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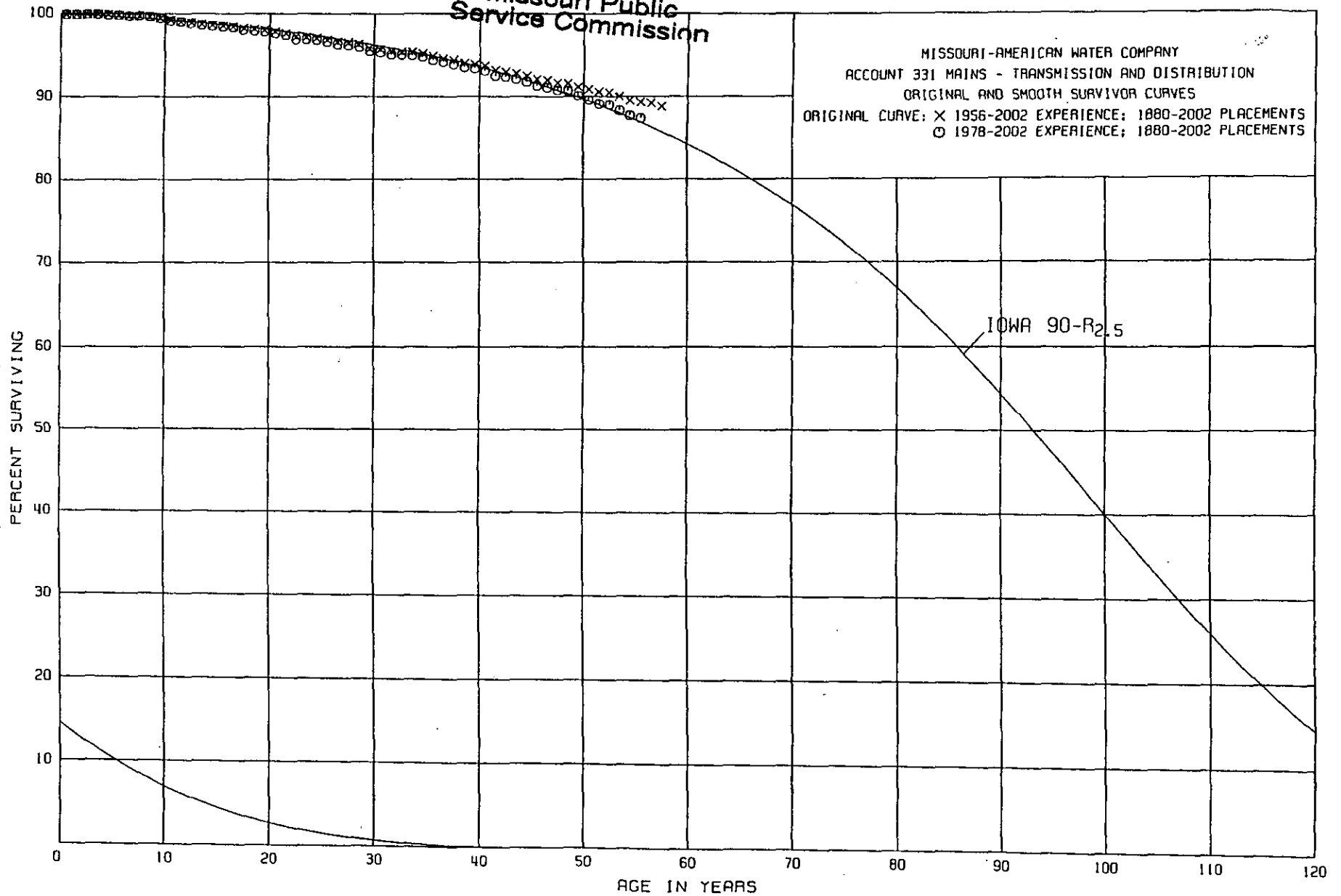
Exhibit No. 123

Case No(s) WR-2003-0500

Date 12-22-03 Rptr RL

Missouri Public  
Service Commission

MISSOURI-AMERICAN WATER COMPANY  
ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION  
ORIGINAL AND SMOOTH SURVIVOR CURVES  
ORIGINAL CURVE: X 1956-2002 EXPERIENCE; 1880-2002 PLACEMENTS  
O 1978-2002 EXPERIENCE; 1880-2002 PLACEMENTS



MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1956-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 0.0                            | 95,118,969                                   | 2,882                                 | 0.0000         | 1.0000        | 100.00                           |
| 0.5                            | 86,696,939                                   | 35,420                                | 0.0004         | 0.9996        | 100.00                           |
| 1.5                            | 84,664,638                                   | 20,680                                | 0.0002         | 0.9998        | 99.96                            |
| 2.5                            | 72,401,620                                   | 42,931                                | 0.0006         | 0.9994        | 99.94                            |
| 3.5                            | 69,352,760                                   | 16,713                                | 0.0002         | 0.9998        | 99.88                            |
| 4.5                            | 66,926,520                                   | 55,555                                | 0.0008         | 0.9992        | 99.86                            |
| 5.5                            | 55,034,422                                   | 29,635                                | 0.0005         | 0.9995        | 99.78                            |
| 6.5                            | 51,606,852                                   | 27,725                                | 0.0005         | 0.9995        | 99.73                            |
| 7.5                            | 49,610,976                                   | 62,393                                | 0.0013         | 0.9987        | 99.68                            |
| 8.5                            | 46,620,522                                   | 72,446                                | 0.0016         | 0.9984        | 99.55                            |
| 9.5                            | 44,347,455                                   | 103,878                               | 0.0023         | 0.9977        | 99.39                            |
| 10.5                           | 41,772,823                                   | 52,795                                | 0.0013         | 0.9987        | 99.16                            |
| 11.5                           | 39,506,362                                   | 70,225                                | 0.0018         | 0.9982        | 99.03                            |
| 12.5                           | 37,312,501                                   | 58,301                                | 0.0016         | 0.9984        | 98.85                            |
| 13.5                           | 35,115,116                                   | 34,133                                | 0.0010         | 0.9990        | 98.69                            |
| 14.5                           | 31,980,657                                   | 36,259                                | 0.0011         | 0.9989        | 98.59                            |
| 15.5                           | 30,208,225                                   | 20,564                                | 0.0007         | 0.9993        | 98.48                            |
| 16.5                           | 25,916,853                                   | 62,682                                | 0.0024         | 0.9976        | 98.41                            |
| 17.5                           | 24,959,719                                   | 27,172                                | 0.0011         | 0.9989        | 98.17                            |
| 18.5                           | 23,916,301                                   | 26,122                                | 0.0011         | 0.9989        | 98.06                            |
| 19.5                           | 23,088,549                                   | 46,995                                | 0.0020         | 0.9980        | 97.95                            |
| 20.5                           | 22,459,494                                   | 36,998                                | 0.0016         | 0.9984        | 97.75                            |
| 21.5                           | 22,075,780                                   | 99,151                                | 0.0045         | 0.9955        | 97.59                            |
| 22.5                           | 21,186,101                                   | 5,893                                 | 0.0003         | 0.9997        | 97.15                            |
| 23.5                           | 20,088,438                                   | 15,268                                | 0.0008         | 0.9992        | 97.12                            |
| 24.5                           | 18,654,121                                   | 44,595                                | 0.0024         | 0.9976        | 97.04                            |
| 25.5                           | 17,592,496                                   | 35,726                                | 0.0020         | 0.9980        | 96.81                            |
| 26.5                           | 16,766,671                                   | 28,408                                | 0.0017         | 0.9983        | 96.62                            |
| 27.5                           | 16,052,279                                   | 32,470                                | 0.0020         | 0.9980        | 96.46                            |
| 28.5                           | 14,101,036                                   | 67,066                                | 0.0048         | 0.9952        | 96.27                            |
| 29.5                           | 13,409,560                                   | 14,011                                | 0.0010         | 0.9990        | 95.81                            |
| 30.5                           | 12,594,124                                   | 25,893                                | 0.0021         | 0.9979        | 95.71                            |
| 31.5                           | 11,980,548                                   | 9,559                                 | 0.0008         | 0.9992        | 95.51                            |
| 32.5                           | 11,427,128                                   | 7,461                                 | 0.0007         | 0.9993        | 95.43                            |
| 33.5                           | 10,346,796                                   | 15,659                                | 0.0015         | 0.9985        | 95.36                            |
| 34.5                           | 9,775,768                                    | 38,367                                | 0.0039         | 0.9961        | 95.22                            |
| 35.5                           | 9,287,674                                    | 21,825                                | 0.0023         | 0.9977        | 94.85                            |
| 36.5                           | 8,740,218                                    | 19,854                                | 0.0023         | 0.9977        | 94.63                            |
| 37.5                           | 7,996,750                                    | 31,013                                | 0.0039         | 0.9961        | 94.41                            |
| 38.5                           | 7,350,801                                    | 10,525                                | 0.0014         | 0.9986        | 94.04                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1956-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 39.5                           | 6,604,722                                    | 18,139                                | 0.0027         | 0.9973        | 93.91                            |
| 40.5                           | 6,136,048                                    | 32,006                                | 0.0052         | 0.9948        | 93.66                            |
| 41.5                           | 5,773,185                                    | 9,348                                 | 0.0016         | 0.9984        | 93.17                            |
| 42.5                           | 5,575,864                                    | 12,425                                | 0.0022         | 0.9978        | 93.02                            |
| 43.5                           | 4,675,334                                    | 14,102                                | 0.0030         | 0.9970        | 92.82                            |
| 44.5                           | 4,466,182                                    | 22,078                                | 0.0049         | 0.9951        | 92.54                            |
| 45.5                           | 4,170,889                                    | 5,526                                 | 0.0013         | 0.9987        | 92.09                            |
| 46.5                           | 3,086,149                                    | 8,270                                 | 0.0027         | 0.9973        | 91.97                            |
| 47.5                           | 2,791,913                                    | 2,754                                 | 0.0010         | 0.9990        | 91.72                            |
| 48.5                           | 2,346,805                                    | 10,275                                | 0.0044         | 0.9956        | 91.63                            |
| 49.5                           | 2,260,319                                    | 7,933                                 | 0.0035         | 0.9965        | 91.23                            |
| 50.5                           | 2,195,326                                    | 7,796                                 | 0.0036         | 0.9964        | 90.91                            |
| 51.5                           | 2,119,383                                    | 1,968                                 | 0.0009         | 0.9991        | 90.58                            |
| 52.5                           | 2,044,363                                    | 10,569                                | 0.0052         | 0.9948        | 90.50                            |
| 53.5                           | 1,815,324                                    | 10,864                                | 0.0060         | 0.9940        | 90.03                            |
| 54.5                           | 1,732,211                                    | 3,479                                 | 0.0020         | 0.9980        | 89.49                            |
| 55.5                           | 1,570,835                                    | 2,206                                 | 0.0014         | 0.9986        | 89.31                            |
| 56.5                           | 1,490,328                                    | 6,248                                 | 0.0042         | 0.9958        | 89.18                            |
| 57.5                           | 1,514,933                                    | 3,570                                 | 0.0024         | 0.9976        | 88.81                            |
| 58.5                           | 1,504,939                                    | 596                                   | 0.0004         | 0.9996        | 88.60                            |
| 59.5                           | 1,473,528                                    | 372                                   | 0.0003         | 0.9997        | 88.56                            |
| 60.5                           | 1,481,023                                    | 2,335                                 | 0.0016         | 0.9984        | 88.53                            |
| 61.5                           | 1,493,973                                    | 1,882                                 | 0.0013         | 0.9987        | 88.39                            |
| 62.5                           | 1,494,372                                    | 2,336                                 | 0.0016         | 0.9984        | 88.28                            |
| 63.5                           | 1,475,736                                    | 445                                   | 0.0003         | 0.9997        | 88.14                            |
| 64.5                           | 1,443,210                                    | 791                                   | 0.0005         | 0.9995        | 88.11                            |
| 65.5                           | 1,458,999                                    | 2,124                                 | 0.0015         | 0.9985        | 88.07                            |
| 66.5                           | 1,413,247                                    | 54                                    | 0.0000         | 1.0000        | 87.94                            |
| 67.5                           | 1,406,129                                    | 2,007                                 | 0.0014         | 0.9986        | 87.94                            |
| 68.5                           | 1,380,615                                    | 2,358                                 | 0.0017         | 0.9983        | 87.82                            |
| 69.5                           | 1,378,909                                    | 1,042                                 | 0.0008         | 0.9992        | 87.67                            |
| 70.5                           | 1,375,690                                    | 325                                   | 0.0002         | 0.9998        | 87.60                            |
| 71.5                           | 1,325,476                                    | 506                                   | 0.0004         | 0.9996        | 87.58                            |
| 72.5                           | 1,288,821                                    | 1,014                                 | 0.0008         | 0.9992        | 87.54                            |
| 73.5                           | 1,269,041                                    | 852                                   | 0.0007         | 0.9993        | 87.47                            |
| 74.5                           | 1,317,878                                    | 345                                   | 0.0003         | 0.9997        | 87.41                            |
| 75.5                           | 1,347,505                                    | 2,159                                 | 0.0016         | 0.9984        | 87.38                            |
| 76.5                           | 1,268,588                                    | 1,400                                 | 0.0011         | 0.9989        | 87.24                            |
| 77.5                           | 1,240,951                                    | 414                                   | 0.0003         | 0.9997        | 87.14                            |
| 78.5                           | 1,106,568                                    | 2,816                                 | 0.0025         | 0.9975        | 87.11                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1956-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 79.5                           | 1,080,667                                    | 1,261                                 | 0.0012         | 0.9988        | 86.89                            |
| 80.5                           | 1,065,792                                    | 769                                   | 0.0007         | 0.9993        | 86.79                            |
| 81.5                           | 1,061,935                                    | 271                                   | 0.0003         | 0.9997        | 86.73                            |
| 82.5                           | 1,054,147                                    | 247                                   | 0.0002         | 0.9998        | 86.70                            |
| 83.5                           | 1,048,099                                    | 374                                   | 0.0004         | 0.9996        | 86.68                            |
| 84.5                           | 1,045,559                                    | 285                                   | 0.0003         | 0.9997        | 86.65                            |
| 85.5                           | 1,038,351                                    | 158                                   | 0.0002         | 0.9998        | 86.62                            |
| 86.5                           | 1,013,508                                    | 2,167                                 | 0.0021         | 0.9979        | 86.60                            |
| 87.5                           | 951,883                                      | 1,031                                 | 0.0011         | 0.9989        | 86.42                            |
| 88.5                           | 941,648                                      | 853                                   | 0.0009         | 0.9991        | 86.32                            |
| 89.5                           | 902,080                                      | 671                                   | 0.0007         | 0.9993        | 86.24                            |
| 90.5                           | 839,405                                      | 835                                   | 0.0010         | 0.9990        | 86.18                            |
| 91.5                           | 750,486                                      | 942                                   | 0.0013         | 0.9987        | 86.09                            |
| 92.5                           | 720,456                                      | 4,379                                 | 0.0061         | 0.9939        | 85.98                            |
| 93.5                           | 701,055                                      | 495                                   | 0.0007         | 0.9993        | 85.46                            |
| 94.5                           | 686,607                                      | 1,040                                 | 0.0015         | 0.9985        | 85.40                            |
| 95.5                           | 660,337                                      | 267                                   | 0.0004         | 0.9996        | 85.27                            |
| 96.5                           | 618,363                                      | 1,019                                 | 0.0016         | 0.9984        | 85.24                            |
| 97.5                           | 600,642                                      | 393                                   | 0.0007         | 0.9993        | 85.10                            |
| 98.5                           | 578,279                                      | 482                                   | 0.0008         | 0.9992        | 85.04                            |
| 99.5                           | 558,456                                      | 99                                    | 0.0002         | 0.9998        | 84.97                            |
| 100.5                          | 542,124                                      | 322                                   | 0.0006         | 0.9994        | 84.95                            |
| 101.5                          | 503,506                                      | 318                                   | 0.0006         | 0.9994        | 84.90                            |
| 102.5                          | 438,127                                      | 1,428                                 | 0.0033         | 0.9967        | 84.85                            |
| 103.5                          | 394,263                                      | 73                                    | 0.0002         | 0.9998        | 84.57                            |
| 104.5                          | 363,036                                      | 42                                    | 0.0001         | 0.9999        | 84.55                            |
| 105.5                          | 359,817                                      | 90                                    | 0.0003         | 0.9997        | 84.54                            |
| 106.5                          | 358,404                                      | 19                                    | 0.0001         | 0.9999        | 84.51                            |
| 107.5                          | 339,691                                      | 196                                   | 0.0006         | 0.9994        | 84.50                            |
| 108.5                          | 305,674                                      | 980                                   | 0.0032         | 0.9968        | 84.45                            |
| 109.5                          | 278,898                                      | 74                                    | 0.0003         | 0.9997        | 84.18                            |
| 110.5                          | 273,104                                      | 24                                    | 0.0001         | 0.9999        | 84.15                            |
| 111.5                          | 252,962                                      | 4,288                                 | 0.0170         | 0.9830        | 84.14                            |
| 112.5                          | 223,876                                      | 2,634                                 | 0.0118         | 0.9882        | 82.71                            |
| 113.5                          | 198,155                                      |                                       | 0.0000         | 1.0000        | 81.73                            |
| 114.5                          | 180,716                                      | 614                                   | 0.0034         | 0.9966        | 81.73                            |
| 115.5                          | 176,001                                      | 427                                   | 0.0024         | 0.9976        | 81.45                            |
| 116.5                          | 174,735                                      | 1,074                                 | 0.0061         | 0.9939        | 81.25                            |
| 117.5                          | 173,262                                      | 87                                    | 0.0005         | 0.9995        | 80.75                            |
| 118.5                          | 170,745                                      |                                       | 0.0000         | 1.0000        | 80.71                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1956-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 39.5                           | 6,604,722                                    | 18,139                                | 0.0027         | 0.9973        | 93.91                            |
| 40.5                           | 6,136,048                                    | 32,006                                | 0.0052         | 0.9948        | 93.66                            |
| 41.5                           | 5,773,185                                    | 9,348                                 | 0.0016         | 0.9984        | 93.17                            |
| 42.5                           | 5,575,864                                    | 12,425                                | 0.0022         | 0.9978        | 93.02                            |
| 43.5                           | 4,675,334                                    | 14,102                                | 0.0030         | 0.9970        | 92.82                            |
| 44.5                           | 4,466,182                                    | 22,078                                | 0.0049         | 0.9951        | 92.54                            |
| 45.5                           | 4,170,889                                    | 5,526                                 | 0.0013         | 0.9987        | 92.09                            |
| 46.5                           | 3,086,149                                    | 8,270                                 | 0.0027         | 0.9973        | 91.97                            |
| 47.5                           | 2,791,913                                    | 2,754                                 | 0.0010         | 0.9990        | 91.72                            |
| 48.5                           | 2,346,805                                    | 10,275                                | 0.0044         | 0.9956        | 91.63                            |
| 49.5                           | 2,260,319                                    | 7,933                                 | 0.0035         | 0.9965        | 91.23                            |
| 50.5                           | 2,195,326                                    | 7,796                                 | 0.0036         | 0.9964        | 90.91                            |
| 51.5                           | 2,119,383                                    | 1,968                                 | 0.0009         | 0.9991        | 90.58                            |
| 52.5                           | 2,044,363                                    | 10,569                                | 0.0052         | 0.9948        | 90.50                            |
| 53.5                           | 1,815,324                                    | 10,864                                | 0.0060         | 0.9940        | 90.03                            |
| 54.5                           | 1,732,211                                    | 3,479                                 | 0.0020         | 0.9980        | 89.49                            |
| 55.5                           | 1,570,835                                    | 2,206                                 | 0.0014         | 0.9986        | 89.31                            |
| 56.5                           | 1,490,328                                    | 6,248                                 | 0.0042         | 0.9958        | 89.18                            |
| 57.5                           | 1,514,933                                    | 3,570                                 | 0.0024         | 0.9976        | 88.81                            |
| 58.5                           | 1,504,939                                    | 596                                   | 0.0004         | 0.9996        | 88.60                            |
| 59.5                           | 1,473,528                                    | 372                                   | 0.0003         | 0.9997        | 88.56                            |
| 60.5                           | 1,481,023                                    | 2,335                                 | 0.0016         | 0.9984        | 88.53                            |
| 61.5                           | 1,493,973                                    | 1,882                                 | 0.0013         | 0.9987        | 88.39                            |
| 62.5                           | 1,494,372                                    | 2,336                                 | 0.0016         | 0.9984        | 88.28                            |
| 63.5                           | 1,475,736                                    | 445                                   | 0.0003         | 0.9997        | 88.14                            |
| 64.5                           | 1,443,210                                    | 791                                   | 0.0005         | 0.9995        | 88.11                            |
| 65.5                           | 1,458,999                                    | 2,124                                 | 0.0015         | 0.9985        | 88.07                            |
| 66.5                           | 1,413,247                                    | 54                                    | 0.0000         | 1.0000        | 87.94                            |
| 67.5                           | 1,406,129                                    | 2,007                                 | 0.0014         | 0.9986        | 87.94                            |
| 68.5                           | 1,380,615                                    | 2,358                                 | 0.0017         | 0.9983        | 87.82                            |
| 69.5                           | 1,378,909                                    | 1,042                                 | 0.0008         | 0.9992        | 87.67                            |
| 70.5                           | 1,375,690                                    | 325                                   | 0.0002         | 0.9998        | 87.60                            |
| 71.5                           | 1,325,476                                    | 506                                   | 0.0004         | 0.9996        | 87.58                            |
| 72.5                           | 1,288,821                                    | 1,014                                 | 0.0008         | 0.9992        | 87.54                            |
| 73.5                           | 1,269,041                                    | 852                                   | 0.0007         | 0.9993        | 87.47                            |
| 74.5                           | 1,317,878                                    | 345                                   | 0.0003         | 0.9997        | 87.41                            |
| 75.5                           | 1,347,505                                    | 2,159                                 | 0.0016         | 0.9984        | 87.38                            |
| 76.5                           | 1,268,588                                    | 1,400                                 | 0.0011         | 0.9989        | 87.24                            |
| 77.5                           | 1,240,951                                    | 414                                   | 0.0003         | 0.9997        | 87.14                            |
| 78.5                           | 1,106,568                                    | 2,816                                 | 0.0025         | 0.9975        | 87.11                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

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PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1956-2002

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|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 79.5                           | 1,080,667                                    | 1,261                                 | 0.0012         | 0.9988        | 86.89                            |
| 80.5                           | 1,065,792                                    | 769                                   | 0.0007         | 0.9993        | 86.79                            |
| 81.5                           | 1,061,935                                    | 271                                   | 0.0003         | 0.9997        | 86.73                            |
| 82.5                           | 1,054,147                                    | 247                                   | 0.0002         | 0.9998        | 86.70                            |
| 83.5                           | 1,048,099                                    | 374                                   | 0.0004         | 0.9996        | 86.68                            |
| 84.5                           | 1,045,559                                    | 285                                   | 0.0003         | 0.9997        | 86.65                            |
| 85.5                           | 1,038,351                                    | 158                                   | 0.0002         | 0.9998        | 86.62                            |
| 86.5                           | 1,013,508                                    | 2,167                                 | 0.0021         | 0.9979        | 86.60                            |
| 87.5                           | 951,883                                      | 1,031                                 | 0.0011         | 0.9989        | 86.42                            |
| 88.5                           | 941,648                                      | 853                                   | 0.0009         | 0.9991        | 86.32                            |
| 89.5                           | 902,080                                      | 671                                   | 0.0007         | 0.9993        | 86.24                            |
| 90.5                           | 839,405                                      | 835                                   | 0.0010         | 0.9990        | 86.18                            |
| 91.5                           | 750,486                                      | 942                                   | 0.0013         | 0.9987        | 86.09                            |
| 92.5                           | 720,456                                      | 4,379                                 | 0.0061         | 0.9939        | 85.98                            |
| 93.5                           | 701,055                                      | 495                                   | 0.0007         | 0.9993        | 85.46                            |
| 94.5                           | 686,607                                      | 1,040                                 | 0.0015         | 0.9985        | 85.40                            |
| 95.5                           | 660,337                                      | 267                                   | 0.0004         | 0.9996        | 85.27                            |
| 96.5                           | 618,363                                      | 1,019                                 | 0.0016         | 0.9984        | 85.24                            |
| 97.5                           | 600,642                                      | 393                                   | 0.0007         | 0.9993        | 85.10                            |
| 98.5                           | 578,279                                      | 482                                   | 0.0008         | 0.9992        | 85.04                            |
| 99.5                           | 558,456                                      | 99                                    | 0.0002         | 0.9998        | 84.97                            |
| 100.5                          | 542,124                                      | 322                                   | 0.0006         | 0.9994        | 84.95                            |
| 101.5                          | 503,506                                      | 318                                   | 0.0006         | 0.9994        | 84.90                            |
| 102.5                          | 438,127                                      | 1,428                                 | 0.0033         | 0.9967        | 84.85                            |
| 103.5                          | 394,263                                      | 73                                    | 0.0002         | 0.9998        | 84.57                            |
| 104.5                          | 363,036                                      | 42                                    | 0.0001         | 0.9999        | 84.55                            |
| 105.5                          | 359,817                                      | 90                                    | 0.0003         | 0.9997        | 84.54                            |
| 106.5                          | 358,404                                      | 19                                    | 0.0001         | 0.9999        | 84.51                            |
| 107.5                          | 339,691                                      | 196                                   | 0.0006         | 0.9994        | 84.50                            |
| 108.5                          | 305,674                                      | 980                                   | 0.0032         | 0.9968        | 84.45                            |
| 109.5                          | 278,898                                      | 74                                    | 0.0003         | 0.9997        | 84.18                            |
| 110.5                          | 273,104                                      | 24                                    | 0.0001         | 0.9999        | 84.15                            |
| 111.5                          | 252,962                                      | 4,288                                 | 0.0170         | 0.9830        | 84.14                            |
| 112.5                          | 223,876                                      | 2,634                                 | 0.0118         | 0.9882        | 82.71                            |
| 113.5                          | 198,155                                      |                                       | 0.0000         | 1.0000        | 81.73                            |
| 114.5                          | 180,716                                      | 614                                   | 0.0034         | 0.9966        | 81.73                            |
| 115.5                          | 176,001                                      | 427                                   | 0.0024         | 0.9976        | 81.45                            |
| 116.5                          | 174,735                                      | 1,074                                 | 0.0061         | 0.9939        | 81.25                            |
| 117.5                          | 173,262                                      | 87                                    | 0.0005         | 0.9995        | 80.75                            |
| 118.5                          | 170,745                                      |                                       | 0.0000         | 1.0000        | 80.71                            |

MISSOURI-AMERICAN WATER COMPANY  
ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

| PLACEMENT BAND 1880-2002       |                                              |                                       | EXPERIENCE BAND 1956-2002 |               |                                  |  |
|--------------------------------|----------------------------------------------|---------------------------------------|---------------------------|---------------|----------------------------------|--|
| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO            | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |  |
| 119.5                          | 170,745                                      | 35                                    | 0.0002                    | 0.9998        | 80.71                            |  |
| 120.5                          | 167,071                                      |                                       | 0.0000                    | 1.0000        | 80.69                            |  |
| 121.5                          | 94,620                                       | 21                                    | 0.0002                    | 0.9998        | 80.69                            |  |
| 122.5                          |                                              |                                       |                           |               | 80.67                            |  |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1978-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 0.0                            | 78,435,948                                   | 2,565                                 | 0.0000         | 1.0000        | 100.00                           |
| 0.5                            | 70,786,277                                   | 35,420                                | 0.0005         | 0.9995        | 100.00                           |
| 1.5                            | 69,113,025                                   | 17,127                                | 0.0002         | 0.9998        | 99.95                            |
| 2.5                            | 57,448,636                                   | 40,851                                | 0.0007         | 0.9993        | 99.93                            |
| 3.5                            | 56,369,719                                   | 10,914                                | 0.0002         | 0.9998        | 99.86                            |
| 4.5                            | 54,597,225                                   | 50,915                                | 0.0009         | 0.9991        | 99.84                            |
| 5.5                            | 43,468,817                                   | 24,829                                | 0.0006         | 0.9994        | 99.75                            |
| 6.5                            | 40,545,149                                   | 12,154                                | 0.0003         | 0.9997        | 99.69                            |
| 7.5                            | 39,028,528                                   | 35,553                                | 0.0009         | 0.9991        | 99.66                            |
| 8.5                            | 36,964,368                                   | 66,449                                | 0.0018         | 0.9982        | 99.57                            |
| 9.5                            | 35,106,038                                   | 91,447                                | 0.0026         | 0.9974        | 99.39                            |
| 10.5                           | 33,008,100                                   | 44,644                                | 0.0014         | 0.9986        | 99.13                            |
| 11.5                           | 31,286,670                                   | 68,510                                | 0.0022         | 0.9978        | 98.99                            |
| 12.5                           | 29,834,019                                   | 57,453                                | 0.0019         | 0.9981        | 98.77                            |
| 13.5                           | 28,261,593                                   | 28,818                                | 0.0010         | 0.9990        | 98.58                            |
| 14.5                           | 25,910,841                                   | 27,293                                | 0.0011         | 0.9989        | 98.48                            |
| 15.5                           | 24,715,447                                   | 20,006                                | 0.0008         | 0.9992        | 98.37                            |
| 16.5                           | 20,761,649                                   | 57,106                                | 0.0028         | 0.9972        | 98.29                            |
| 17.5                           | 19,997,524                                   | 23,399                                | 0.0012         | 0.9988        | 98.01                            |
| 18.5                           | 19,956,270                                   | 23,816                                | 0.0012         | 0.9988        | 97.89                            |
| 19.5                           | 19,349,935                                   | 43,913                                | 0.0023         | 0.9977        | 97.77                            |
| 20.5                           | 19,007,787                                   | 29,154                                | 0.0015         | 0.9985        | 97.55                            |
| 21.5                           | 19,751,313                                   | 99,119                                | 0.0050         | 0.9950        | 97.40                            |
| 22.5                           | 19,163,576                                   | 5,893                                 | 0.0003         | 0.9997        | 96.91                            |
| 23.5                           | 18,540,966                                   | 15,268                                | 0.0008         | 0.9992        | 96.88                            |
| 24.5                           | 17,183,899                                   | 44,346                                | 0.0026         | 0.9974        | 96.80                            |
| 25.5                           | 16,169,108                                   | 35,726                                | 0.0022         | 0.9978        | 96.55                            |
| 26.5                           | 15,417,559                                   | 28,408                                | 0.0018         | 0.9982        | 96.34                            |
| 27.5                           | 14,786,804                                   | 32,470                                | 0.0022         | 0.9978        | 96.17                            |
| 28.5                           | 13,012,401                                   | 67,066                                | 0.0052         | 0.9948        | 95.96                            |
| 29.5                           | 12,365,990                                   | 13,962                                | 0.0011         | 0.9989        | 95.46                            |
| 30.5                           | 11,758,546                                   | 25,893                                | 0.0022         | 0.9978        | 95.35                            |
| 31.5                           | 11,179,508                                   | 9,559                                 | 0.0009         | 0.9991        | 95.14                            |
| 32.5                           | 10,611,194                                   | 7,461                                 | 0.0007         | 0.9993        | 95.05                            |
| 33.5                           | 9,526,945                                    | 15,605                                | 0.0016         | 0.9984        | 94.98                            |
| 34.5                           | 8,989,019                                    | 38,341                                | 0.0043         | 0.9957        | 94.83                            |
| 35.5                           | 8,507,918                                    | 21,825                                | 0.0026         | 0.9974        | 94.42                            |
| 36.5                           | 7,976,675                                    | 19,854                                | 0.0025         | 0.9975        | 94.17                            |
| 37.5                           | 7,253,011                                    | 31,013                                | 0.0043         | 0.9957        | 93.93                            |
| 38.5                           | 6,627,998                                    | 10,525                                | 0.0016         | 0.9984        | 93.53                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1978-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 39.5                           | 5,911,199                                    | 18,099                                | 0.0031         | 0.9969        | 93.38                            |
| 40.5                           | 5,392,491                                    | 32,006                                | 0.0059         | 0.9941        | 93.09                            |
| 41.5                           | 5,090,109                                    | 9,348                                 | 0.0018         | 0.9982        | 92.54                            |
| 42.5                           | 4,879,367                                    | 12,425                                | 0.0025         | 0.9975        | 92.37                            |
| 43.5                           | 3,947,097                                    | 14,102                                | 0.0036         | 0.9964        | 92.14                            |
| 44.5                           | 3,649,332                                    | 21,863                                | 0.0060         | 0.9940        | 91.81                            |
| 45.5                           | 3,326,673                                    | 5,378                                 | 0.0016         | 0.9984        | 91.26                            |
| 46.5                           | 2,282,223                                    | 8,270                                 | 0.0036         | 0.9964        | 91.11                            |
| 47.5                           | 2,012,322                                    | 2,705                                 | 0.0013         | 0.9987        | 90.78                            |
| 48.5                           | 1,563,297                                    | 10,275                                | 0.0066         | 0.9934        | 90.66                            |
| 49.5                           | 1,462,386                                    | 7,617                                 | 0.0052         | 0.9948        | 90.06                            |
| 50.5                           | 1,447,054                                    | 7,796                                 | 0.0054         | 0.9946        | 89.59                            |
| 51.5                           | 1,426,581                                    | 1,312                                 | 0.0009         | 0.9991        | 89.11                            |
| 52.5                           | 1,359,837                                    | 10,569                                | 0.0078         | 0.9922        | 89.03                            |
| 53.5                           | 1,248,899                                    | 9,551                                 | 0.0076         | 0.9924        | 88.34                            |
| 54.5                           | 1,155,801                                    | 3,300                                 | 0.0029         | 0.9971        | 87.67                            |
| 55.5                           | 942,562                                      | 1,657                                 | 0.0018         | 0.9982        | 87.42                            |
| 56.5                           | 820,126                                      | 4,842                                 | 0.0059         | 0.9941        | 87.26                            |
| 57.5                           | 815,647                                      | 3,570                                 | 0.0044         | 0.9956        | 86.75                            |
| 58.5                           | 808,260                                      | 505                                   | 0.0006         | 0.9994        | 86.37                            |
| 59.5                           | 777,927                                      | 372                                   | 0.0005         | 0.9995        | 86.32                            |
| 60.5                           | 773,404                                      | 2,335                                 | 0.0030         | 0.9970        | 86.28                            |
| 61.5                           | 776,255                                      | 1,882                                 | 0.0024         | 0.9976        | 86.02                            |
| 62.5                           | 810,422                                      | 2,336                                 | 0.0029         | 0.9971        | 85.81                            |
| 63.5                           | 795,319                                      | 445                                   | 0.0006         | 0.9994        | 85.56                            |
| 64.5                           | 781,453                                      | 758                                   | 0.0010         | 0.9990        | 85.51                            |
| 65.5                           | 836,303                                      | 2,088                                 | 0.0025         | 0.9975        | 85.42                            |
| 66.5                           | 856,532                                      | 54                                    | 0.0001         | 0.9999        | 85.21                            |
| 67.5                           | 862,156                                      | 2,007                                 | 0.0023         | 0.9977        | 85.20                            |
| 68.5                           | 849,814                                      | 361                                   | 0.0004         | 0.9996        | 85.00                            |
| 69.5                           | 863,433                                      | 1,042                                 | 0.0012         | 0.9988        | 84.97                            |
| 70.5                           | 886,582                                      | 325                                   | 0.0004         | 0.9996        | 84.87                            |
| 71.5                           | 872,939                                      | 506                                   | 0.0006         | 0.9994        | 84.84                            |
| 72.5                           | 853,032                                      | 1,014                                 | 0.0012         | 0.9988        | 84.79                            |
| 73.5                           | 852,347                                      | 852                                   | 0.0010         | 0.9990        | 84.69                            |
| 74.5                           | 843,702                                      | 345                                   | 0.0004         | 0.9996        | 84.61                            |
| 75.5                           | 794,303                                      | 2,159                                 | 0.0027         | 0.9973        | 84.58                            |
| 76.5                           | 754,408                                      | 1,400                                 | 0.0019         | 0.9981        | 84.35                            |
| 77.5                           | 792,443                                      | 414                                   | 0.0005         | 0.9995        | 84.19                            |
| 78.5                           | 703,626                                      | 2,816                                 | 0.0040         | 0.9960        | 84.15                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1978-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 79.5                           | 714,212                                      | 1,261                                 | 0.0018         | 0.9982        | 83.81                            |
| 80.5                           | 702,627                                      | 769                                   | 0.0011         | 0.9989        | 83.66                            |
| 81.5                           | 700,139                                      | 271                                   | 0.0004         | 0.9996        | 83.57                            |
| 82.5                           | 711,704                                      | 247                                   | 0.0003         | 0.9997        | 83.54                            |
| 83.5                           | 740,995                                      | 374                                   | 0.0005         | 0.9995        | 83.51                            |
| 84.5                           | 764,903                                      | 285                                   | 0.0004         | 0.9996        | 83.47                            |
| 85.5                           | 763,816                                      | 158                                   | 0.0002         | 0.9998        | 83.44                            |
| 86.5                           | 759,252                                      | 2,167                                 | 0.0029         | 0.9971        | 83.42                            |
| 87.5                           | 722,425                                      | 1,031                                 | 0.0014         | 0.9986        | 83.18                            |
| 88.5                           | 735,469                                      | 853                                   | 0.0012         | 0.9988        | 83.06                            |
| 89.5                           | 713,341                                      | 671                                   | 0.0009         | 0.9991        | 82.96                            |
| 90.5                           | 654,767                                      | 835                                   | 0.0013         | 0.9987        | 82.89                            |
| 91.5                           | 566,686                                      | 942                                   | 0.0017         | 0.9983        | 82.78                            |
| 92.5                           | 537,055                                      | 4,379                                 | 0.0082         | 0.9918        | 82.64                            |
| 93.5                           | 524,373                                      | 495                                   | 0.0009         | 0.9991        | 81.96                            |
| 94.5                           | 509,925                                      | 1,040                                 | 0.0020         | 0.9980        | 81.89                            |
| 95.5                           | 487,294                                      | 267                                   | 0.0005         | 0.9995        | 81.73                            |
| 96.5                           | 523,039                                      | 1,019                                 | 0.0019         | 0.9981        | 81.69                            |
| 97.5                           | 600,642                                      | 393                                   | 0.0007         | 0.9993        | 81.53                            |
| 98.5                           | 578,279                                      | 482                                   | 0.0008         | 0.9992        | 81.47                            |
| 99.5                           | 558,456                                      | 99                                    | 0.0002         | 0.9998        | 81.40                            |
| 100.5                          | 542,124                                      | 322                                   | 0.0006         | 0.9994        | 81.38                            |
| 101.5                          | 503,506                                      | 318                                   | 0.0006         | 0.9994        | 81.33                            |
| 102.5                          | 438,127                                      | 1,428                                 | 0.0033         | 0.9967        | 81.28                            |
| 103.5                          | 394,263                                      | 73                                    | 0.0002         | 0.9998        | 81.01                            |
| 104.5                          | 363,036                                      | 42                                    | 0.0001         | 0.9999        | 80.99                            |
| 105.5                          | 359,817                                      | 90                                    | 0.0003         | 0.9997        | 80.98                            |
| 106.5                          | 358,404                                      | 19                                    | 0.0001         | 0.9999        | 80.96                            |
| 107.5                          | 339,691                                      | 196                                   | 0.0006         | 0.9994        | 80.95                            |
| 108.5                          | 305,674                                      | 980                                   | 0.0032         | 0.9968        | 80.90                            |
| 109.5                          | 278,898                                      | 74                                    | 0.0003         | 0.9997        | 80.64                            |
| 110.5                          | 273,104                                      | 24                                    | 0.0001         | 0.9999        | 80.62                            |
| 111.5                          | 252,962                                      | 4,288                                 | 0.0170         | 0.9830        | 80.61                            |
| 112.5                          | 223,876                                      | 2,634                                 | 0.0118         | 0.9882        | 79.24                            |
| 113.5                          | 198,155                                      |                                       | 0.0000         | 1.0000        | 78.30                            |
| 114.5                          | 180,716                                      | 614                                   | 0.0034         | 0.9966        | 78.30                            |
| 115.5                          | 176,001                                      | 427                                   | 0.0024         | 0.9976        | 78.03                            |
| 116.5                          | 174,735                                      | 1,074                                 | 0.0061         | 0.9939        | 77.84                            |
| 117.5                          | 173,262                                      | 87                                    | 0.0005         | 0.9995        | 77.37                            |
| 118.5                          | 170,745                                      |                                       | 0.0000         | 1.0000        | 77.33                            |

MISSOURI-AMERICAN WATER COMPANY

ACCOUNT 331 MAINS - TRANSMISSION AND DISTRIBUTION

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1880-2002

EXPERIENCE BAND 1978-2002

| AGE AT<br>BEGIN OF<br>INTERVAL | EXPOSURES AT<br>BEGINNING OF<br>AGE INTERVAL | RETIREMENTS<br>DURING AGE<br>INTERVAL | RETMT<br>RATIO | SURV<br>RATIO | PCT SURV<br>BEGIN OF<br>INTERVAL |
|--------------------------------|----------------------------------------------|---------------------------------------|----------------|---------------|----------------------------------|
| 119.5                          | 170,745                                      | 35                                    | 0.0002         | 0.9998        | 77.33                            |
| 120.5                          | 167,071                                      |                                       | 0.0000         | 1.0000        | 77.31                            |
| 121.5                          | 94,620                                       | 21                                    | 0.0002         | 0.9998        | 77.31                            |
| 122.5                          |                                              |                                       |                |               | 77.29                            |

MISSOURI-AMERICAN WATER COMPANY

COMPARISON OF FUTURE ESTIMATED NET SALVAGE COSTS AND NET SALVAGE ACCRUAL  
DURING THE PERIOD 2003 THROUGH 2169 FOR ACCOUNT 331.00, MAINS - TRANSMISSION AND DISTRIBUTION

| HARDCOPY                                  |             | FORMULA           | ESTIMATED            | CUMULATIVE          | NET                | CUMULATIVE             |
|-------------------------------------------|-------------|-------------------|----------------------|---------------------|--------------------|------------------------|
| YEAR                                      | RETIREMENTS | ENDING<br>BALANCE | NET<br>SALVAGE COSTS | EST. NET<br>SALVAGE | SALVAGE<br>ACCRUAL | NET SALVAGE<br>ACCRUAL |
| PREVIOUS THEORETICAL NET SALVAGE ACTIVITY |             |                   |                      |                     |                    | (3,667,885)            |
| 2003                                      | 179,878.36  | 97,165,795.84     | (44,970)             | (44,970)            | (269,905)          | (3,937,790)            |
| 2004                                      | 184,798.53  | 96,980,997.31     | (46,200)             | (91,170)            | (269,392)          | (4,207,182)            |
| 2005                                      | 189,897.67  | 96,791,099.64     | (47,474)             | (138,644)           | (268,864)          | (4,476,046)            |
| 2006                                      | 195,162.30  | 96,595,937.34     | (48,791)             | (187,435)           | (268,322)          | (4,744,368)            |
| 2007                                      | 200,585.53  | 96,395,351.81     | (50,146)             | (237,581)           | (267,765)          | (5,012,133)            |
| 2008                                      | 206,165.39  | 96,189,186.42     | (51,541)             | (289,122)           | (267,192)          | (5,279,325)            |
| 2009                                      | 211,955.30  | 95,977,231.12     | (52,989)             | (342,111)           | (266,603)          | (5,545,928)            |
| 2010                                      | 217,921.99  | 95,759,309.13     | (54,480)             | (396,591)           | (265,998)          | (5,811,926)            |
| 2011                                      | 224,094.46  | 95,535,214.67     | (56,024)             | (452,615)           | (265,376)          | (6,077,302)            |
| 2012                                      | 230,435.99  | 95,304,778.68     | (57,609)             | (510,224)           | (264,735)          | (6,342,037)            |
| 2013                                      | 237,010.11  | 95,067,768.57     | (59,253)             | (569,477)           | (264,077)          | (6,606,114)            |
| 2014                                      | 243,841.84  | 94,823,926.73     | (60,960)             | (630,437)           | (263,400)          | (6,869,514)            |
| 2015                                      | 250,892.83  | 94,573,033.90     | (62,723)             | (693,160)           | (262,703)          | (7,132,217)            |
| 2016                                      | 258,165.84  | 94,314,868.06     | (64,541)             | (757,701)           | (261,986)          | (7,394,203)            |
| 2017                                      | 265,648.16  | 94,049,219.90     | (66,412)             | (824,113)           | (261,248)          | (7,655,451)            |
| 2018                                      | 273,410.70  | 93,775,809.20     | (68,353)             | (892,466)           | (260,488)          | (7,915,939)            |
| 2019                                      | 281,406.31  | 93,494,402.89     | (70,352)             | (962,818)           | (259,707)          | (8,175,646)            |
| 2020                                      | 289,695.36  | 93,204,707.53     | (72,424)             | (1,035,242)         | (258,902)          | (8,434,548)            |
| 2021                                      | 298,193.35  | 92,906,514.18     | (74,548)             | (1,109,790)         | (258,074)          | (8,692,622)            |
| 2022                                      | 306,989.83  | 92,599,524.35     | (76,747)             | (1,186,537)         | (257,221)          | (8,949,843)            |
| 2023                                      | 316,120.25  | 92,283,404.10     | (79,030)             | (1,265,567)         | (256,343)          | (9,206,186)            |
| 2024                                      | 325,522.62  | 91,957,881.48     | (81,381)             | (1,346,948)         | (255,439)          | (9,461,625)            |
| 2025                                      | 335,209.10  | 91,622,672.38     | (83,802)             | (1,430,750)         | (254,507)          | (9,716,132)            |
| 2026                                      | 345,155.74  | 91,277,516.64     | (86,289)             | (1,517,039)         | (253,549)          | (9,969,681)            |
| 2027                                      | 355,446.41  | 90,922,070.23     | (88,862)             | (1,605,901)         | (252,561)          | (10,222,242)           |
| 2028                                      | 366,020.77  | 90,556,049.46     | (91,505)             | (1,697,406)         | (251,545)          | (10,473,787)           |
| 2029                                      | 376,973.67  | 90,179,075.79     | (94,243)             | (1,791,649)         | (250,497)          | (10,724,284)           |
| 2030                                      | 388,158.53  | 89,790,917.26     | (97,040)             | (1,888,689)         | (249,413)          | (10,973,703)           |
| 2031                                      | 399,683.08  | 89,391,234.18     | (99,921)             | (1,988,610)         | (248,309)          | (11,222,012)           |
| 2032                                      | 411,603.92  | 88,979,630.26     | (102,901)            | (2,091,511)         | (247,166)          | (11,469,178)           |
| 2033                                      | 423,812.88  | 88,555,817.38     | (105,953)            | (2,197,464)         | (245,988)          | (11,715,166)           |
| 2034                                      | 436,344.75  | 88,119,472.63     | (109,086)            | (2,306,550)         | (244,776)          | (11,959,942)           |
| 2035                                      | 449,130.84  | 87,670,341.79     | (112,283)            | (2,418,833)         | (243,529)          | (12,203,471)           |
| 2036                                      | 462,294.54  | 87,208,047.25     | (115,574)            | (2,534,407)         | (242,245)          | (12,445,716)           |
| 2037                                      | 475,746.12  | 86,732,301.13     | (118,937)            | (2,653,344)         | (240,923)          | (12,686,639)           |
| 2038                                      | 489,613.20  | 86,242,687.93     | (122,403)            | (2,775,747)         | (239,563)          | (12,926,202)           |
| 2039                                      | 503,686.38  | 85,739,001.55     | (125,922)            | (2,901,669)         | (238,164)          | (13,164,366)           |
| 2040                                      | 518,093.65  | 85,220,907.90     | (129,523)            | (3,031,192)         | (236,725)          | (13,401,091)           |
| 2041                                      | 532,914.89  | 84,687,993.01     | (133,229)            | (3,164,421)         | (235,244)          | (13,636,335)           |
| 2042                                      | 547,994.47  | 84,139,998.54     | (136,999)            | (3,301,420)         | (233,722)          | (13,870,057)           |
| 2043                                      | 563,390.91  | 83,576,607.63     | (140,848)            | (3,442,268)         | (232,157)          | (14,102,214)           |
| 2044                                      | 579,005.87  | 82,997,601.76     | (144,751)            | (3,587,019)         | (230,549)          | (14,332,763)           |
| 2045                                      | 594,978.97  | 82,402,622.79     | (148,745)            | (3,735,764)         | (228,896)          | (14,561,659)           |
| 2046                                      | 611,207.81  | 81,791,414.98     | (152,802)            | (3,888,566)         | (227,198)          | (14,788,857)           |
| 2047                                      | 627,841.28  | 81,163,573.70     | (156,960)            | (4,045,526)         | (225,454)          | (15,014,311)           |
| 2048                                      | 644,593.96  | 80,518,979.74     | (161,148)            | (4,206,674)         | (223,664)          | (15,237,975)           |
| 2049                                      | 661,600.15  | 79,857,379.59     | (165,400)            | (4,372,074)         | (221,826)          | (15,459,801)           |
| 2050                                      | 678,968.16  | 79,178,411.43     | (169,742)            | (4,541,816)         | (219,940)          | (15,679,741)           |
| 2051                                      | 696,462.94  | 78,481,948.49     | (174,116)            | (4,715,932)         | (218,005)          | (15,897,746)           |
| 2052                                      | 714,202.70  | 77,767,745.79     | (178,551)            | (4,894,483)         | (216,022)          | (16,113,768)           |
| 2053                                      | 732,022.57  | 77,035,723.22     | (183,006)            | (5,077,489)         | (213,988)          | (16,327,756)           |
| 2054                                      | 750,082.35  | 76,285,640.87     | (187,521)            | (5,265,010)         | (211,905)          | (16,539,661)           |
| 2055                                      | 768,274.79  | 75,517,366.08     | (192,069)            | (5,457,079)         | (209,770)          | (16,749,431)           |
| 2056                                      | 786,762.84  | 74,730,603.24     | (196,691)            | (5,653,770)         | (207,585)          | (16,957,016)           |
| 2057                                      | 805,177.51  | 73,925,425.73     | (201,294)            | (5,855,064)         | (205,348)          | (17,162,364)           |
| 2058                                      | 823,685.63  | 73,101,740.10     | (205,921)            | (6,060,985)         | (203,060)          | (17,365,424)           |
| 2059                                      | 842,426.38  | 72,259,313.72     | (210,607)            | (6,271,592)         | (200,720)          | (17,566,144)           |
| 2060                                      | 861,071.09  | 71,398,242.63     | (215,268)            | (6,486,860)         | (198,328)          | (17,764,472)           |
| 2061                                      | 879,826.25  | 70,518,416.38     | (219,957)            | (6,706,817)         | (195,884)          | (17,960,356)           |
| 2062                                      | 898,441.56  | 69,619,974.82     | (224,610)            | (6,931,427)         | (193,389)          | (18,153,745)           |
| 2063                                      | 917,084.32  | 68,702,890.50     | (229,271)            | (7,160,698)         | (190,841)          | (18,344,586)           |
| 2064                                      | 935,652.74  | 67,767,237.76     | (233,913)            | (7,394,611)         | (188,242)          | (18,532,828)           |
| 2065                                      | 954,326.48  | 66,812,911.28     | (238,582)            | (7,633,193)         | (185,591)          | (18,718,419)           |
| 2066                                      | 972,642.84  | 65,840,268.44     | (243,161)            | (7,876,354)         | (182,890)          | (18,901,309)           |

MISSOURI-AMERICAN WATER COMPANY

COMPARISON OF FUTURE ESTIMATED NET SALVAGE COSTS AND NET SALVAGE ACCRUAL  
DURING THE PERIOD 2003 THROUGH 2169 FOR ACCOUNT 331.00, MAINS - TRANSMISSION AND DISTRIBUTION

| HARDCOPY                                  |              | FORMULA           |                      | ESTIMATED      | CUMULATIVE          | NET                | CUMULATIVE             |
|-------------------------------------------|--------------|-------------------|----------------------|----------------|---------------------|--------------------|------------------------|
| YEAR                                      | RETIREMENTS  | ENDING<br>BALANCE | NET<br>SALVAGE COSTS | NET<br>SALVAGE | EST. NET<br>SALVAGE | SALVAGE<br>ACCRUAL | NET SALVAGE<br>ACCRUAL |
| PREVIOUS THEORETICAL NET SALVAGE ACTIVITY |              |                   |                      |                |                     |                    | (3,667,885)            |
| 2067                                      | 990,786.95   | 64,849,481.49     | (247,697)            | (8,124,051)    | (180,137)           | (19,081,446)       |                        |
| 2068                                      | 1,008,940.66 | 63,840,540.83     | (252,235)            | (8,376,286)    | (177,335)           | (19,258,781)       |                        |
| 2069                                      | 1,026,642.13 | 62,813,898.70     | (256,661)            | (8,632,947)    | (174,483)           | (19,433,264)       |                        |
| 2070                                      | 1,044,215.61 | 61,769,683.09     | (261,054)            | (8,894,001)    | (171,582)           | (19,604,846)       |                        |
| 2071                                      | 1,061,301.15 | 60,708,381.94     | (265,325)            | (9,159,326)    | (168,634)           | (19,773,480)       |                        |
| 2072                                      | 1,078,054.21 | 59,630,327.73     | (269,514)            | (9,428,840)    | (165,640)           | (19,939,120)       |                        |
| 2073                                      | 1,094,384.38 | 58,535,943.35     | (273,596)            | (9,702,436)    | (162,600)           | (20,101,720)       |                        |
| 2074                                      | 1,110,478.24 | 57,425,465.11     | (277,620)            | (9,980,056)    | (159,515)           | (20,261,235)       |                        |
| 2075                                      | 1,125,792.34 | 56,299,672.77     | (281,448)            | (10,261,504)   | (156,388)           | (20,417,623)       |                        |
| 2076                                      | 1,140,515.59 | 55,159,157.18     | (285,129)            | (10,546,633)   | (153,220)           | (20,570,843)       |                        |
| 2077                                      | 1,154,845.75 | 54,004,311.43     | (288,711)            | (10,835,344)   | (150,012)           | (20,720,855)       |                        |
| 2078                                      | 1,168,195.05 | 52,836,116.38     | (292,049)            | (11,127,393)   | (146,767)           | (20,867,622)       |                        |
| 2079                                      | 1,180,992.28 | 51,655,124.10     | (295,248)            | (11,422,641)   | (143,486)           | (21,011,108)       |                        |
| 2080                                      | 1,192,767.59 | 50,462,356.51     | (298,192)            | (11,720,833)   | (140,173)           | (21,151,281)       |                        |
| 2081                                      | 1,203,629.99 | 49,258,726.52     | (300,907)            | (12,021,740)   | (136,830)           | (21,288,111)       |                        |
| 2082                                      | 1,213,540.21 | 48,045,186.31     | (303,385)            | (12,325,125)   | (133,459)           | (21,421,570)       |                        |
| 2083                                      | 1,222,624.20 | 46,822,562.11     | (305,656)            | (12,630,781)   | (130,063)           | (21,551,633)       |                        |
| 2084                                      | 1,230,376.24 | 45,592,185.87     | (307,594)            | (12,938,375)   | (126,645)           | (21,678,278)       |                        |
| 2085                                      | 1,236,955.85 | 44,355,230.02     | (309,239)            | (13,247,614)   | (123,209)           | (21,801,487)       |                        |
| 2086                                      | 1,242,516.44 | 43,112,713.58     | (310,629)            | (13,558,243)   | (119,758)           | (21,921,245)       |                        |
| 2087                                      | 1,246,486.20 | 41,866,227.38     | (311,622)            | (13,869,865)   | (116,295)           | (22,037,540)       |                        |
| 2088                                      | 1,249,299.19 | 40,616,928.19     | (312,325)            | (14,182,190)   | (112,825)           | (22,150,365)       |                        |
| 2089                                      | 1,250,511.63 | 39,366,416.56     | (312,628)            | (14,494,818)   | (109,351)           | (22,259,716)       |                        |
| 2090                                      | 1,250,170.11 | 38,116,246.45     | (312,543)            | (14,807,361)   | (105,878)           | (22,365,594)       |                        |
| 2091                                      | 1,248,344.76 | 36,867,901.69     | (312,086)            | (15,119,447)   | (102,411)           | (22,468,005)       |                        |
| 2092                                      | 1,245,026.23 | 35,622,875.46     | (311,257)            | (15,430,704)   | (98,952)            | (22,566,957)       |                        |
| 2093                                      | 1,240,005.11 | 34,382,870.35     | (310,001)            | (15,740,705)   | (95,508)            | (22,662,465)       |                        |
| 2094                                      | 1,233,361.31 | 33,149,509.04     | (308,340)            | (16,049,045)   | (92,082)            | (22,754,547)       |                        |
| 2095                                      | 1,225,148.57 | 31,924,360.47     | (306,287)            | (16,355,332)   | (88,679)            | (22,843,226)       |                        |
| 2096                                      | 1,215,082.75 | 30,709,277.72     | (303,771)            | (16,659,103)   | (85,304)            | (22,928,530)       |                        |
| 2097                                      | 1,203,474.22 | 29,505,803.50     | (300,869)            | (16,959,972)   | (81,961)            | (23,010,491)       |                        |
| 2098                                      | 1,190,112.97 | 28,315,690.53     | (297,528)            | (17,257,500)   | (78,655)            | (23,089,146)       |                        |
| 2099                                      | 1,175,008.22 | 27,140,682.31     | (293,752)            | (17,551,252)   | (75,391)            | (23,164,537)       |                        |
| 2100                                      | 1,158,348.53 | 25,982,333.78     | (289,587)            | (17,840,839)   | (72,173)            | (23,236,710)       |                        |
| 2101                                      | 1,140,004.73 | 24,842,329.05     | (285,001)            | (18,125,840)   | (69,006)            | (23,305,716)       |                        |
| 2102                                      | 1,120,265.74 | 23,722,063.31     | (280,066)            | (18,405,906)   | (65,895)            | (23,371,611)       |                        |
| 2103                                      | 1,099,091.21 | 22,622,972.10     | (274,773)            | (18,680,679)   | (62,842)            | (23,434,453)       |                        |
| 2104                                      | 1,076,409.67 | 21,546,562.43     | (269,102)            | (18,949,781)   | (59,852)            | (23,494,305)       |                        |
| 2105                                      | 1,052,471.40 | 20,494,091.03     | (263,118)            | (19,212,899)   | (56,928)            | (23,551,233)       |                        |
| 2106                                      | 1,027,304.77 | 19,466,786.26     | (256,826)            | (19,469,725)   | (54,074)            | (23,605,307)       |                        |
| 2107                                      | 1,001,110.38 | 18,465,675.88     | (250,278)            | (19,720,003)   | (51,294)            | (23,656,601)       |                        |
| 2108                                      | 973,824.04   | 17,491,851.84     | (243,456)            | (19,963,459)   | (48,588)            | (23,705,189)       |                        |
| 2109                                      | 945,691.17   | 16,546,160.67     | (236,423)            | (20,199,882)   | (45,962)            | (23,751,151)       |                        |
| 2110                                      | 916,523.33   | 15,629,637.34     | (229,131)            | (20,429,013)   | (43,416)            | (23,794,567)       |                        |
| 2111                                      | 887,012.92   | 14,742,624.42     | (221,753)            | (20,650,766)   | (40,952)            | (23,835,519)       |                        |
| 2112                                      | 856,973.93   | 13,885,650.49     | (214,243)            | (20,865,009)   | (38,571)            | (23,874,090)       |                        |
| 2113                                      | 826,251.19   | 13,059,399.30     | (206,563)            | (21,071,572)   | (36,276)            | (23,910,366)       |                        |
| 2114                                      | 795,490.98   | 12,263,908.32     | (198,873)            | (21,270,445)   | (34,066)            | (23,944,432)       |                        |
| 2115                                      | 764,392.09   | 11,499,516.23     | (191,098)            | (21,461,543)   | (31,943)            | (23,976,375)       |                        |
| 2116                                      | 733,492.06   | 10,766,024.17     | (183,373)            | (21,644,916)   | (29,906)            | (24,006,281)       |                        |
| 2117                                      | 702,621.12   | 10,063,403.05     | (175,655)            | (21,820,571)   | (27,954)            | (24,034,235)       |                        |
| 2118                                      | 671,887.54   | 9,391,515.51      | (167,972)            | (21,988,543)   | (26,088)            | (24,060,323)       |                        |
| 2119                                      | 641,143.97   | 8,750,371.54      | (160,286)            | (22,148,829)   | (24,307)            | (24,084,630)       |                        |
| 2120                                      | 611,115.08   | 8,139,256.46      | (152,779)            | (22,301,608)   | (22,609)            | (24,107,239)       |                        |
| 2121                                      | 581,520.63   | 7,557,735.83      | (145,380)            | (22,446,988)   | (20,994)            | (24,128,233)       |                        |
| 2122                                      | 552,128.14   | 7,005,607.69      | (138,032)            | (22,585,020)   | (19,460)            | (24,147,693)       |                        |
| 2123                                      | 523,622.34   | 6,481,985.35      | (130,906)            | (22,715,926)   | (18,006)            | (24,165,699)       |                        |
| 2124                                      | 495,550.95   | 5,986,434.40      | (123,888)            | (22,839,814)   | (16,629)            | (24,182,328)       |                        |
| 2125                                      | 468,435.14   | 5,517,999.26      | (117,109)            | (22,956,923)   | (15,328)            | (24,197,656)       |                        |
| 2126                                      | 441,987.55   | 5,076,011.71      | (110,497)            | (23,067,420)   | (14,100)            | (24,211,756)       |                        |
| 2127                                      | 416,285.91   | 4,659,725.80      | (104,071)            | (23,171,491)   | (12,944)            | (24,224,700)       |                        |
| 2128                                      | 391,083.45   | 4,268,642.35      | (97,771)             | (23,269,262)   | (11,857)            | (24,236,557)       |                        |
| 2129                                      | 366,986.62   | 3,901,655.73      | (91,747)             | (23,361,009)   | (10,838)            | (24,247,395)       |                        |
| 2130                                      | 343,680.09   | 3,557,975.64      | (85,920)             | (23,446,929)   | (9,883)             | (24,257,278)       |                        |

MISSOURI-AMERICAN WATER COMPANY

COMPARISON OF FUTURE ESTIMATED NET SALVAGE COSTS AND NET SALVAGE ACCRUAL  
DURING THE PERIOD 2003 THROUGH 2169 FOR ACCOUNT 331.00, MAINS - TRANSMISSION AND DISTRIBUTION

| HARDCOPY                                  |             | FORMULA      |          | ESTIMATED     | CUMULATIVE | NET          | CUMULATIVE  |
|-------------------------------------------|-------------|--------------|----------|---------------|------------|--------------|-------------|
| YEAR                                      | RETIREMENTS | ENDING       | NET      | SALVAGE COSTS | EST. NET   | SALVAGE      | NET SALVAGE |
|                                           |             | BALANCE      |          |               | SALVAGE    | ACCRUAL      | ACCRUAL     |
| PREVIOUS THEORETICAL NET SALVAGE ACTIVITY |             |              |          |               |            |              | (3,667,885) |
| 2131                                      | 320,915.59  | 3,237,060.05 | (80,229) | (23,527,158)  | (8,992)    | (24,266,270) |             |
| 2132                                      | 299,266.38  | 2,937,793.67 | (74,817) | (23,601,975)  | (8,161)    | (24,274,431) |             |
| 2133                                      | 278,283.63  | 2,659,510.04 | (69,571) | (23,671,546)  | (7,388)    | (24,281,819) |             |
| 2134                                      | 258,398.66  | 2,401,111.38 | (64,600) | (23,736,146)  | (6,670)    | (24,288,489) |             |
| 2135                                      | 239,356.00  | 2,161,755.38 | (59,839) | (23,795,985)  | (6,005)    | (24,294,494) |             |
| 2136                                      | 221,176.57  | 1,940,578.81 | (55,294) | (23,851,279)  | (5,390)    | (24,299,884) |             |
| 2137                                      | 203,680.20  | 1,736,898.61 | (50,920) | (23,902,199)  | (4,825)    | (24,304,709) |             |
| 2138                                      | 187,286.25  | 1,549,612.36 | (46,822) | (23,949,021)  | (4,304)    | (24,309,013) |             |
| 2139                                      | 171,744.14  | 1,377,868.22 | (42,936) | (23,991,957)  | (3,827)    | (24,312,840) |             |
| 2140                                      | 156,854.97  | 1,221,013.25 | (39,214) | (24,031,171)  | (3,392)    | (24,316,232) |             |
| 2141                                      | 143,036.79  | 1,077,976.46 | (35,759) | (24,066,930)  | (2,994)    | (24,319,226) |             |
| 2142                                      | 129,922.11  | 948,054.35   | (32,481) | (24,099,411)  | (2,633)    | (24,321,859) |             |
| 2143                                      | 117,814.05  | 830,240.30   | (29,454) | (24,128,865)  | (2,306)    | (24,324,165) |             |
| 2144                                      | 106,501.33  | 723,738.97   | (26,625) | (24,155,490)  | (2,010)    | (24,326,175) |             |
| 2145                                      | 95,979.11   | 627,759.86   | (23,995) | (24,179,485)  | (1,744)    | (24,327,919) |             |
| 2146                                      | 86,119.52   | 541,640.34   | (21,530) | (24,201,015)  | (1,505)    | (24,329,424) |             |
| 2147                                      | 77,130.39   | 464,509.95   | (19,283) | (24,220,298)  | (1,290)    | (24,330,714) |             |
| 2148                                      | 68,835.74   | 395,674.21   | (17,209) | (24,237,507)  | (1,099)    | (24,331,813) |             |
| 2149                                      | 61,096.85   | 334,577.36   | (15,274) | (24,252,781)  | (929)      | (24,332,742) |             |
| 2150                                      | 54,101.53   | 280,475.83   | (13,525) | (24,266,306)  | (779)      | (24,333,521) |             |
| 2151                                      | 47,602.30   | 232,873.53   | (11,901) | (24,278,207)  | (647)      | (24,334,168) |             |
| 2152                                      | 41,729.12   | 191,144.41   | (10,432) | (24,288,639)  | (531)      | (24,334,699) |             |
| 2153                                      | 36,340.22   | 154,804.19   | (9,085)  | (24,297,724)  | (430)      | (24,335,129) |             |
| 2154                                      | 31,365.17   | 123,439.02   | (7,841)  | (24,305,565)  | (343)      | (24,335,472) |             |
| 2155                                      | 26,716.54   | 96,722.48    | (6,679)  | (24,312,244)  | (269)      | (24,335,741) |             |
| 2156                                      | 22,501.96   | 74,220.52    | (5,625)  | (24,317,869)  | (206)      | (24,335,947) |             |
| 2157                                      | 18,639.36   | 55,581.16    | (4,660)  | (24,322,529)  | (154)      | (24,336,101) |             |
| 2158                                      | 15,081.11   | 40,500.05    | (3,770)  | (24,326,299)  | (113)      | (24,336,214) |             |
| 2159                                      | 11,965.71   | 28,534.34    | (2,991)  | (24,329,290)  | (79)       | (24,336,293) |             |
| 2160                                      | 9,187.62    | 19,346.72    | (2,297)  | (24,331,587)  | (54)       | (24,336,347) |             |
| 2161                                      | 6,852.35    | 12,494.37    | (1,713)  | (24,333,300)  | (35)       | (24,336,382) |             |
| 2162                                      | 4,895.98    | 7,598.39     | (1,224)  | (24,334,524)  | (21)       | (24,336,403) |             |
| 2163                                      | 3,314.13    | 4,284.26     | (829)    | (24,335,353)  | (12)       | (24,336,415) |             |
| 2164                                      | 2,106.39    | 2,177.87     | (527)    | (24,335,880)  | (6)        | (24,336,421) |             |
| 2165                                      | 1,234.44    | 943.43       | (309)    | (24,336,189)  | (3)        | (24,336,424) |             |
| 2166                                      | 619.79      | 323.64       | (155)    | (24,336,344)  | (1)        | (24,336,425) |             |
| 2167                                      | 248.46      | 75.18        | (62)     | (24,336,406)  | 0          | (24,336,425) |             |
| 2168                                      | 71.69       | 3.49         | (18)     | (24,336,424)  | 0          | (24,336,425) |             |
| 2169                                      | 3.49        | 0.00         | (1)      | (24,336,425)  | 0          | (24,336,425) |             |

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