 1998 | 11 | 0.188090 | 1.550401 |
| 1998 | 12 | 0.162098 | 1.330653 |
| 1999 | 1  | 0.162106 | 1.280487 |
| 1999 | 2  | 0.164226 | 1.325080 |
| 1999 | 3  | 0.157944 | 1.330358 |
| 1999 | 4  | 0.158378 | 1.316598 |
| 1999 | 5  | 0.176509 | 1.491236 |
| 1999 | 6  | 0.227562 | 1.704296 |
| 1999 | 7  | 0.233827 | 1.842322 |
| 1999 | 8  | 0.243267 | 2.066653 |
| 1999 | 9  | 0.216106 | 1.601304 |
| 1999 | 10 | 0.194825 | 1.639674 |
| 1999 | 11 | 0.172248 | 1.435789 |
| 1999 | 12 | 0.160155 | 1.285212 |
| 2000 | 1  | 0.161067 | 1.265493 |
| 2000 | 2  | 0.160204 | 1.279944 |
| 2000 | 3  | 0.152512 | 1.278118 |
| 2000 | 4  | 0.154872 | 1.304429 |
| 2000 | 5  | 0.172458 | 1.440534 |
| 2000 | 6  | 0.205015 | 1.589657 |
| 2000 | 7  | 0.220630 | 1.745945 |
| 2000 | 8  | 0.212401 | 1.740949 |
| 2000 | 9  | 0.190725 | 1.566060 |
| 2000 | 10 | 0.180463 | 1.566405 |
| 2000 | 11 | 0.169696 | 1.501697 |
| 2000 | 12 | 0.158498 | 1.366782 |
| 2001 | 1  | 0.167897 | 1.294776 |
| 2001 | 2  | 0.154278 | 1.226840 |
| 2001 | 3  | 0.150015 | 1.293503 |
| 2001 | 4  | 0.151239 | 1.279265 |
| 2001 | 5  | 0.198787 | 1.507661 |
| 2001 | 6  | 0.188283 | 1.560518 |
| 2001 | 7  | 0.213951 | 1.709549 |
| 2001 | 8  | 0.193974 | 1.658038 |
| 2001 | 9  | 0.186266 | 1.568858 |
| 2001 | 10 | 0.198075 | 1.680676 |
| 2001 | 11 | 0.162429 | 1.401770 |
| 2001 | 12 | 0.162763 | 1.313405 |
| 2002 | 1  | 0.137401 | 1.122771 |
| 2002 | 2  | 0.169927 | 1.396484 |
| 2002 | 3  | 0.149067 | 1.258661 |
| 2002 | 4  | 0.149146 | 1.228544 |
| 2002 | 5  | 0.157702 | 1.337839 |
| 2002 | 6  | 0.188569 | 1.498866 |
| 2002 | 7  | 0.231895 | 1.710998 |
| 2002 | 8  | 0.243741 | 1.846932 |
| 2002 | 9  | 0.237746 | 1.788150 |

|      |    |          |          |
|------|----|----------|----------|
| 2002 | 10 | 0.198535 | 1.726417 |
| 2002 | 11 | 0.157750 | 1.364243 |
| 2002 | 12 | 0.158622 | 1.252671 |
| 2003 | 1  | 0.148459 | 1.174112 |
| 2003 | 2  | 0.149479 | 1.243924 |
| 2003 | 3  | 0.154477 | 1.284843 |
| 2003 | 4  | 0.152092 | 1.368335 |
| 2003 | 5  | 0.164508 | 1.367052 |
| 2003 | 6  | 0.154496 | 1.393593 |
| 2003 | 7  | 0.200512 | 1.525593 |
| 2003 | 8  | 0.196200 | 1.654326 |
| 2003 | 9  | 0.189951 | 1.621921 |
| 2003 | 10 | .        | .        |
| 2003 | 11 | 0.154981 | 1.433968 |
| 2003 | 12 | 0.150801 | 1.271524 |
| 2004 | 1  | 0.152066 | 1.301850 |
| 2004 | 2  | 0.154719 | 1.319853 |
| 2004 | 3  | 0.153489 | 1.411276 |
| 2004 | 4  | 0.152739 | 1.296919 |
| 2004 | 5  | 0.156485 | 1.456787 |
| 2004 | 6  | 0.170236 | 1.407316 |
| 2004 | 7  | 0.174978 | 1.529990 |
| 2004 | 8  | 0.175315 | 1.554285 |
| 2004 | 9  | 0.170687 | 1.554623 |
| 2004 | 10 | 0.169611 | 1.574054 |
| 2004 | 11 | 0.152879 | 1.432099 |
| 2004 | 12 | 0.146822 | 1.702024 |
| 2005 | 1  | 0.151900 | .        |
| 2005 | 2  | 0.146783 | 1.214251 |
| 2005 | 3  | 0.143308 | 1.217934 |
| 2005 | 4  | 0.146570 | 1.358435 |
| 2005 | 5  | 0.161148 | 1.384913 |
| 2005 | 6  | 0.193839 | 1.553387 |
| 2005 | 7  | 0.235507 | 1.723618 |
| 2005 | 8  | 0.232147 | 1.824311 |
| 2005 | 9  | 0.210999 | 1.824436 |
| 2005 | 10 | 0.196377 | 1.669555 |
| 2005 | 11 | 0.166028 | 1.436741 |
| 2005 | 12 | 0.152036 | 1.186902 |
| 2006 | 1  | 0.152768 | 1.258309 |
| 2006 | 2  | 0.139085 | 1.361380 |
| 2006 | 3  | 0.142456 | 1.245518 |
| 2006 | 4  | 0.145185 | 1.267105 |
| 2006 | 5  | 0.158821 | 1.311985 |
| 2006 | 6  | 0.173007 | 1.437263 |
| 2006 | 7  | 0.191819 | 1.592452 |
| 2006 | 8  | 0.206334 | 1.669098 |
| 2006 | 9  | 0.189222 | 1.778313 |
| 2006 | 10 | 0.160350 | 1.508268 |
| 2006 | 11 | 0.147279 | 1.265887 |
| 2006 | 12 | 0.143905 | 1.260024 |
| 2007 | 1  | 0.144050 | 1.087958 |
| 2007 | 2  | 0.143158 | 1.128371 |
| 2007 | 3  | 0.144276 | 1.203037 |
| 2007 | 4  | 0.140789 | 1.214983 |
| 2007 | 5  | 0.155128 | 1.256328 |
| 2007 | 6  | 0.212995 | 1.493780 |

|      |    |          |          |
|------|----|----------|----------|
| 2007 | 7  | 0.212055 | 1.592245 |
| 2007 | 8  | 0.202030 | 1.694804 |
| 2007 | 9  | 0.211590 | 1.615399 |
| 2007 | 10 | 0.186726 | 1.589833 |
| 2007 | 11 | 0.159277 | 1.315592 |
| 2007 | 12 | 0.142735 | 1.123850 |
| 2008 | 1  | 0.140526 | 1.049549 |
| 2008 | 2  | 0.142976 | 1.135860 |
| 2008 | 3  | 0.138679 | 1.106276 |
| 2008 | 4  | 0.134363 | 1.090682 |
| 2008 | 5  | 0.147335 | 1.199346 |
| 2008 | 6  | 0.171397 | 1.294864 |
| 2008 | 7  | 0.190436 | 1.433403 |
| 2008 | 8  | 0.203358 | 1.603694 |

|            |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1503081895 | 0.62  | -0.92 | -1.49 | -2.00 | -2.03 | -2.15 | -1.17 | -2.28 | -3.16 | -3.35 | -2.80 | -2.00 |
| 1503081896 | -2.92 | -2.67 | -0.94 | -3.04 | -2.82 | -2.09 | 1.74  | 0.20  | 1.56  | 1.04  | 1.67  | 0.43  |
| 1503081897 | -0.01 | 1.94  | 2.43  | 2.66  | 2.36  | 1.80  | 1.91  | 0.18  | -1.87 | -2.88 | -1.46 | -1.05 |
| 1503081898 | 2.01  | 0.65  | 2.13  | 0.99  | 1.28  | 0.29  | 0.07  | -0.15 | 0.53  | 1.27  | 1.48  | 1.34  |
| 1503081899 | 2.01  | 2.12  | 3.10  | 1.49  | 1.76  | 0.41  | -0.28 | -1.47 | -1.80 | -2.11 | -2.84 | -2.78 |
| 1503081900 | -2.73 | -0.94 | -2.01 | -2.94 | -2.89 | -2.15 | -0.93 | -1.93 | -2.51 | -3.09 | -0.03 | -0.33 |
| 1503081901 | -1.51 | -2.52 | -2.74 | -1.80 | -2.36 | -1.74 | -3.04 | -2.96 | -2.17 | -3.03 | -3.62 | -3.21 |
| 1503081902 | -1.96 | -2.99 | -3.08 | -3.26 | -3.23 | -2.17 | -3.20 | -3.73 | -2.19 | -2.44 | -2.26 | 0.98  |
| 1503081903 | 0.31  | 2.71  | 1.70  | 1.52  | -0.18 | -0.23 | -0.97 | -1.32 | -2.01 | -2.15 | -2.42 | -2.69 |
| 1503081904 | -2.47 | -2.36 | -0.67 | -0.94 | -1.51 | -2.08 | -2.26 | -2.67 | -2.66 | -3.27 | -4.35 | -4.49 |
| 1503081905 | -4.49 | -4.30 | -4.16 | -4.26 | -3.19 | -2.89 | -0.39 | -0.62 | -0.19 | 1.68  | 2.25  | 2.39  |
| 1503081906 | 1.63  | 0.36  | 1.92  | -1.07 | -1.95 | -1.73 | 0.12  | 0.45  | 1.65  | 1.02  | 1.72  | 2.51  |
| 1503081907 | 4.09  | 3.63  | 1.86  | 0.92  | 1.55  | 2.27  | 2.71  | 2.66  | 2.52  | 2.68  | 2.80  | 2.59  |
| 1503081908 | 1.11  | 2.65  | 2.81  | 3.18  | 3.04  | 2.05  | 1.83  | 0.23  | -1.73 | -2.55 | -3.37 | -4.01 |
| 1503081909 | -3.75 | 0.84  | 1.21  | 2.19  | 2.20  | 2.18  | 3.09  | 1.76  | 0.88  | 0.28  | -1.00 | -1.16 |
| 1503081910 | -0.28 | 1.22  | -1.55 | -1.35 | 0.02  | 0.75  | 2.63  | 1.35  | 2.58  | 3.10  | 3.07  | 2.93  |
| 1503081911 | 2.36  | 2.07  | 0.43  | 2.12  | 0.26  | 0.25  | -1.57 | -1.37 | -0.90 | 0.14  | 0.88  | 1.79  |
| 1503081912 | 1.06  | 0.98  | 1.82  | 2.48  | 2.40  | 1.47  | 2.36  | 2.32  | 2.03  | 1.01  | -0.62 | -0.53 |
| 1503081913 | 3.09  | 2.68  | 3.83  | 2.45  | 1.20  | -0.27 | -1.79 | -2.42 | -2.61 | -2.19 | -2.07 | -2.28 |
| 1503081914 | -2.34 | -0.65 | -1.06 | -1.08 | -2.01 | -2.74 | -3.23 | -2.24 | -2.02 | 0.11  | -1.02 | 0.53  |
| 1503081915 | 1.24  | -0.44 | -1.11 | -2.28 | -0.22 | 0.25  | 1.45  | 2.04  | 2.17  | 2.44  | 2.82  | 4.02  |
| 1503081916 | 4.61  | 4.28  | 3.66  | 2.44  | 1.86  | 2.49  | 1.49  | 0.94  | 1.61  | 1.58  | 0.48  | 0.97  |
| 1503081917 | 2.25  | 2.29  | 2.38  | 2.43  | 2.32  | 2.13  | 1.79  | 0.81  | 0.19  | 1.44  | 0.02  | -0.93 |
| 1503081918 | -0.46 | -0.62 | -1.39 | -1.38 | -1.19 | -1.38 | -1.33 | -1.68 | -0.77 | -0.44 | -1.49 | -1.28 |
| 1503081919 | -1.40 | -1.84 | -0.94 | -1.42 | 0.65  | -0.26 | -1.64 | -1.86 | -2.36 | 0.84  | 2.68  | 3.15  |
| 1503081920 | 3.73  | 2.31  | 1.48  | 2.83  | 2.63  | 1.63  | 1.82  | 2.48  | 2.31  | 1.22  | 0.67  | 0.02  |
| 1503081921 | -0.60 | -0.65 | -0.16 | -0.69 | -1.12 | -1.70 | -2.77 | -2.56 | -0.81 | -1.10 | 1.86  | 2.27  |
| 1503081922 | 0.67  | 0.69  | 2.05  | 1.54  | 0.91  | -0.59 | -0.41 | -1.15 | -1.37 | -1.73 | -2.55 | -2.24 |
| 1503081923 | -0.54 | 1.09  | 0.92  | 1.06  | 0.28  | 0.69  | 0.44  | 1.33  | 1.37  | 0.46  | 1.10  | 2.46  |
| 1503081924 | 2.64  | 2.13  | 1.34  | 0.05  | 1.10  | 1.14  | 0.89  | -0.13 | 1.38  | -0.89 | -1.37 | 0.05  |
| 1503081925 | -0.89 | -0.24 | -0.96 | -1.63 | -1.66 | -1.79 | -1.08 | -2.30 | -2.43 | 1.56  | 2.56  | 0.45  |
| 1503081926 | 0.42  | 0.49  | -0.71 | -0.95 | -1.48 | -1.72 | -1.10 | 1.03  | 1.51  | 3.01  | 3.21  | 3.64  |
| 1503081927 | 4.25  | 3.23  | 3.22  | 3.69  | 4.68  | 3.98  | 3.47  | 2.07  | 1.43  | 0.35  | 1.51  | 1.78  |
| 1503081928 | 0.85  | 0.58  | -0.69 | -0.69 | -0.91 | 2.37  | 2.24  | 1.79  | -0.73 | -0.53 | -0.32 | -0.76 |
| 1503081929 | 0.40  | 0.64  | -0.64 | -0.96 | 1.14  | 0.43  | 0.14  | -0.85 | 0.65  | 0.97  | 1.39  | 1.13  |
| 1503081930 | 1.56  | 1.46  | -0.71 | -1.83 | -2.51 | -3.25 | -4.45 | -5.09 | -5.19 | -5.57 | -6.46 | -7.28 |
| 1503081931 | -7.77 | -7.63 | -7.20 | -5.85 | -6.16 | -6.17 | -5.91 | -4.60 | -5.04 | -4.29 | -4.47 | -3.22 |
| 1503081932 | -0.18 | -0.48 | 0.53  | 0.70  | -1.02 | -0.53 | -0.28 | 0.53  | 0.69  | 1.09  | 1.04  | 1.09  |
| 1503081933 | 1.64  | 1.69  | 1.85  | 2.02  | 2.19  | -0.01 | 0.47  | -0.16 | 1.64  | 1.24  | -0.12 | 0.90  |
| 1503081934 | -0.52 | -1.02 | -0.71 | -1.61 | -2.52 | -2.62 | -2.75 | -2.07 | -0.94 | -2.41 | -3.04 | -3.61 |
| 1503081935 | -2.38 | -2.81 | 0.08  | 0.50  | 2.34  | 3.37  | 3.53  | 3.90  | 3.82  | 3.61  | 3.85  | 3.29  |
| 1503081936 | 2.83  | 1.47  | 0.94  | 1.90  | -0.12 | -2.33 | -3.16 | -4.29 | -4.23 | -3.66 | -3.80 | -3.48 |
| 1503081937 | 3.48  | 2.54  | 0.26  | 0.85  | 0.02  | 0.14  | -1.16 | -1.04 | -1.71 | -0.85 | -1.79 | -2.01 |
| 1503081938 | -1.98 | -2.19 | -1.48 | -2.08 | -0.64 | -0.47 | 1.28  | 1.42  | 1.13  | -0.87 | -0.80 | -1.21 |
| 1503081939 | 0.40  | 1.81  | 2.08  | 2.81  | 0.43  | 2.47  | 2.50  | 1.79  | -0.27 | -0.70 | -1.77 | -2.50 |
| 1503081940 | -3.01 | -1.60 | -0.43 | 0.18  | 0.67  | 0.35  | -0.81 | -0.38 | -0.67 | -2.17 | -2.27 | -2.48 |
| 1503081941 | -2.52 | -3.10 | -3.58 | -3.89 | -4.54 | -3.39 | -3.10 | -3.57 | -4.20 | -3.02 | -3.37 | -3.64 |
| 1503081942 | -3.57 | -3.47 | -3.34 | -3.48 | -3.44 | -1.29 | 0.42  | 2.86  | 2.82  | 2.91  | 3.67  | 4.49  |
| 1503081943 | 2.95  | 1.50  | 3.55  | 3.35  | 3.41  | 2.96  | 2.90  | 0.31  | -0.61 | -1.69 | -2.76 | -3.66 |
| 1503081944 | -4.16 | -3.95 | -2.54 | -1.53 | -2.32 | -3.55 | -4.35 | -2.36 | -1.66 | -2.37 | -3.37 | -3.35 |
| 1503081945 | -2.43 | 0.32  | 1.43  | 1.43  | 1.73  | 1.87  | 1.29  | -0.18 | -1.13 | -1.28 | 0.12  | -0.33 |
| 1503081946 | -0.79 | 0.46  | 0.26  | -0.99 | 0.53  | 1.17  | 1.16  | 1.58  | 1.41  | 1.21  | 0.47  | 0.05  |

|            |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1503081947 | 1.38  | -0.84 | -1.34 | -0.64 | 0.66  | 0.89  | 0.86  | 0.67  | 0.76  | -0.44 | -0.59 | -1.19 |
| 1503081948 | -1.20 | 0.58  | 0.90  | 1.86  | 1.13  | 0.60  | 0.36  | -0.82 | -1.50 | -1.41 | 0.70  | 1.01  |
| 1503081949 | 1.61  | 1.98  | 1.83  | 1.31  | -0.09 | 0.44  | -0.66 | 0.32  | -0.64 | -0.75 | -1.21 | 0.37  |
| 1503081950 | 3.13  | 3.16  | 2.16  | 1.40  | 2.01  | 3.17  | 3.98  | 3.67  | 4.23  | 3.47  | 4.42  | 3.26  |
| 1503081951 | 4.54  | 4.46  | 4.15  | 2.96  | 1.69  | 0.59  | -1.83 | -2.22 | -1.69 | -2.13 | 0.12  | 2.02  |
| 1503081952 | 2.30  | 1.36  | 2.26  | 0.67  | -0.01 | -1.19 | -2.03 | -2.37 | -2.62 | -2.83 | -3.11 | -3.14 |
| 1503081953 | -2.39 | -3.06 | -2.47 | -1.99 | -1.73 | -2.16 | -2.32 | -2.91 | -3.48 | -4.16 | -5.02 | -5.68 |
| 1503081954 | -5.34 | -5.50 | -5.52 | -5.42 | -5.31 | -5.38 | -5.74 | -4.53 | -3.78 | -3.85 | -4.37 | -4.19 |
| 1503081955 | -4.21 | -0.83 | 1.14  | -0.17 | -0.06 | 0.46  | 1.33  | 0.31  | 0.41  | 0.94  | 1.04  | -0.55 |
| 1503081956 | -0.57 | 1.68  | 1.88  | 1.89  | 1.24  | 1.75  | 2.39  | 1.87  | 2.19  | 1.26  | 0.56  | 1.26  |
| 1503081957 | 1.55  | 1.45  | -0.75 | 1.07  | 1.09  | 1.34  | -0.56 | -1.36 | -0.48 | -0.25 | 1.01  | 1.63  |
| 1503081958 | 0.52  | -0.66 | -1.17 | 0.07  | 0.46  | 0.91  | 2.18  | 2.28  | 2.25  | 1.43  | 1.41  | -0.35 |
| 1503081959 | 0.63  | -0.07 | -1.02 | -1.39 | -1.74 | -2.03 | -1.72 | -1.87 | -2.71 | -1.56 | -0.97 | -0.71 |
| 1503081960 | -1.08 | 0.00  | -1.10 | -2.48 | -2.34 | 1.43  | 0.99  | 0.97  | 0.99  | 0.83  | 0.60  | -0.66 |
| 1503081961 | -1.00 | -0.82 | -0.53 | 1.03  | 1.91  | 2.22  | 2.85  | 2.56  | 0.84  | -0.55 | -0.95 | -0.69 |
| 1503081962 | -0.48 | 1.38  | 1.38  | 0.22  | 0.25  | 0.04  | 0.71  | -0.61 | 0.47  | 0.89  | 1.07  | 0.33  |
| 1503081963 | -0.84 | -1.31 | 0.98  | -0.90 | -0.78 | -0.91 | 0.64  | 0.64  | -0.67 | -1.71 | -2.45 | -3.42 |
| 1503081964 | -3.43 | -3.25 | 2.44  | 2.02  | -0.21 | -0.90 | -1.22 | -1.72 | -1.55 | -2.15 | -2.56 | -1.59 |
| 1503081965 | -1.58 | -1.12 | -0.01 | 0.43  | -1.64 | -2.26 | -2.02 | -2.33 | 0.86  | 1.69  | 0.63  | -1.19 |
| 1503081966 | 0.19  | 0.50  | -1.08 | 0.88  | 0.55  | -1.10 | -1.11 | -0.13 | 0.52  | 0.38  | 0.59  | 1.04  |
| 1503081967 | -0.85 | -1.18 | -0.07 | -0.32 | 0.87  | 0.56  | 0.97  | 0.83  | 0.72  | 0.62  | 1.02  | 1.12  |
| 1503081968 | -0.56 | -1.38 | 0.05  | 0.61  | 1.66  | 0.18  | 1.02  | 1.50  | 0.74  | 0.02  | -0.32 | -0.45 |
| 1503081969 | -0.37 | -0.93 | -1.59 | -1.54 | -1.75 | -1.54 | -1.75 | -0.94 | -1.59 | -1.87 | -1.83 | -1.08 |
| 1503081970 | -2.03 | -1.75 | -1.62 | 1.40  | -0.15 | -0.38 | -0.84 | -0.86 | 0.39  | 0.51  | -0.38 | 0.59  |
| 1503081971 | 0.35  | 0.85  | -0.69 | -1.14 | 0.70  | 0.59  | 1.27  | 1.26  | 1.75  | -0.07 | -1.00 | -1.03 |
| 1503081972 | -0.35 | 0.61  | 0.42  | 2.09  | 1.82  | 1.46  | 1.01  | 0.04  | 0.87  | 1.06  | 2.09  | 2.80  |
| 1503081973 | 1.25  | 0.08  | -0.17 | 1.33  | 2.43  | 2.95  | 3.28  | 2.17  | 1.01  | 0.97  | 2.57  | 2.31  |
| 1503081974 | 2.69  | 1.04  | 1.21  | 0.45  | 1.57  | 2.09  | 0.66  | 3.19  | 3.99  | 3.52  | 3.41  | 3.33  |
| 1503081975 | 2.98  | 3.12  | 4.33  | 4.42  | 3.06  | 2.82  | 1.57  | 1.30  | 3.32  | 4.15  | 3.48  | 3.56  |
| 1503081976 | 3.28  | 2.70  | 1.27  | -1.22 | -1.67 | 0.23  | 0.09  | 0.08  | 0.99  | 2.02  | 0.92  | -0.65 |
| 1503081977 | -1.29 | -1.87 | -1.99 | -1.85 | -2.67 | -1.66 | -1.70 | 0.53  | -0.08 | 1.55  | 1.94  | 2.07  |
| 1503081978 | 2.46  | 0.24  | -0.29 | -1.21 | 0.23  | -0.46 | 1.30  | 2.73  | 0.98  | 2.37  | 2.59  | 4.58  |
| 1503081979 | 4.54  | 4.41  | 1.95  | 2.93  | 2.72  | 3.25  | 3.96  | 4.58  | 6.64  | 6.38  | 6.52  | 5.97  |
| 1503081980 | 4.24  | 2.46  | 2.89  | 2.15  | 1.60  | 0.48  | 0.53  | 0.15  | -0.97 | -1.07 | -1.38 | -2.00 |
| 1503081981 | -2.72 | -1.62 | -2.58 | -1.81 | -0.02 | 0.14  | 1.16  | 0.63  | 0.44  | 1.10  | -0.46 | -0.51 |
| 1503081982 | 0.58  | 0.32  | 0.41  | -0.38 | -0.63 | 0.74  | -0.52 | 0.59  | 0.57  | -0.46 | 0.24  | 0.54  |
| 1503081983 | -0.64 | -1.13 | -1.99 | -0.03 | 2.65  | 2.06  | -0.78 | -2.03 | -2.77 | 1.72  | 2.13  | 2.13  |
| 1503081984 | 0.22  | -0.20 | -0.03 | 0.92  | 2.33  | -0.17 | -0.39 | -1.60 | -1.68 | -0.86 | 0.89  | 1.31  |
| 1503081985 | 0.06  | -0.77 | -0.88 | -1.89 | -1.80 | -1.10 | -0.98 | 0.11  | -1.37 | 0.32  | 1.31  | -0.46 |
| 1503081986 | -1.33 | -0.89 | -1.58 | -2.46 | -2.59 | -3.06 | -2.80 | -2.86 | -1.97 | -1.75 | 0.71  | 1.07  |
| 1503081987 | -0.23 | -0.59 | -0.75 | -1.01 | -2.25 | -2.41 | -2.35 | -2.90 | -3.25 | -3.71 | -4.27 | -4.01 |
| 1503081988 | -3.79 | -2.97 | -3.46 | -3.20 | -3.27 | -4.16 | -3.65 | -3.59 | -2.48 | -2.31 | -0.20 | 0.45  |
| 1503081989 | 0.44  | 2.92  | 3.00  | 2.55  | 2.73  | 3.15  | 2.51  | 2.89  | 3.20  | 3.52  | 3.52  | 2.36  |
| 1503081990 | 1.99  | 2.78  | 0.44  | -0.49 | 2.00  | 2.25  | 1.59  | 2.23  | 2.18  | 3.11  | 2.91  | 4.84  |
| 1503081991 | 3.85  | 3.79  | 3.88  | 2.54  | 1.03  | -0.55 | -1.27 | -1.75 | -1.45 | -1.79 | -2.58 | -1.23 |
| 1503081992 | -1.47 | -2.32 | -1.85 | -2.43 | -1.75 | -0.46 | 1.62  | 2.05  | 1.89  | 0.91  | 1.73  | 0.44  |
| 1503081993 | -0.10 | 0.27  | -0.30 | -0.37 | -0.88 | 0.73  | -0.80 | -0.50 | -0.55 | 0.70  | 1.19  | 1.19  |
| 1503081994 | 1.33  | 1.43  | 1.79  | 2.22  | 1.76  | 0.36  | 0.02  | 0.04  | -0.83 | -0.99 | -1.34 | -1.51 |
| 1503081995 | -0.86 | -1.37 | -1.82 | -1.58 | 1.56  | 1.52  | -0.63 | -0.86 | -1.08 | 0.75  | 0.61  | 0.43  |
| 1503081996 | 0.70  | 0.32  | 0.48  | 1.25  | 2.50  | 2.47  | 2.70  | 1.42  | 2.91  | 2.71  | 3.18  | 3.33  |
| 1503081997 | 2.69  | 1.86  | 4.61  | 2.79  | 3.85  | 5.37  | 2.81  | 1.97  | 0.76  | -0.30 | -1.12 | -1.82 |
| 1503081998 | -1.70 | -1.96 | -2.20 | 1.11  | 1.32  | 3.00  | 3.28  | 1.28  | -1.19 | -1.45 | -2.22 | -2.31 |



|            |       |       |       |       |       |       |       |       |       |        |        |        |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 1503081999 | -0.78 | -0.85 | -1.39 | -2.20 | -2.72 | -2.23 | -3.45 | -4.03 | -4.41 | -4.25  | -4.96  | -5.27  |
| 1503082000 | -4.88 | -3.13 | -3.91 | -3.57 | -3.63 | -2.71 | -2.36 | -1.74 | -0.44 | -1.41  | -1.77  | -1.18  |
| 1503082001 | -2.15 | -2.09 | -2.31 | -3.18 | -2.76 | -2.61 | 0.51  | 0.71  | 0.01  | 1.56   | 1.76   | 1.51   |
| 1503082002 | 0.58  | -0.96 | 0.85  | 1.06  | 1.69  | 1.59  | -1.07 | -2.16 | -1.13 | 1.32   | 1.43   | 1.65   |
| 1503082003 | -0.08 | 1.55  | -0.81 | -0.92 | 0.97  | 1.54  | 1.59  | 1.94  | 2.72  | 2.63   | 3.32   | 3.15   |
| 1503082004 | 3.00  | 1.73  | 0.91  | 0.63  | 2.63  | 1.80  | 3.05  | 3.13  | 3.11  | 4.52   | 5.23   | 4.82   |
| 1503082005 | 4.78  | 3.20  | 2.19  | 1.99  | 0.68  | -1.06 | -2.27 | -0.89 | -2.28 | -2.74  | -2.97  | -3.37  |
| 1503082006 | -2.62 | -3.05 | -2.84 | -2.09 | -2.00 | -1.46 | -1.54 | -1.05 | 2.37  | 3.63   | 3.15   | 2.41   |
| 1503082007 | 2.19  | 1.81  | -0.12 | -0.19 | -1.74 | -2.10 | -1.98 | -3.12 | -3.69 | -1.38  | -1.70  | 0.66   |
| 1503082008 | 0.63  | 1.58  | 2.62  | 2.66  | 2.88  | 2.81  | 1.73  | -0.55 | -5.00 | -99.99 | -99.99 | -99.99 |

|            |    |   |   |    |    |     |     |     |     |     |     |     |    |   |
|------------|----|---|---|----|----|-----|-----|-----|-----|-----|-----|-----|----|---|
| 1503041895 | 0  | 0 | 0 | 0  | 0  | 12  | 78  | 309 | 288 | 347 | 240 | 0   | 0  | 0 |
| 1503041896 | 0  | 0 | 0 | 0  | 55 | 226 | 226 | 235 | 353 | 344 | 122 | 10  | 0  | 0 |
| 1503041897 | 0  | 0 | 0 | 11 | 0  | 44  | 44  | 224 | 384 | 283 | 227 | 66  | 0  | 0 |
| 1503041898 | 8  | 0 | 0 | 14 | 0  | 135 | 135 | 309 | 391 | 344 | 248 | 18  | 0  | 0 |
| 1503041899 | 0  | 0 | 0 | 0  | 11 | 145 | 145 | 309 | 360 | 381 | 139 | 47  | 0  | 0 |
| 1503041900 | 0  | 0 | 0 | 0  | 6  | 116 | 116 | 252 | 372 | 456 | 273 | 89  | 0  | 0 |
| 1503041901 | 0  | 0 | 0 | 6  | 0  | 67  | 67  | 289 | 499 | 307 | 129 | 21  | 0  | 0 |
| 1503041902 | 0  | 0 | 0 | 8  | 0  | 172 | 172 | 219 | 381 | 292 | 112 | 32  | 6  | 0 |
| 1503041903 | 0  | 0 | 0 | 20 | 5  | 149 | 149 | 116 | 353 | 295 | 152 | 19  | 0  | 0 |
| 1503041904 | 0  | 0 | 0 | 7  | 0  | 94  | 94  | 224 | 288 | 283 | 176 | 14  | 0  | 0 |
| 1503041905 | 0  | 0 | 0 | 18 | 8  | 150 | 150 | 266 | 316 | 313 | 159 | 15  | 0  | 0 |
| 1503041906 | 8  | 0 | 0 | 0  | 18 | 184 | 184 | 252 | 295 | 366 | 227 | 15  | 0  | 0 |
| 1503041907 | 11 | 0 | 0 | 24 | 0  | 40  | 40  | 152 | 366 | 271 | 144 | 9   | 0  | 0 |
| 1503041908 | 0  | 0 | 0 | 14 | 18 | 113 | 113 | 238 | 350 | 329 | 215 | 17  | 0  | 0 |
| 1503041909 | 0  | 0 | 0 | 0  | 6  | 70  | 70  | 269 | 273 | 347 | 115 | 8   | 0  | 0 |
| 1503041910 | 0  | 0 | 0 | 31 | 6  | 38  | 38  | 145 | 338 | 263 | 193 | 44  | 0  | 0 |
| 1503041911 | 0  | 0 | 0 | 0  | 0  | 172 | 172 | 277 | 319 | 316 | 259 | 28  | 0  | 0 |
| 1503041912 | 0  | 0 | 0 | 0  | 13 | 115 | 115 | 147 | 338 | 242 | 181 | 28  | 0  | 0 |
| 1503041913 | 11 | 0 | 0 | 6  | 0  | 106 | 106 | 269 | 431 | 378 | 146 | 18  | 0  | 0 |
| 1503041914 | 0  | 0 | 0 | 0  | 6  | 118 | 118 | 357 | 403 | 319 | 117 | 33  | 0  | 0 |
| 1503041915 | 0  | 0 | 0 | 0  | 21 | 78  | 78  | 180 | 301 | 169 | 174 | 37  | 0  | 0 |
| 1503041916 | 9  | 0 | 0 | 0  | 0  | 121 | 121 | 136 | 419 | 360 | 114 | 17  | 0  | 0 |
| 1503041917 | 0  | 0 | 0 | 0  | 5  | 22  | 22  | 161 | 295 | 263 | 114 | 0   | 0  | 0 |
| 1503041918 | 0  | 0 | 0 | 14 | 0  | 174 | 174 | 230 | 255 | 462 | 39  | 50  | 0  | 7 |
| 1503041919 | 0  | 0 | 0 | 8  | 8  | 73  | 73  | 348 | 425 | 286 | 195 | 101 | 0  | 0 |
| 1503041920 | 0  | 0 | 0 | 7  | 0  | 68  | 68  | 190 | 282 | 239 | 174 | 47  | 0  | 0 |
| 1503041921 | 0  | 0 | 0 | 39 | 14 | 101 | 101 | 366 | 487 | 313 | 298 | 17  | 0  | 0 |
| 1503041922 | 0  | 0 | 0 | 12 | 17 | 147 | 147 | 283 | 329 | 301 | 233 | 37  | 0  | 0 |
| 1503041923 | 8  | 0 | 0 | 0  | 0  | 78  | 78  | 244 | 338 | 292 | 157 | 14  | 0  | 9 |
| 1503041924 | 0  | 0 | 0 | 0  | 10 | 31  | 31  | 244 | 247 | 326 | 82  | 46  | 0  | 0 |
| 1503041925 | 0  | 0 | 0 | 10 | 30 | 37  | 37  | 330 | 322 | 338 | 337 | 0   | 0  | 0 |
| 1503041926 | 0  | 0 | 0 | 0  | 0  | 108 | 108 | 154 | 353 | 357 | 233 | 26  | 0  | 0 |
| 1503041927 | 0  | 6 | 0 | 10 | 12 | 89  | 89  | 141 | 310 | 217 | 220 | 40  | 0  | 0 |
| 1503041928 | 0  | 0 | 0 | 0  | 0  | 57  | 57  | 126 | 357 | 347 | 85  | 49  | 0  | 0 |
| 1503041929 | 0  | 0 | 0 | 20 | 21 | 74  | 74  | 178 | 341 | 245 | 146 | 12  | 0  | 0 |
| 1503041930 | 0  | 0 | 0 | 0  | 14 | 118 | 118 | 216 | 450 | 335 | 210 | 12  | 0  | 0 |
| 1503041931 | 0  | 0 | 0 | 0  | 6  | 63  | 63  | 283 | 443 | 295 | 278 | 47  | 10 | 7 |
| 1503041932 | 15 | 7 | 0 | 0  | 6  | 93  | 93  | 266 | 372 | 316 | 163 | 16  | 0  | 0 |
| 1503041933 | 13 | 0 | 0 | 0  | 6  | 154 | 154 | 333 | 338 | 292 | 273 | 16  | 0  | 0 |
| 1503041934 | 8  | 0 | 0 | 0  | 10 | 136 | 136 | 366 | 490 | 326 | 163 | 24  | 0  | 0 |
| 1503041935 | 0  | 0 | 0 | 28 | 5  | 62  | 62  | 175 | 425 | 347 | 133 | 28  | 0  | 0 |
| 1503041936 | 0  | 0 | 0 | 14 | 0  | 150 | 150 | 312 | 481 | 487 | 267 | 24  | 0  | 0 |

|            |    |   |    |    |     |     |     |     |     |     |     |     |    |   |   |
|------------|----|---|----|----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|---|
| 1503041937 | 14 | 0 | 0  | 0  | 0   | 0   | 6   | 86  | 263 | 326 | 381 | 122 | 12 | 0 | 0 |
| 1503041938 | 0  | 6 | 21 | 18 | 105 | 185 | 375 | 375 | 170 | 375 | 375 | 170 | 32 | 0 | 0 |
| 1503041939 | 8  | 0 | 11 | 0  | 125 | 297 | 341 | 307 | 275 | 341 | 307 | 275 | 41 | 0 | 0 |
| 1503041940 | 0  | 0 | 0  | 0  | 48  | 246 | 326 | 338 | 101 | 326 | 338 | 101 | 38 | 0 | 0 |
| 1503041941 | 0  | 0 | 0  | 21 | 133 | 269 | 388 | 344 | 243 | 388 | 344 | 243 | 79 | 0 | 0 |
| 1503041942 | 0  | 0 | 13 | 16 | 103 | 280 | 378 | 286 | 127 | 378 | 286 | 127 | 26 | 0 | 0 |
| 1503041943 | 0  | 0 | 0  | 0  | 135 | 372 | 372 | 388 | 112 | 372 | 388 | 112 | 16 | 0 | 0 |
| 1503041944 | 0  | 0 | 0  | 6  | 197 | 369 | 381 | 329 | 135 | 381 | 329 | 135 | 19 | 0 | 0 |
| 1503041945 | 0  | 0 | 43 | 17 | 48  | 195 | 307 | 313 | 235 | 307 | 313 | 235 | 16 | 0 | 0 |
| 1503041946 | 0  | 0 | 39 | 17 | 73  | 227 | 310 | 162 | 127 | 310 | 162 | 127 | 33 | 0 | 0 |
| 1503041947 | 9  | 0 | 0  | 12 | 57  | 198 | 193 | 437 | 161 | 193 | 437 | 161 | 82 | 0 | 0 |
| 1503041948 | 0  | 0 | 13 | 24 | 75  | 252 | 357 | 289 | 165 | 357 | 289 | 165 | 8  | 0 | 0 |
| 1503041949 | 15 | 0 | 0  | 0  | 101 | 289 | 443 | 307 | 64  | 443 | 307 | 64  | 49 | 0 | 0 |
| 1503041950 | 16 | 0 | 0  | 0  | 105 | 190 | 235 | 212 | 102 | 235 | 212 | 102 | 53 | 0 | 0 |
| 1503041951 | 0  | 0 | 0  | 0  | 103 | 244 | 360 | 319 | 122 | 360 | 319 | 122 | 31 | 0 | 0 |
| 1503041952 | 9  | 0 | 0  | 7  | 96  | 381 | 431 | 319 | 129 | 431 | 319 | 129 | 0  | 0 | 0 |
| 1503041953 | 9  | 0 | 9  | 0  | 150 | 324 | 360 | 329 | 167 | 360 | 329 | 167 | 44 | 0 | 0 |
| 1503041954 | 0  | 0 | 0  | 37 | 35  | 289 | 419 | 347 | 230 | 419 | 347 | 230 | 29 | 0 | 0 |
| 1503041955 | 0  | 0 | 8  | 21 | 115 | 111 | 422 | 384 | 215 | 422 | 384 | 215 | 19 | 0 | 0 |
| 1503041956 | 0  | 0 | 0  | 0  | 101 | 222 | 313 | 277 | 88  | 313 | 277 | 88  | 43 | 7 | 0 |
| 1503041957 | 0  | 0 | 0  | 14 | 100 | 263 | 338 | 292 | 163 | 338 | 292 | 163 | 7  | 0 | 0 |
| 1503041958 | 0  | 0 | 0  | 6  | 75  | 152 | 329 | 260 | 126 | 329 | 260 | 126 | 14 | 0 | 0 |
| 1503041959 | 0  | 0 | 0  | 9  | 158 | 216 | 357 | 391 | 202 | 357 | 391 | 202 | 25 | 0 | 0 |
| 1503041960 | 0  | 0 | 0  | 16 | 49  | 185 | 273 | 341 | 174 | 273 | 341 | 174 | 23 | 0 | 0 |
| 1503041961 | 0  | 0 | 10 | 0  | 28  | 147 | 298 | 268 | 200 | 298 | 268 | 200 | 21 | 0 | 0 |
| 1503041962 | 0  | 0 | 0  | 0  | 197 | 219 | 285 | 292 | 79  | 285 | 292 | 79  | 27 | 0 | 0 |
| 1503041963 | 0  | 0 | 12 | 10 | 53  | 188 | 247 | 209 | 99  | 247 | 209 | 99  | 60 | 0 | 0 |
| 1503041964 | 0  | 0 | 0  | 14 | 113 | 241 | 310 | 292 | 142 | 310 | 292 | 142 | 7  | 0 | 0 |
| 1503041965 | 0  | 0 | 0  | 9  | 166 | 208 | 273 | 283 | 161 | 273 | 283 | 161 | 10 | 0 | 0 |
| 1503041966 | 0  | 0 | 6  | 0  | 46  | 198 | 388 | 245 | 93  | 388 | 245 | 93  | 6  | 0 | 0 |
| 1503041967 | 0  | 0 | 12 | 16 | 45  | 211 | 224 | 177 | 74  | 224 | 177 | 74  | 14 | 0 | 0 |
| 1503041968 | 0  | 0 | 6  | 8  | 57  | 208 | 310 | 322 | 124 | 310 | 322 | 124 | 17 | 0 | 0 |
| 1503041969 | 0  | 0 | 0  | 10 | 97  | 224 | 378 | 277 | 114 | 378 | 277 | 114 | 19 | 0 | 0 |
| 1503041970 | 0  | 0 | 0  | 12 | 125 | 206 | 298 | 304 | 240 | 298 | 304 | 240 | 28 | 0 | 0 |
| 1503041971 | 0  | 0 | 0  | 0  | 36  | 283 | 264 | 225 | 193 | 264 | 225 | 193 | 76 | 0 | 7 |
| 1503041972 | 0  | 0 | 0  | 5  | 83  | 111 | 295 | 271 | 193 | 295 | 271 | 193 | 8  | 0 | 0 |
| 1503041973 | 0  | 0 | 24 | 0  | 35  | 246 | 322 | 295 | 205 | 322 | 295 | 205 | 45 | 0 | 0 |
| 1503041974 | 8  | 0 | 12 | 10 | 83  | 120 | 288 | 265 | 57  | 288 | 265 | 57  | 9  | 0 | 0 |
| 1503041975 | 0  | 0 | 0  | 0  | 128 | 216 | 304 | 375 | 71  | 304 | 375 | 71  | 22 | 0 | 0 |
| 1503041976 | 0  | 0 | 17 | 7  | 40  | 193 | 255 | 201 | 77  | 255 | 201 | 77  | 0  | 0 | 0 |
| 1503041977 | 0  | 0 | 14 | 18 | 152 | 185 | 394 | 292 | 185 | 394 | 292 | 185 | 7  | 0 | 0 |
| 1503041978 | 0  | 0 | 0  | 9  | 48  | 224 | 319 | 286 | 195 | 319 | 286 | 195 | 8  | 0 | 0 |

|            |    |   |    |    |     |     |     |     |     |       |       |      |
|------------|----|---|----|----|-----|-----|-----|-----|-----|-------|-------|------|
| 1503041979 | 0  | 0 | 10 | 0  | 57  | 185 | 250 | 268 | 107 | 11    | 0     | 0    |
| 1503041980 | 0  | 0 | 0  | 0  | 83  | 163 | 394 | 406 | 188 | 7     | 0     | 0    |
| 1503041981 | 0  | 0 | 0  | 25 | 39  | 246 | 329 | 251 | 93  | 12    | 0     | 0    |
| 1503041982 | 0  | 0 | 8  | 0  | 170 | 124 | 338 | 217 | 91  | 22    | 0     | 6    |
| 1503041983 | 0  | 0 | 7  | 0  | 44  | 198 | 412 | 446 | 159 | 26    | 0     | 0    |
| 1503041984 | 0  | 0 | 0  | 0  | 40  | 297 | 253 | 301 | 110 | 66    | 0     | 6    |
| 1503041985 | 0  | 0 | 10 | 20 | 100 | 175 | 310 | 257 | 129 | 45    | 6     | 0    |
| 1503041986 | 0  | 0 | 7  | 12 | 113 | 260 | 412 | 231 | 185 | 24    | 0     | 0    |
| 1503041987 | 0  | 0 | 8  | 0  | 172 | 277 | 366 | 353 | 150 | 0     | 0     | 0    |
| 1503041988 | 0  | 0 | 0  | 0  | 78  | 227 | 397 | 381 | 119 | 0     | 0     | 0    |
| 1503041989 | 8  | 0 | 8  | 0  | 35  | 193 | 326 | 265 | 114 | 15    | 0     | 0    |
| 1503041990 | 10 | 0 | 11 | 0  | 52  | 198 | 304 | 254 | 139 | 14    | 0     | 0    |
| 1503041991 | 0  | 0 | 9  | 15 | 193 | 277 | 375 | 301 | 140 | 24    | 0     | 0    |
| 1503041992 | 0  | 0 | 0  | 6  | 51  | 126 | 313 | 174 | 106 | 10    | 0     | 0    |
| 1503041993 | 0  | 0 | 0  | 0  | 86  | 193 | 434 | 329 | 101 | 9     | 0     | 0    |
| 1503041994 | 0  | 0 | 0  | 12 | 34  | 292 | 329 | 237 | 95  | 18    | 0     | 0    |
| 1503041995 | 0  | 0 | 9  | 7  | 74  | 233 | 372 | 450 | 112 | 18    | 0     | 0    |
| 1503041996 | 0  | 0 | 0  | 0  | 108 | 224 | 264 | 283 | 107 | 18    | 0     | 0    |
| 1503041997 | 0  | 0 | 9  | 0  | 26  | 159 | 347 | 248 | 115 | 15    | 0     | 0    |
| 1503041998 | 9  | 0 | 7  | 0  | 140 | 235 | 304 | 319 | 248 | 26    | 0     | 0    |
| 1503041999 | 0  | 0 | 0  | 12 | 101 | 260 | 453 | 310 | 139 | 16    | 0     | 0    |
| 1503042000 | 0  | 0 | 11 | 0  | 126 | 246 | 279 | 274 | 106 | 32    | 0     | 0    |
| 1503042001 | 0  | 0 | 0  | 21 | 120 | 190 | 316 | 353 | 104 | 16    | 0     | 0    |
| 1503042002 | 0  | 0 | 0  | 16 | 56  | 277 | 415 | 403 | 233 | 16    | 0     | 0    |
| 1503042003 | 0  | 0 | 11 | 13 | 84  | 145 | 313 | 332 | 102 | 17    | 0     | 0    |
| 1503042004 | 0  | 0 | 9  | 6  | 147 | 188 | 250 | 180 | 135 | 23    | 0     | 0    |
| 1503042005 | 0  | 0 | 0  | 9  | 46  | 277 | 378 | 394 | 195 | 20    | 0     | 0    |
| 1503042006 | 13 | 0 | 0  | 19 | 58  | 170 | 353 | 366 | 78  | 8     | 0     | 0    |
| 1503042007 | 0  | 0 | 20 | 0  | 138 | 269 | 282 | 474 | 227 | 59    | 0     | 0    |
| 1503042008 | 0  | 0 | 0  | 6  | 35  | 235 | 291 | 257 | 0   | -9999 | -9999 | 9999 |