

MISSOURI AMERICAN WATER COMPANY (BRUNSWICK RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

| MAWC NORMAL = | 126.56 GMD |       |        |         |        |
|---------------|------------|-------|--------|---------|--------|
| YYYY          | GMD        | SHORT | NSHORT | DUMMIES | 86to89 |
| 1984          | 124.5      | 9.22  | 7.69   | 0.0     | (0.2)  |
| 1985          | 131.5      | 7.08  | 7.69   | 0.0     | 1.2    |
| 1986          | 116.2      | 9.21  | 7.69   | 0.0     | (1.7)  |
| 1987          | 119.1      | 10.17 | 7.69   | 0.0     | (1.2)  |
| 1988          | 121.4      | 12.50 | 7.69   | 0.0     | (0.7)  |
| 1989          | 114.6      | 7.79  | 7.69   | 0.0     | (2.0)  |
| 1990          | 123.9      | 6.10  | 7.69   | (1.0)   | 0.0    |
| 1991          | 125.4      | 10.00 | 7.69   | 0.0     | 0.0    |
| 1992          | 124.7      | 6.89  | 7.69   | 0.0     | 0.0    |
| 1993          | 125.8      | 2.92  | 7.69   | 0.0     | 0.0    |
| 1994          | 128.8      | 8.81  | 7.69   | 2.0     | 0.0    |
| 1995          | 127.3      | 5.05  | 7.69   | 1.0     | 0.0    |
| 1996          | 123.5      | 7.22  | 7.69   | (1.0)   | 0.0    |
| 1997          | 124.1      | 8.28  | 7.69   | (1.0)   | 0.0    |
| 1998          | 128.3      | 7.07  | 7.69   | 1.5     | 0.0    |
| 1999          | 125.5      | 8.23  | 7.69   | 0.0     | 0.0    |
| 2000          | 127.0      | 8.09  | 7.69   | 1.0     | 0.0    |
| 2001          | 123.5      | 6.82  | 7.69   | (1.0)   | 0.0    |
| 2002          | 126.4      | 9.47  | 7.69   | 0.5     | 0.0    |
| 2003          |            | 7.69  | 7.69   | 0.00    | 0.0    |
| 2004          |            | 7.69  | 7.69   | 0.00    | 0.0    |
|               |            |       |        | 2.0     | (4.6)  |

|         |      |         |       |          |
|---------|------|---------|-------|----------|
| 5.00    | 0.50 | 4.00%   | 0.08  | 0.995041 |
| OPENING | GAIN | DRAINED | NEEDS | R-BarSQ  |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9977935 |
| R Square              | 0.995592  |
| Adjusted R Sq         | 0.995041  |
| Standard Error        | 0.2926997 |
| Observations          | 19        |

| ANOVA      |    |             |          |          |                |
|------------|----|-------------|----------|----------|----------------|
|            | df | SS          | MS       | F        | Significance F |
| Regression | 2  | 309.6000893 | 154.8    | 1806.868 | 1.42548E-19    |
| Residual   | 16 | 1.370770251 | 0.085673 |          |                |
| Total      | 18 | 310.9708595 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 125.39479    | 0.071784929    | 1746.812 | 1.12E-43 | 125.2426164 | 125.5469709 | 125.2426164 | 125.5469709 |
| DUMMIES   | 1.7434671    | 0.083580919    | 20.85963 | 5E-13    | 1.566283516 | 1.920650702 | 1.566283516 | 1.920650702 |
| 86to89    | 5.3527571    | 0.096672533    | 55.36999 | 1.04E-19 | 5.147820563 | 5.5576937   | 5.147820563 | 5.5576937   |

MISSOURI AMERICAN WATER COMPANY (BRUNSWICK COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 187.13 GMD

| YYYY | GMD   | SHORT | NSHORT | DUMMIES | TREND  | TREND92 |
|------|-------|-------|--------|---------|--------|---------|
| 1984 | 244.4 | 9.22  | 7.69   | 1.0     | (18.0) | (8.0)   |
| 1985 | 213.7 | 7.08  | 7.69   | 0.0     | (17.0) | (7.0)   |
| 1986 | 207.4 | 9.21  | 7.69   | (0.2)   | (16.0) | (6.0)   |
| 1987 | 217.0 | 10.17 | 7.69   | 0.0     | (15.0) | (5.0)   |
| 1988 | 232.9 | 12.50 | 7.69   | 0.5     | (14.0) | (4.0)   |
| 1989 | 211.8 | 7.79  | 7.69   | 0.0     | (13.0) | (3.0)   |
| 1990 | 207.8 | 6.10  | 7.69   | (0.3)   | (12.0) | (2.0)   |
| 1991 | 217.9 | 10.00 | 7.69   | 0.0     | (11.0) | (1.0)   |
| 1992 | 232.3 | 6.89  | 7.69   | 0.3     | (10.0) | 0.0     |
| 1993 | 235.3 | 2.92  | 7.69   | 0.5     | (9.0)  | 0.0     |
| 1994 | 211.7 | 8.81  | 7.69   | 0.0     | (8.0)  | 0.0     |
| 1995 | 211.1 | 5.05  | 7.69   | 0.0     | (7.0)  | 0.0     |
| 1996 | 207.6 | 7.22  | 7.69   | 0.0     | (6.0)  | 0.0     |
| 1997 | 213.5 | 8.28  | 7.69   | 0.3     | (5.0)  | 0.0     |
| 1998 | 197.2 | 7.07  | 7.69   | (0.2)   | (4.0)  | 0.0     |
| 1999 | 209.8 | 8.23  | 7.69   | 0.3     | (3.0)  | 0.0     |
| 2000 | 201.1 | 8.09  | 7.69   | 0.0     | (2.0)  | 0.0     |
| 2001 | 193.8 | 6.82  | 7.69   | 0.0     | (1.0)  | 0.0     |
| 2002 | 190.3 | 9.47  | 7.69   | 0.0     | 0.0    | 0.0     |
| 2003 |       | 7.69  | 7.69   | 0.00    | 1.0    | 0.0     |
| 2004 |       | 7.69  | 7.69   | 0.00    | 2.0    | 0.0     |

2.2

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.50 | 4.00%   | 0.08  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.97681 |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.990292 |
| R Square              | 0.980679 |
| Adjusted R Square     | 0.976814 |
| Standard Error        | 2.174972 |
| Observations          | 19       |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 3  | 3601.535084 | 1200.512 | 253.7809 | 4.49088E-13    |
| Residual   | 15 | 70.95757657 | 4.730505 |          |                |
| Total      | 18 | 3672.492661 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 191.6319     | 1.190053332    | 161.028  | 1.05E-25 | 189.0953741 | 194.1684545 | 189.0953741 | 194.1684545 |
| DUMMIES   | 33.5117      | 1.738807381    | 19.2728  | 5.39E-12 | 29.80551282 | 37.21787778 | 29.80551282 | 37.21787778 |
| TREND     | -2.79017     | 0.180172128    | -15.4861 | 1.24E-10 | -3.17419623 | -2.40614016 | -3.17419623 | -2.40614016 |
| TREND92   | 3.758547     | 0.371609794    | 10.11423 | 4.3E-08  | 2.966479289 | 4.550615315 | 2.966479289 | 4.550615315 |

MISSOURI AMERICAN WATER COMPANY (JEFFERSON CITY RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 167.6 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES |
|------|-------|-------|--------|---------|---------|
| 1980 | 182.4 | 10.31 | 6.76   | 3.55    | 0.0     |
| 1981 | 160.6 | 4.91  | 6.76   | -1.85   | 0.0     |
| 1982 | 157.4 | 4.43  | 6.76   | -2.33   | (0.3)   |
| 1983 | 168.6 | 8.02  | 6.76   | 1.25    | (0.7)   |
| 1984 | 170.9 | 8.12  | 6.76   | 1.35    | (0.5)   |
| 1985 | 156.9 | 5.72  | 6.76   | -1.04   | (1.3)   |
| 1986 | 165.5 | 7.33  | 6.76   | 0.56    | (0.7)   |
| 1987 | 171.4 | 8.47  | 6.76   | 1.71    | (0.7)   |
| 1988 | 172.9 | 9.07  | 6.76   | 2.30    | (0.7)   |
| 1989 | 162.6 | 6.21  | 6.76   | -0.55   | (0.7)   |
| 1990 | 157.3 | 5.08  | 6.76   | -1.68   | (0.7)   |
| 1991 | 165.6 | 6.86  | 6.76   | 0.09    | (0.3)   |
| 1992 | 161.8 | 4.93  | 6.76   | -1.84   | 0.0     |
| 1993 | 156.4 | 4.15  | 6.76   | -2.62   | 0.0     |
| 1994 | 165.1 | 5.78  | 6.76   | -0.55   | 0.0     |
| 1995 | 164.1 | 5.85  | 6.76   | -0.91   | 0.0     |
| 1996 | 162.8 | 5.62  | 6.76   | -1.15   | 0.0     |
| 1997 | 165.3 | 6.32  | 6.76   | -0.44   | 0.0     |
| 1998 | 159.4 | 5.25  | 6.76   | -1.51   | (0.3)   |
| 1999 | 177.9 | 8.74  | 6.76   | 1.97    | 0.3     |
| 2000 | 165.2 | 6.46  | 6.76   | -0.31   | (0.3)   |
| 2001 | 170.9 | 5.80  | 6.76   | -0.97   | 1.3     |
| 2002 | 162.0 | 6.72  | 6.76   | -0.05   | (1.0)   |
| 2003 |       | #REF! | #REF!  | #REF!   | 0.0     |
| 2004 |       | #REF! | #REF!  | #REF!   | 0.0     |

REGRESSION DATA: 1994 AND 1995 POINTS REMOVED

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES |
|------|-------|-------|--------|---------|---------|
| 1980 | 182.4 | 10.31 | 6.76   | 3.55    | 0.0     |
| 1981 | 160.6 | 4.91  | 6.76   | -1.85   | 0.0     |
| 1982 | 157.4 | 4.43  | 6.76   | -2.33   | (0.3)   |
| 1983 | 168.6 | 8.02  | 6.76   | 1.25    | (0.7)   |
| 1984 | 170.9 | 8.12  | 6.76   | 1.35    | (0.5)   |
| 1985 | 156.9 | 5.72  | 6.76   | -1.04   | (1.3)   |
| 1986 | 165.5 | 7.33  | 6.76   | 0.56    | (0.7)   |
| 1987 | 171.4 | 8.47  | 6.76   | 1.71    | (0.7)   |
| 1988 | 172.9 | 9.07  | 6.76   | 2.30    | (0.7)   |
| 1989 | 162.6 | 6.21  | 6.76   | -0.55   | (0.7)   |
| 1990 | 157.3 | 5.08  | 6.76   | -1.68   | (0.7)   |
| 1991 | 165.6 | 6.86  | 6.76   | 0.09    | (0.3)   |
| 1992 | 161.8 | 4.93  | 6.76   | -1.84   | 0.0     |
| 1993 | 156.4 | 4.15  | 6.76   | -2.62   | 0.0     |
| 1996 | 162.8 | 5.62  | 6.76   | -1.15   | 0.0     |
| 1997 | 165.3 | 6.32  | 6.76   | -0.44   | 0.0     |
| 1998 | 159.4 | 5.25  | 6.76   | -1.51   | (0.3)   |
| 1999 | 177.9 | 8.74  | 6.76   | 1.97    | 0.3     |
| 2000 | 165.2 | 6.46  | 6.76   | -0.31   | (0.3)   |
| 2001 | 170.9 | 5.80  | 6.76   | -0.97   | 1.3     |
| 2002 | 162.0 | 6.72  | 6.76   | -0.05   | (1.0)   |
| 2003 |       | 6.76  | 6.76   | 0.00    | 0.0     |
| 2004 |       | 6.76  | 6.76   | 0.00    | 0.0     |

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.50 | 8.00%   | 0.07  |
| OPENING | GAIN | DRAINED | NEEDS |

|          |
|----------|
| 0.991422 |
| R-BarSQ  |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9961323 |
| R Square              | 0.9922795 |
| Adjusted R Square     | 0.9914217 |
| Standard Error        | 0.6517161 |
| Observations          | 21        |

| ANOVA      |    |             |          |          |                |
|------------|----|-------------|----------|----------|----------------|
|            | df | SS          | MS       | F        | Significance F |
| Regression | 2  | 982.6044033 | 491.3022 | 1156.729 | 9.74547E-20    |
| Residual   | 18 | 7.645210571 | 0.424734 |          |                |
| Total      | 20 | 990.2496139 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   |
|-----------|--------------|----------------|----------|----------|-------------|-------------|
| Intercept | 167.81118    | 0.167165906    | 1003.86  | 3.43E-44 | 167.4599779 | 168.1623835 |
| DNSHORT   | 4.0315595    | 0.087828416    | 45.90268 | 4.18E-20 | 3.84703866  | 4.216080256 |
| DUMMIES   | 5.4336433    | 0.269519687    | 20.16047 | 8.39E-14 | 4.867403023 | 5.999883603 |

MISSOURI AMERICAN WATER COMPANY (JEFFERSON CITY COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 876.4 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES | 1999trend |
|------|-------|-------|--------|---------|---------|-----------|
| 1980 | 875.1 | 10.37 | 6.86   | 3.51    | (3.0)   | (5.00)    |
| 1981 | 842.9 | 5.08  | 6.86   | -1.78   | (2.0)   | (5.00)    |
| 1982 | 836.4 | 4.57  | 6.86   | -2.30   | (2.0)   | (5.00)    |
| 1983 | 938.6 | 8.08  | 6.86   | 1.22    | 0.0     | (5.00)    |
| 1984 | 950.9 | 8.17  | 6.86   | 1.30    | 0.5     | (5.00)    |
| 1985 | 911.8 | 5.86  | 6.86   | -1.00   | 0.0     | (5.00)    |
| 1986 | 902.9 | 7.38  | 6.86   | 0.52    | (1.0)   | (5.00)    |
| 1987 | 995.2 | 8.55  | 6.86   | 1.69    | 2.0     | (5.00)    |
| 1988 | 940.9 | 9.14  | 6.86   | 2.28    | 0.0     | (5.00)    |
| 1989 | 952.0 | 6.36  | 6.86   | -0.50   | 1.0     | (5.00)    |
| 1990 | 894.8 | 5.22  | 6.86   | -1.64   | (0.5)   | (5.00)    |
| 1991 | 921.3 | 6.94  | 6.86   | 0.08    | 0.0     | (5.00)    |
| 1992 | 873.0 | 4.99  | 6.86   | -1.87   | (1.0)   | (5.00)    |
| 1993 | 874.8 | 4.25  | 6.86   | -2.61   | (0.5)   | (5.00)    |
| 1994 | 915.0 | 6.18  | 6.86   | -0.68   | 0.0     | (5.00)    |
| 1995 | 912.7 | 5.98  | 6.86   | -0.88   | 0.0     | (5.00)    |
| 1996 | 907.8 | 5.67  | 6.86   | -1.19   | 0.0     | (5.00)    |
| 1997 | 919.7 | 6.41  | 6.86   | -0.45   | 0.0     | (5.00)    |
| 1998 | 893.0 | 5.44  | 6.86   | -1.42   | (0.2)   | (4.00)    |
| 1999 | 925.5 | 8.81  | 6.86   | 1.94    | 0.0     | (3.00)    |
| 2000 | 894.2 | 6.55  | 6.86   | -0.32   | 0.0     | (2.00)    |
| 2001 | 877.5 | 5.94  | 6.86   | -0.93   | 0.0     | (1.00)    |
| 2002 | 876.6 | 6.88  | 6.86   | 0.02    | 0.0     | 0.00      |
| 2003 |       | #REF! | #REF!  | #REF!   | 0.0     | 1.00      |
| 2004 |       | #REF! | #REF!  | #REF!   | 0.0     | 2.00      |

REGRESSION DATA: 1994 AND 1995 POINTS REMOVED

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES | 1999trend |
|------|-------|-------|--------|---------|---------|-----------|
| 1980 | 875.1 | 10.37 | 6.86   | 3.51    | (3.0)   | (5.00)    |
| 1981 | 842.9 | 5.08  | 6.86   | -1.78   | (2.0)   | (5.00)    |
| 1982 | 836.4 | 4.57  | 6.86   | -2.30   | (2.0)   | (5.00)    |
| 1983 | 938.6 | 8.08  | 6.86   | 1.22    | 0.0     | (5.00)    |
| 1984 | 950.9 | 8.17  | 6.86   | 1.30    | 0.5     | (5.00)    |
| 1985 | 911.8 | 5.86  | 6.86   | -1.00   | 0.0     | (5.00)    |
| 1986 | 902.9 | 7.38  | 6.86   | 0.52    | (1.0)   | (5.00)    |
| 1987 | 995.2 | 8.55  | 6.86   | 1.69    | 2.0     | (5.00)    |
| 1988 | 940.9 | 9.14  | 6.86   | 2.28    | 0.0     | (5.00)    |
| 1989 | 952.0 | 6.36  | 6.86   | -0.50   | 1.0     | (5.00)    |
| 1990 | 894.8 | 5.22  | 6.86   | -1.64   | (0.5)   | (5.00)    |
| 1991 | 921.3 | 6.94  | 6.86   | 0.08    | 0.0     | (5.00)    |
| 1992 | 873.0 | 4.99  | 6.86   | -1.87   | (1.0)   | (5.00)    |
| 1993 | 874.8 | 4.25  | 6.86   | -2.61   | (0.5)   | (5.00)    |
| 1996 | 907.8 | 5.67  | 6.86   | -1.19   | 0.0     | (5.00)    |
| 1997 | 919.7 | 6.41  | 6.86   | -0.45   | 0.0     | (5.00)    |
| 1998 | 893.0 | 5.44  | 6.86   | -1.42   | (0.2)   | (4.00)    |
| 1999 | 925.5 | 8.81  | 6.86   | 1.94    | 0.0     | (3.00)    |
| 2000 | 894.2 | 6.55  | 6.86   | -0.32   | 0.0     | (2.00)    |
| 2001 | 877.5 | 5.94  | 6.86   | -0.93   | 0.0     | (1.00)    |
| 2002 | 876.6 | 6.88  | 6.86   | 0.02    | 0.0     | 0.00      |
| 2003 |       | 6.86  | 6.86   | 0.00    | 0.0     | 1.00      |
| 2004 |       | 6.86  | 6.86   | 0.00    | 0.0     | 2.00      |

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.50 | 9.00%   | 0.07  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.9922  |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |            |
|-----------------------|------------|
| Multiple R            | 0.99670049 |
| R Square              | 0.99341186 |
| Adjusted R Sq         | 0.99224925 |
| Standard Error        | 3.3612202  |
| Observations          | 21         |

| ANOVA      |    |             |          |          |                |
|------------|----|-------------|----------|----------|----------------|
|            | df | SS          | MS       | F        | Significance F |
| Regression | 3  | 28960.72403 | 9653.575 | 854.4649 | 9.86E-19       |
| Residual   | 17 | 192.0626206 | 11.2978  |          |                |
| Total      | 20 | 29152.78665 |          |          |                |

|           | Coefficients | Standard Error | t Stat    | P-value  | Lower 95% | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|-----------|----------|-----------|-------------|-------------|-------------|
| Intercept | 878.09052    | 2.288326298    | 383.7261  | 6.46E-35 | 873.2626  | 882.9184729 | 873.262566  | 882.918473  |
| DNSHORT   | 10.8937504   | 0.458943216    | 23.7366   | 1.79E-14 | 9.925464  | 11.8620373  | 9.9254635   | 11.8620373  |
| DUMMIES   | 29.0086212   | 0.718003372    | 40.40179  | 2.48E-18 | 27.49376  | 30.52347797 | 27.4937643  | 30.523478   |
| 1999trend | -8.8533336   | 0.510483483    | -17.34304 | 3.03E-12 | -9.930361 | -7.7763061  | -9.93036112 | -7.7763061  |

MISSOURI AMERICAN WATER COMPANY (JOPLIN RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 197.95 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES | TREND98 |
|------|-------|-------|--------|---------|---------|---------|
| 1984 | 193.8 | 5.74  | 4.75   | 0.98    | 0.0     | (14.0)  |
| 1985 | 185.4 | 4.10  | 4.75   | -0.65   | 0.0     | (13.0)  |
| 1986 | 186.3 | 4.80  | 4.75   | 0.05    | (0.5)   | (12.0)  |
| 1987 | 187.9 | 4.90  | 4.75   | 0.15    | (0.5)   | (11.0)  |
| 1988 | 197.4 | 6.22  | 4.75   | 1.46    | 0.0     | (10.0)  |
| 1989 | 187.6 | 4.20  | 4.75   | -0.55   | 0.0     | (9.0)   |
| 1990 | 189.7 | 3.44  | 4.75   | -1.31   | 0.5     | (8.0)   |
| 1991 | 205.4 | 6.32  | 4.75   | 1.57    | 0.5     | (7.0)   |
| 1992 | 180.9 | 2.40  | 4.75   | -2.35   | 0.0     | (6.0)   |
| 1993 | 178.0 | 2.82  | 4.75   | -1.94   | (1.0)   | (5.0)   |
| 1994 | 198.3 | 5.17  | 4.75   | 0.42    | 0.0     | (4.0)   |
| 1995 | 198.4 | 3.66  | 4.75   | -1.10   | 1.0     | (3.0)   |
| 1996 | 200.8 | 5.37  | 4.75   | 0.62    | 0.0     | (2.0)   |
| 1997 | 209.1 | 3.65  | 4.75   | -1.11   | 2.5     | (1.0)   |
| 1998 | 196.6 | 5.00  | 4.75   | 0.25    | (0.5)   | 0.0     |
| 1999 | 199.1 | 4.12  | 4.75   | -0.63   | 0.5     | 0.0     |
| 2000 | 207.0 | 5.72  | 4.75   | 0.97    | 0.3     | 0.0     |
| 2001 | 199.6 | 6.01  | 4.75   | 1.25    | (1.0)   | 0.0     |
| 2002 | 192.2 | 6.09  | 4.75   | 1.34    | (2.0)   | 0.0     |
| 2003 |       | 4.75  | 4.75   | 0.00    | 0.00    | 0.0     |
| 2004 |       | 4.75  | 4.75   | 0.00    | 0.00    | 0.0     |

(0.2)

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.40 | 3.00%   | 0.06  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.993   |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9972723 |
| R Square              | 0.994552  |
| Adjusted R Sq         | 0.9934624 |
| Standard Error        | 0.6991651 |
| Observations          | 19        |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 3  | 1338.567826 | 446.1893 | 912.7664 | 3.4E-17        |
| Residual   | 15 | 7.332477727 | 0.488832 |          |                |
| Total      | 18 | 1345.900303 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95% | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-----------|-------------|-------------|-------------|
| Intercept | 199.12984    | 0.245165369    | 812.2266 | 3.03E-36 | 198.6073  | 199.6524014 | 198.6072856 | 199.6524014 |
| DNSHORT   | 5.3881106    | 0.147111689    | 36.62599 | 4.33E-16 | 5.074549  | 5.701671955 | 5.074549284 | 5.701671955 |
| DUMMIES   | 6.8733616    | 0.191116324    | 35.96428 | 5.67E-16 | 6.466007  | 7.280716626 | 6.46600652  | 7.280716626 |
| TREND98   | 0.8135765    | 0.033596282    | 24.21627 | 1.94E-13 | 0.741968  | 0.885185348 | 0.7419677   | 0.885185348 |

MISSOURI AMERICAN WATER COMPANY (JOPLIN COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 866.19 GMD

| YYYY | GMD   | SHORT | NSHORT | DUMMIES | TREND98 | TREND02 |
|------|-------|-------|--------|---------|---------|---------|
| 1984 | 874.3 | 5.74  | 4.75   | (1.0)   | (14.0)  | (18.0)  |
| 1985 | 871.4 | 4.10  | 4.75   | (1.0)   | (13.0)  | (17.0)  |
| 1986 | 860.0 | 4.80  | 4.75   | (1.0)   | (12.0)  | (16.0)  |
| 1987 | 916.0 | 4.90  | 4.75   | 0.5     | (11.0)  | (15.0)  |
| 1988 | 875.2 | 6.22  | 4.75   | (0.5)   | (10.0)  | (14.0)  |
| 1989 | 918.8 | 4.20  | 4.75   | 0.5     | (9.0)   | (13.0)  |
| 1990 | 885.5 | 3.44  | 4.75   | (0.2)   | (8.0)   | (12.0)  |
| 1991 | 909.7 | 6.32  | 4.75   | 0.5     | (7.0)   | (11.0)  |
| 1992 | 845.7 | 2.40  | 4.75   | (0.5)   | (6.0)   | (10.0)  |
| 1993 | 872.3 | 2.82  | 4.75   | 0.0     | (5.0)   | (9.0)   |
| 1994 | 855.2 | 5.17  | 4.75   | 0.0     | (4.0)   | (8.0)   |
| 1995 | 865.8 | 3.66  | 4.75   | 0.0     | (3.0)   | (7.0)   |
| 1996 | 859.2 | 5.37  | 4.75   | 0.0     | (2.0)   | (6.0)   |
| 1997 | 853.0 | 3.65  | 4.75   | 0.0     | (1.0)   | (5.0)   |
| 1998 | 843.3 | 5.00  | 4.75   | 0.0     | 0.0     | (4.0)   |
| 1999 | 869.8 | 4.12  | 4.75   | 0.0     | 0.0     | (3.0)   |
| 2000 | 882.9 | 5.72  | 4.75   | 0.0     | 0.0     | (2.0)   |
| 2001 | 848.1 | 6.01  | 4.75   | (1.0)   | 0.0     | (1.0)   |
| 2002 | 911.5 | 6.09  | 4.75   | 0.0     | 0.0     | 0.0     |
| 2003 |       | 4.75  | 4.75   | 0.00    | 0.0     | 1.0     |
| 2004 |       | 4.75  | 4.75   | 0.00    | 0.0     | 2.0     |

|         |      |         |       |          |
|---------|------|---------|-------|----------|
| 5.00    | 0.40 | 3.00%   | 0.06  | 0.941163 |
| OPENING | GAIN | DRAINED | NEEDS | R-BarSQ  |

SUMMARY OUTPUT

| Regression Statistics |            |
|-----------------------|------------|
| Multiple R            | 0.97517656 |
| R Square              | 0.95096932 |
| Adjusted R Sq         | 0.94116318 |
| Standard Error        | 5.82456134 |
| Observations          | 19         |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 3  | 9869.980053 | 3289.993 | 96.97696 | 4.78284E-10    |
| Residual   | 15 | 508.8827216 | 33.92551 |          |                |
| Total      | 18 | 10378.86277 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%    | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|--------------|-------------|-------------|-------------|
| Intercept | 912.8583     | 4.573253126    | 199.6081 | 4.2E-27  | 903.110636   | 922.6059646 | 903.110636  | 922.6059646 |
| DUMMIES   | 45.7446263   | 3.071613658    | 14.8927  | 2.15E-10 | 39.19763269  | 52.29161981 | 39.19763269 | 52.29161981 |
| TREND98   | -21.632103   | 1.721855115    | -12.5633 | 2.3E-09  | -25.30215273 | -17.9620536 | -25.3021527 | -17.9620536 |
| TREND02   | 16.5434093   | 1.473434716    | 11.22779 | 1.07E-08 | 13.40285559  | 19.68396296 | 13.40285559 | 19.68396296 |

MISSOURI AMERICAN WATER COMPANY (MEXICO RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 146.53 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES | TREND  | Trend89 |
|------|-------|-------|--------|---------|---------|--------|---------|
| 1984 | 164.9 | 2.87  | 2.69   | 0.17    | (0.5)   | (18.0) | (6.0)   |
| 1985 | 163.0 | 1.89  | 2.69   | -0.80   | (0.4)   | (17.0) | (5.0)   |
| 1986 | 161.0 | 2.74  | 2.69   | 0.05    | (0.7)   | (16.0) | (4.0)   |
| 1987 | 165.1 | 3.00  | 2.69   | 0.31    | (0.4)   | (15.0) | (3.0)   |
| 1988 | 180.7 | 6.43  | 2.69   | 3.73    | 0.0     | (14.0) | (2.0)   |
| 1989 | 168.9 | 2.26  | 2.69   | -0.43   | 0.0     | (13.0) | (1.0)   |
| 1990 | 162.9 | 1.82  | 2.69   | -0.88   | (0.3)   | (12.0) | 0.0     |
| 1991 | 170.0 | 2.74  | 2.69   | 0.05    | 0.0     | (11.0) | 0.0     |
| 1992 | 173.8 | 3.83  | 2.69   | 1.13    | 0.2     | (10.0) | 0.0     |
| 1993 | 158.6 | 0.25  | 2.69   | -2.44   | 0.0     | (9.0)  | 0.0     |
| 1994 | 170.4 | 4.00  | 2.69   | 1.30    | 0.1     | (8.0)  | 0.0     |
| 1995 | 160.3 | 1.14  | 2.69   | -1.55   | 0.0     | (7.0)  | 0.0     |
| 1996 | 157.3 | 1.97  | 2.69   | -0.73   | (0.2)   | (6.0)  | 0.0     |
| 1997 | 160.3 | 2.44  | 2.69   | -0.26   | 0.0     | (5.0)  | 0.0     |
| 1998 | 151.1 | 0.99  | 2.69   | -1.71   | (0.2)   | (4.0)  | 0.0     |
| 1999 | 163.7 | 4.52  | 2.69   | 1.82    | 0.0     | (3.0)  | 0.0     |
| 2000 | 153.4 | 1.75  | 2.69   | -0.94   | 0.0     | (2.0)  | 0.0     |
| 2001 | 152.4 | 1.58  | 2.69   | -1.12   | 0.0     | (1.0)  | 0.0     |
| 2002 | 140.6 | 3.74  | 2.69   | 1.05    | (1.0)   | 0.0    | 0.0     |
| 2003 |       | 2.69  | 2.69   | 0.00    | 0.00    | 1.0    | 0.0     |
| 2004 |       | 2.69  | 2.69   | 0.00    | 0.00    | 2.0    | 0.0     |

(3.4)

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.90 | 2.00%   | 0.06  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.99532 |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9981783 |
| R Square              | 0.99636   |
| Adjusted R Sq         | 0.99532   |
| Standard Error        | 0.6188559 |
| Observations          | 19        |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 4  | 1467.65448  | 366.9136 | 958.0425 | 6.75152E-17    |
| Residual   | 14 | 5.361756376 | 0.382983 |          |                |
| Total      | 18 | 1473.016236 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%    | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|--------------|-------------|-------------|-------------|
| Intercept | 154.08267    | 0.363196984    | 424.2399 | 3.61E-30 | 153.3036847  | 154.8616462 | 153.3036847 | 154.8616462 |
| DNSHORT   | 2.7908439    | 0.102945659    | 27.10987 | 1.68E-13 | 2.570047251  | 3.011640602 | 2.570047251 | 3.011640602 |
| DUMMIES   | 16.102806    | 0.600951876    | 26.7955  | 1.98E-13 | 14.81389132  | 17.39172078 | 14.81389132 | 17.39172078 |
| TREND     | -1.350749    | 0.045614695    | -29.6122 | 4.99E-14 | -1.448583179 | -1.25291542 | -1.44858318 | -1.25291542 |
| Trend89   | 1.0440716    | 0.149698372    | 6.974502 | 6.51E-06 | 0.723000258  | 1.365142982 | 0.723000258 | 1.365142982 |

MISSOURI AMERICAN WATER COMPANY (MEXICO COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 580.26 GMD

| YYYY | GMD   | SHORT | NSHORT | DUMMIES | SHIFT97 | TREND98 |
|------|-------|-------|--------|---------|---------|---------|
| 1984 | 440.9 | 2.87  | 2.69   | (1.0)   | (1.0)   | (14.0)  |
| 1985 | 428.8 | 1.89  | 2.69   | (1.5)   | (1.0)   | (13.0)  |
| 1986 | 453.6 | 2.74  | 2.69   | (1.0)   | (1.0)   | (12.0)  |
| 1987 | 494.8 | 3.00  | 2.69   | 0.0     | (1.0)   | (11.0)  |
| 1988 | 514.9 | 6.43  | 2.69   | 0.0     | (1.0)   | (10.0)  |
| 1989 | 518.9 | 2.26  | 2.69   | 0.0     | (1.0)   | (9.0)   |
| 1990 | 524.7 | 1.82  | 2.69   | 0.0     | (1.0)   | (8.0)   |
| 1991 | 544.0 | 2.74  | 2.69   | 0.0     | (1.0)   | (7.0)   |
| 1992 | 488.7 | 3.83  | 2.69   | (1.3)   | (1.0)   | (6.0)   |
| 1993 | 509.1 | 0.25  | 2.69   | (1.3)   | (1.0)   | (5.0)   |
| 1994 | 556.4 | 4.00  | 2.69   | 0.0     | (1.0)   | (4.0)   |
| 1995 | 574.8 | 1.14  | 2.69   | 0.0     | (1.0)   | (3.0)   |
| 1996 | 582.9 | 1.97  | 2.69   | 0.0     | (1.0)   | (2.0)   |
| 1997 | 574.2 | 2.44  | 2.69   | (0.3)   | (1.0)   | (1.0)   |
| 1998 | 607.1 | 0.99  | 2.69   | 0.0     | 0.0     | 0.0     |
| 1999 | 613.2 | 4.52  | 2.69   | 0.0     | 0.0     | 0.0     |
| 2000 | 615.5 | 1.75  | 2.69   | 0.0     | 0.0     | 0.0     |
| 2001 | 606.6 | 1.58  | 2.69   | 0.0     | 0.0     | 0.0     |
| 2002 | 562.5 | 3.74  | 2.69   | (1.0)   | 0.0     | 0.0     |
| 2003 |       | 2.69  | 2.69   | 0.00    | 0.0     | 0.0     |
| 2004 |       | 2.69  | 2.69   | 0.00    | 0.0     | 0.0     |

(7.4)

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.90 | 2.00%   | 0.06  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.99195 |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.996639 |
| R Square              | 0.993289 |
| Adjusted R Sq         | 0.991947 |
| Standard Error        | 5.24427  |
| Observations          | 19       |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 3  | 61062.39327 | 20354.13 | 740.0866 | 1.62262E-16    |
| Residual   | 15 | 412.5354503 | 27.50236 |          |                |
| Total      | 18 | 61474.92872 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 608.9411     | 2.392212664    | 254.5514 | 1.1E-28  | 603.8422081 | 614.0399756 | 603.8422081 | 614.0399756 |
| DUMMIES   | 39.77269     | 2.356951219    | 16.87463 | 3.64E-11 | 34.74896125 | 44.79641264 | 34.74896125 | 44.79641264 |
| SHIFT97   | 11.92062     | 3.791648248    | 3.143914 | 0.006689 | 3.838905568 | 20.00232937 | 3.838905568 | 20.00232937 |
| TREND98   | 8.542844     | 0.369600215    | 23.11374 | 3.84E-13 | 7.75505938  | 9.33062877  | 7.75505938  | 9.33062877  |

MISSOURI AMERICAN WATER COMPANY (PARKVILLE RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 286.64 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES |
|------|-------|-------|--------|---------|---------|
| 1984 | 299.2 | 8.71  | 7.65   | 1.06    | 0.5     |
| 1985 | 278.9 | 6.92  | 7.65   | -0.73   | 0.0     |
| 1986 | 278.4 | 6.98  | 7.65   | -0.67   | 0.0     |
| 1987 | 282.5 | 7.94  | 7.65   | 0.29    | 0.0     |
| 1988 | 318.1 | 11.53 | 7.65   | 3.88    | 0.0     |
| 1989 | 278.0 | 7.33  | 7.65   | -0.32   | 0.0     |
| 1990 | 275.4 | 7.16  | 7.65   | -0.49   | 0.0     |
| 1991 | 296.6 | 8.52  | 7.65   | 0.87    | 0.0     |
| 1992 | 263.8 | 5.48  | 7.65   | -2.17   | 0.0     |
| 1993 | 246.0 | 4.03  | 7.65   | -3.62   | (0.5)   |
| 1994 | 279.9 | 8.71  | 7.65   | 1.06    | (0.8)   |
| 1995 | 278.8 | 6.82  | 7.65   | -0.83   | 0.0     |
| 1996 | 256.4 | 5.98  | 7.65   | -1.67   | (1.0)   |
| 1997 | 281.9 | 7.08  | 7.65   | -0.57   | 0.0     |
| 1998 | 274.0 | 7.27  | 7.65   | -0.38   | (0.5)   |
| 1999 | 291.2 | 7.22  | 7.65   | -0.43   | 0.7     |
| 2000 | 300.7 | 9.11  | 7.65   | 1.46    | 0.0     |
| 2001 | 279.3 | 6.80  | 7.65   | -0.85   | 0.0     |
| 2002 | 303.0 | 10.21 | 7.65   | 2.56    | 0.0     |
| 2003 |       | 7.65  | 7.65   | 0.00    | 0.00    |
| 2004 |       | 7.65  | 7.65   | 0.00    | 0.00    |

(1.6)

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.30 | 5.00%   | 0.07  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.97118 |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |            |
|-----------------------|------------|
| Multiple R            | 0.98710999 |
| R Square              | 0.97438613 |
| Adjusted R Sq         | 0.97118439 |
| Standard Error        | 2.86670862 |
| Observations          | 19         |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 2  | 5001.991547 | 2500.996 | 304.3308 | 1.85269E-13    |
| Residual   | 16 | 131.4882927 | 8.218018 |          |                |
| Total      | 18 | 5133.47984  |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 284.109294   | 0.673038153    | 422.1296 | 8.29E-34 | 282.682517  | 285.5360707 | 282.682517  | 285.5360707 |
| DNSHORT   | 8.52765352   | 0.416314204    | 20.4837  | 6.62E-13 | 7.645107036 | 9.410200013 | 7.645107036 | 9.410200013 |
| DUMMIES   | 14.6001279   | 1.812702605    | 8.054343 | 5.08E-07 | 10.75737088 | 18.44288487 | 10.75737088 | 18.44288487 |

MISSOURI AMERICAN WATER COMPANY (PARKVILLE COMMERCIAL) WR-2003-0500 AND WC-2004-0168

| MAWC NORMAL = | 994.71 GMD |       |        |         |         |         |         |         |         |
|---------------|------------|-------|--------|---------|---------|---------|---------|---------|---------|
| YYYY          | GMD        | SHORT | NSHORT | DNSHORT | DUMMIES | TREND02 | TREND95 | TREND93 | TREND87 |
| 1984          | 672.5      | 8.71  | 7.65   | 1.06    | 0.0     | (18.0)  | (11.0)  | (9.0)   | (3.0)   |
| 1985          | 679.1      | 6.92  | 7.65   | -0.73   | 0.0     | (17.0)  | (10.0)  | (8.0)   | (2.0)   |
| 1986          | 740.5      | 6.98  | 7.65   | -0.67   | 0.0     | (16.0)  | (9.0)   | (7.0)   | (1.0)   |
| 1987          | 808.9      | 7.94  | 7.65   | 0.29    | 0.0     | (15.0)  | (8.0)   | (6.0)   | 0.0     |
| 1988          | 824.0      | 11.53 | 7.65   | 3.88    | 0.0     | (14.0)  | (7.0)   | (5.0)   | 0.0     |
| 1989          | 708.1      | 7.33  | 7.65   | -0.32   | (0.5)   | (13.0)  | (6.0)   | (4.0)   | 0.0     |
| 1990          | 741.2      | 7.16  | 7.65   | -0.49   | 0.0     | (12.0)  | (5.0)   | (3.0)   | 0.0     |
| 1991          | 764.9      | 8.52  | 7.65   | 0.87    | 0.0     | (11.0)  | (4.0)   | (2.0)   | 0.0     |
| 1992          | 668.8      | 5.48  | 7.65   | -2.17   | 0.0     | (10.0)  | (3.0)   | (1.0)   | 0.0     |
| 1993          | 640.1      | 4.03  | 7.65   | -3.62   | 0.0     | (9.0)   | (2.0)   | 0.0     | 0.0     |
| 1994          | 750.4      | 8.71  | 7.65   | 1.06    | 0.0     | (8.0)   | (1.0)   | 0.0     | 0.0     |
| 1995          | 815.5      | 6.82  | 7.65   | -0.83   | 0.0     | (7.0)   | 0.0     | 0.0     | 0.0     |
| 1996          | 813.0      | 5.98  | 7.65   | -1.67   | 0.0     | (6.0)   | 0.0     | 0.0     | 0.0     |
| 1997          | 864.0      | 7.08  | 7.65   | -0.57   | 0.0     | (5.0)   | 0.0     | 0.0     | 0.0     |
| 1998          | 891.6      | 7.27  | 7.65   | -0.38   | 0.0     | (4.0)   | 0.0     | 0.0     | 0.0     |
| 1999          | 896.1      | 7.22  | 7.65   | -0.43   | 0.0     | (3.0)   | 0.0     | 0.0     | 0.0     |
| 2000          | 848.8      | 9.11  | 7.65   | 1.46    | (1.0)   | (2.0)   | 0.0     | 0.0     | 0.0     |
| 2001          | 893.6      | 6.80  | 7.65   | -0.85   | (0.5)   | (1.0)   | 0.0     | 0.0     | 0.0     |
| 2002          | 995.3      | 10.21 | 7.65   | 2.56    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 2003          |            | 7.65  | 7.65   | 0.00    | 0.00    | 1.0     | 0.0     | 0.0     | 0.0     |
| 2004          |            | 7.65  | 7.65   | 0.00    | 0.00    | 2.0     | 0.0     | 0.0     | 0.0     |

|         |      |         |       |         |
|---------|------|---------|-------|---------|
| 5.00    | 0.30 | 5.00%   | 0.07  | 0.982   |
| OPENING | GAIN | DRAINED | NEEDS | R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.994128 |
| R Square              | 0.98829  |
| Adjusted R Sq         | 0.982434 |
| Standard Error        | 12.61548 |
| Observations          | 19       |

| ANOVA      |    |            |          |          |                |
|------------|----|------------|----------|----------|----------------|
|            | df | SS         | MS       | F        | Significance F |
| Regression | 6  | 161176.826 | 26862.8  | 168.7889 | 7.08E-11       |
| Residual   | 12 | 1909.80316 | 159.1503 |          |                |
| Total      | 18 | 163086.629 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95% | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-----------|-------------|-------------|-------------|
| Intercept | 969.3723     | 9.96478737     | 97.27978 | 9.31E-19 | 947.6609  | 991.0837205 | 947.6609081 | 991.0837205 |
| DNSHORT   | 12.81875     | 2.10574135     | 6.087525 | 5.44E-05 | 8.230737  | 17.40676949 | 8.230737092 | 17.40676949 |
| DUMMIES   | 96.2395      | 12.6238219     | 7.623642 | 6.14E-06 | 68.73456  | 123.7444457 | 68.73455653 | 123.7444457 |
| TREND02   | 21.15582     | 2.16144944     | 9.787791 | 4.51E-07 | 16.44642  | 25.8652099  | 16.44642253 | 25.8652099  |
| TREND95   | 45.67361     | 7.28833486     | 6.266672 | 4.15E-05 | 29.79369  | 61.55352457 | 29.79369011 | 61.55352457 |
| TREND93   | -85.7206     | 7.69440928     | -11.1406 | 1.1E-07  | -102.485  | -68.955899  | -102.485254 | -68.955899  |
| TREND87   | 69.11814     | 6.66149246     | 10.37577 | 2.4E-07  | 54.60399  | 83.63228124 | 54.60399126 | 83.63228124 |

MISSOURI AMERICAN WATER COMPANY (ST CHARLES RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 271.94 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES |
|------|-------|-------|--------|---------|---------|
| 1984 | 277.2 | 6.97  | 6.18   | 0.79    | 0.0     |
| 1985 | 257.3 | 5.46  | 6.18   | -0.72   | (0.7)   |
| 1986 | 280.8 | 6.84  | 6.18   | 0.66    | 0.0     |
| 1987 | 297.5 | 8.30  | 6.18   | 2.12    | 0.5     |
| 1988 | 313.7 | 8.77  | 6.18   | 2.59    | 1.5     |
| 1989 | 279.4 | 6.37  | 6.18   | 0.19    | 0.5     |
| 1990 | 255.0 | 6.38  | 6.18   | 0.20    | (2.0)   |
| 1991 | 278.5 | 6.73  | 6.18   | 0.55    | 0.0     |
| 1992 | 273.8 | 6.34  | 6.18   | 0.16    | 0.0     |
| 1993 | 235.3 | 3.23  | 6.18   | -2.95   | (1.0)   |
| 1994 | 279.9 | 5.79  | 6.18   | -0.39   | 1.0     |
| 1995 | 279.2 | 4.94  | 6.18   | -1.24   | 1.0     |
| 1996 | 270.9 | 4.83  | 6.18   | -1.35   | 1.0     |
| 1997 | 275.3 | 5.18  | 6.18   | -1.00   | 1.0     |
| 1998 | 258.0 | 4.12  | 6.18   | -2.06   | 0.0     |
| 1999 | 284.1 | 7.25  | 6.18   | 1.07    | 0.0     |
| 2000 | 260.5 | 5.97  | 6.18   | -0.21   | (1.0)   |
| 2001 | 266.5 | 5.78  | 6.18   | -0.39   | 0.0     |
| 2002 | 276.9 | 6.76  | 6.18   | 0.58    | 0.0     |
| 2003 |       | 6.18  | 6.18   | 0.00    | 0.0     |
| 2004 |       | 6.18  | 6.18   | 0.00    | 0.0     |
|      |       |       |        |         | 1.8     |

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.30 | 5.00%   | 0.06  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.9812  |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.991613 |
| R Square              | 0.983296 |
| Adjusted R Square     | 0.981208 |
| Standard Error        | 2.296787 |
| Observations          | 19       |

ANOVA

|            | df | SS         | MS       | F        | Significance F |
|------------|----|------------|----------|----------|----------------|
| Regression | 2  | 4968.51082 | 2484.255 | 470.9282 | 6.06E-15       |
| Residual   | 16 | 84.4037004 | 5.275231 |          |                |
| Total      | 18 | 5052.91452 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95% | Upper 95%   |
|-----------|--------------|----------------|----------|----------|-----------|-------------|
| Intercept | 273.2654     | 0.53219637     | 513.4672 | 3.61E-35 | 272.1372  | 274.393597  |
| DNSHORT   | 8.708886     | 0.41479604     | 20.99559 | 4.52E-13 | 7.829557  | 9.588213624 |
| DUMMIES   | 11.25681     | 0.65081606     | 17.29646 | 8.87E-12 | 9.877145  | 12.63648093 |

MISSOURI AMERICAN WATER COMPANY (ST CHARLES COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 1304.91 GMD

| YYYY | GMD     | SHORT | NSHORT | DNSHORT | DUMMIES | 1995trend |
|------|---------|-------|--------|---------|---------|-----------|
| 1984 | 1,414.8 | 6.97  | 6.18   | 0.79    | 2.00    | (5.00)    |
| 1985 | 1,326.5 | 5.46  | 6.18   | -0.72   | (0.50)  | (5.00)    |
| 1986 | 1,317.7 | 6.84  | 6.18   | 0.66    | (1.50)  | (5.00)    |
| 1987 | 1,407.6 | 8.30  | 6.18   | 2.12    | 1.00    | (5.00)    |
| 1988 | 1,412.4 | 8.77  | 6.18   | 2.59    | 1.00    | (5.00)    |
| 1989 | 1,281.5 | 6.37  | 6.18   | 0.19    | (2.50)  | (5.00)    |
| 1990 | 1,334.3 | 6.38  | 6.18   | 0.20    | (0.50)  | (5.00)    |
| 1991 | 1,357.1 | 6.73  | 6.18   | 0.55    | 0.00    | (5.00)    |
| 1992 | 1,356.4 | 6.34  | 6.18   | 0.16    | 0.00    | (5.00)    |
| 1997 | 1,370.2 | 5.18  | 6.18   | -1.00   | 1.50    | (5.00)    |
| 1998 | 1,287.3 | 4.12  | 6.18   | -2.06   | (0.50)  | (4.00)    |
| 1999 | 1,352.0 | 7.25  | 6.18   | 1.07    | 1.00    | (3.00)    |
| 2000 | 1,276.9 | 5.97  | 6.18   | -0.21   | (1.00)  | (2.00)    |
| 2001 | 1,310.9 | 5.78  | 6.18   | -0.39   | 1.00    | (1.00)    |
| 2002 | 1,246.1 | 6.76  | 6.18   | 0.58    | (1.00)  | 0.00      |
| 2003 |         | 6.18  | 6.18   | 0.00    | 1.00    | 1.00      |
| 2004 |         | 6.18  | 6.18   | 0.00    | -1.00   | 2.00      |
|      |         |       |        |         | 0.00    |           |

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.30 | 5.00%   | 0.06  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.9929  |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9972074 |
| R Square              | 0.9944226 |
| Adjusted R Sq         | 0.9929015 |
| Standard Error        | 4.3567018 |
| Observations          | 15        |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 3  | 37226.13317 | 12408.71 | 653.7489 | 1.13479E-12    |
| Residual   | 11 | 208.7893567 | 18.98085 |          |                |
| Total      | 14 | 37434.92253 |          |          |                |

|           | Coefficients | Standard Error | t Stat    | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|-----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 1269.0699    | 2.98560857     | 425.0624  | 1.53E-24 | 1262.498586 | 1275.641153 | 1262.498586 | 1275.64115  |
| DNSHORT   | 14.332495    | 1.046106052    | 13.7008   | 2.95E-08 | 12.03002973 | 16.63495985 | 12.03002973 | 16.6349598  |
| DUMMIES   | 26.996002    | 0.970554107    | 27.81504  | 1.52E-11 | 24.85982571 | 29.13217825 | 24.85982571 | 29.1321782  |
| 1995trend | -15.84898    | 0.696511921    | -22.75478 | 1.33E-10 | -17.3819892 | -14.3159628 | -17.3819892 | -14.315963  |

MISSOURI AMERICAN WATER COMPANY (ST JOSEPH RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 169.24 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES | TREND02 | TREND97 |
|------|-------|-------|--------|---------|---------|---------|---------|
| 1984 | 186.0 | 4.02  | 3.70   | 0.32    | 0.0     | (18.0)  | (13.0)  |
| 1985 | 177.3 | 2.46  | 3.70   | -1.24   | 0.0     | (17.0)  | (12.0)  |
| 1986 | 177.5 | 2.80  | 3.70   | -0.90   | (0.5)   | (16.0)  | (11.0)  |
| 1987 | 182.8 | 3.44  | 3.70   | -0.26   | (0.5)   | (15.0)  | (10.0)  |
| 1988 | 205.5 | 6.21  | 3.70   | 2.51    | 1.0     | (14.0)  | (9.0)   |
| 1989 | 194.1 | 4.44  | 3.70   | 0.74    | 0.0     | (13.0)  | (8.0)   |
| 1990 | 187.3 | 3.53  | 3.70   | -0.17   | 0.0     | (12.0)  | (7.0)   |
| 1991 | 195.3 | 5.06  | 3.70   | 1.37    | 0.0     | (11.0)  | (6.0)   |
| 1992 | 181.7 | 2.14  | 3.70   | -1.56   | 0.0     | (10.0)  | (5.0)   |
| 1993 | 176.2 | 0.71  | 3.70   | -2.99   | 1.0     | (9.0)   | (4.0)   |
| 1994 | 186.5 | 4.05  | 3.70   | 0.35    | (0.5)   | (8.0)   | (3.0)   |
| 1995 | 184.2 | 2.42  | 3.70   | -1.28   | 0.0     | (7.0)   | (2.0)   |
| 1996 | 182.3 | 2.76  | 3.70   | -0.94   | 0.0     | (6.0)   | (1.0)   |
| 1997 | 187.1 | 3.60  | 3.70   | -0.10   | 0.0     | (5.0)   | 0.0     |
| 1998 | 178.1 | 2.40  | 3.70   | -1.30   | 0.0     | (4.0)   | 0.0     |
| 1999 | 179.5 | 3.79  | 3.70   | 0.09    | (0.5)   | (3.0)   | 0.0     |
| 2000 | 195.1 | 5.24  | 3.70   | 1.54    | 1.5     | (2.0)   | 0.0     |
| 2001 | 161.4 | 1.92  | 3.70   | -1.78   | (1.0)   | (1.0)   | 0.0     |
| 2002 | 175.7 | 4.96  | 3.70   | 1.27    | 0.0     | 0.0     | 0.0     |
| 2003 |       | 3.70  | 3.70   | 0.00    | 0.00    | 1.0     | 0.0     |
| 2004 |       | 3.70  | 3.70   | 0.00    | 0.00    | 2.0     | 0.0     |

0.5

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.40 | 3.50%   | 0.05  |
| OPENING | GAIN | DRAINED | NEEDS |

|         |
|---------|
| 0.966   |
| R-BarSQ |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.986698 |
| R Square              | 0.973574 |
| Adjusted R Sq         | 0.966024 |
| Standard Error        | 1.758999 |
| Observations          | 19       |

ANOVA

|            | df | SS         | MS       | F        | Significance F |
|------------|----|------------|----------|----------|----------------|
| Regression | 4  | 1595.85901 | 398.9648 | 128.9446 | 7.03E-11       |
| Residual   | 14 | 43.3170872 | 3.094078 |          |                |
| Total      | 18 | 1639.17609 |          |          |                |

|           | Coefficients | Standard Error | t Stat    | P-value  | Lower 95% | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|-----------|----------|-----------|-------------|-------------|-------------|
| Intercept | 170.5703     | 1.2399243      | 137.5651  | 2.53E-23 | 167.9109  | 173.2296672 | 167.9109162 | 173.2296672 |
| DNSHORT   | 5.421054     | 0.33614414     | 16.12717  | 1.94E-10 | 4.700096  | 6.142011886 | 4.700095638 | 6.142011886 |
| DUMMIES   | 5.110607     | 0.74713202     | 6.8403    | 8.06E-06 | 3.508167  | 6.713047426 | 3.508166949 | 6.713047426 |
| TREND02   | -3.777071    | 0.33972427     | -11.11805 | 2.48E-08 | -4.505708 | -3.04843416 | -4.50570766 | -3.04843416 |
| TREND97   | 4.090542     | 0.4166971      | 9.816584  | 1.17E-07 | 3.196815  | 4.984269063 | 3.196814699 | 4.984269063 |

MISSOURI AMERICAN WATER COMPANY (ST JOSEPH COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 881.62 GMD

| YYYY | GMD   | SHORT | NSHORT | DNSHORT | DUMMIES | TREND02 | TREND97 |
|------|-------|-------|--------|---------|---------|---------|---------|
| 1984 | 778.7 | 4.02  | 3.70   | 0.32    | 0.0     | (18.0)  |         |
| 1985 | 743.0 | 2.46  | 3.70   | -1.24   | 0.0     | (17.0)  |         |
| 1986 | 748.0 | 2.80  | 3.70   | -0.90   | 0.0     | (16.0)  |         |
| 1987 | 756.3 | 3.44  | 3.70   | -0.26   | (0.4)   | (15.0)  |         |
| 1988 | 834.1 | 6.21  | 3.70   | 2.51    | 0.0     | (14.0)  |         |
| 1989 | 778.9 | 4.44  | 3.70   | 0.74    | (0.5)   | (13.0)  |         |
| 1990 | 778.3 | 3.53  | 3.70   | -0.17   | (0.3)   | (12.0)  |         |
| 1991 | 852.5 | 5.06  | 3.70   | 1.37    | 0.5     | (11.0)  |         |
| 1992 | 790.0 | 2.14  | 3.70   | -1.56   | 0.0     | (10.0)  |         |
| 1993 | 772.1 | 0.71  | 3.70   | -2.99   | 0.0     | (9.0)   |         |
| 1994 | 819.4 | 4.05  | 3.70   | 0.35    | 0.0     | (8.0)   |         |
| 1995 | 807.3 | 2.42  | 3.70   | -1.28   | 0.0     | (7.0)   |         |
| 1996 | 807.0 | 2.76  | 3.70   | -0.94   | 0.0     | (6.0)   |         |
| 1997 | 840.5 | 3.60  | 3.70   | -0.10   | 0.0     | (5.0)   |         |
| 1998 | 817.1 | 2.40  | 3.70   | -1.30   | 0.0     | (4.0)   |         |
| 1999 | 865.2 | 3.79  | 3.70   | 0.09    | 0.3     | (3.0)   |         |
| 2000 | 885.6 | 5.24  | 3.70   | 1.54    | 0.0     | (2.0)   |         |
| 2001 | 870.5 | 1.92  | 3.70   | -1.78   | 1.0     | (1.0)   |         |
| 2002 | 837.0 | 4.96  | 3.70   | 1.27    | (1.0)   | 0.0     |         |
| 2003 |       | 3.70  | 3.70   | 0.00    | 0.00    | 1.0     |         |
| 2004 |       | 3.70  | 3.70   | 0.00    | 0.00    | 2.0     |         |

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.40 | 3.50%   | 0.05  |
| OPENING | GAIN | DRAINED | NEEDS |

|          |
|----------|
| 0.975997 |
| R-BarSQ  |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9899484 |
| R Square              | 0.9799978 |
| Adjusted R Sq         | 0.9759974 |
| Standard Error        | 6.5967296 |
| Observations          | 19        |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 3  | 31981.31901 | 10660.44 | 244.9727 | 5.82096E-13    |
| Residual   | 15 | 652.7526308 | 43.51684 |          |                |
| Total      | 18 | 32634.07164 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 864.92337    | 2.935437072    | 294.6489 | 1.22E-29 | 858.6666275 | 871.1801072 | 858.6666275 | 871.1801072 |
| DNSHORT   | 17.644212    | 1.191081517    | 14.81361 | 2.32E-10 | 15.10548012 | 20.18294356 | 15.10548012 | 20.18294356 |
| DUMMIES   | 47.93769     | 4.105131013    | 11.67751 | 6.27E-09 | 39.18780489 | 56.68757491 | 39.18780489 | 56.68757491 |
| TREND02   | 5.5915473    | 0.278560254    | 20.07303 | 2.99E-12 | 4.99780978  | 6.185284765 | 4.99780978  | 6.185284765 |

**MISSOURI AMERICAN WATER COMPANY (ST LOUIS MONTHLY RESIDENTIAL) WR-2003-0500 AND WC-2004-0168**

|                         |     |                  |               |
|-------------------------|-----|------------------|---------------|
| MAWC NORMAL = 14668 GMD |     | Spitznagel 14510 | Customers: 23 |
| YYYY                    | GCD | SHORT            | NSHORT        |
|                         |     |                  | EXITS         |
|                         |     |                  | 6654.03       |

| YYYY | GCD      | SHORT | NSHORT | EXITS |
|------|----------|-------|--------|-------|
| 1993 | 18,087.6 | 6.13  | 8.52   | 1.00  |
| 1994 | 17,512.7 | 8.59  | 8.52   | 1.00  |
| 1995 | 17,411.2 | 7.65  | 8.52   | 1.00  |
| 1996 | 17,728.3 | 7.45  | 8.52   | 1.00  |
| 1997 | 16,548.8 | 8.20  | 8.52   | 1.00  |
| 1998 | 18,299.3 | 6.90  | 8.52   | 1.00  |
| 1999 | 18,706.1 | 8.56  | 8.52   | 1.00  |
| 2000 | 17,591.6 | 7.85  | 8.52   | 1.00  |
| 2001 | 17,460.0 | 8.51  | 8.52   | 1.00  |
| 2002 | 11,051.0 | 9.21  | 8.52   | 0.00  |
| 2003 |          | 8.52  | 8.52   | 0.00  |
| 2004 |          | 11.56 | 8.52   | 0.00  |

**SUMMARY OUTPUT**

| Regression Statistics |            |
|-----------------------|------------|
| Multiple R            | 0.96396253 |
| R Square              | 0.92922375 |
| Adjusted R Sq         | 0.92037672 |
| Standard Error        | 615.949062 |
| Observations          | 10         |

**ANOVA**

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 1  | 39848534.03 | 39848534 | 105.0323 | 7.06463E-06    |
| Residual   | 8  | 3035145.979 | 379393.2 |          |                |
| Total      | 9  | 42883680    |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   |
|-----------|--------------|----------------|----------|----------|-------------|-------------|
| Intercept | 11051.0256   | 615.9490624    | 17.94146 | 9.55E-08 | 9630.643587 | 12471.40759 |
| EXITS     | 6654.03253   | 649.2673199    | 10.24853 | 7.06E-06 | 5156.818438 | 8151.246623 |

MISSOURI AMERICAN WATER COMPANY (ST LOUIS MONTHLY COMMERCIAL) WR-2003-0500 AND WC-2004-0168

|               |               |            |          |            |                        |          |     |
|---------------|---------------|------------|----------|------------|------------------------|----------|-----|
| MAWC NORMAL = | 17123 GMD     | Spitznagel | 15288.76 | Customers: | 400                    | Bills:   | 448 |
| YYYY          | Observed Mgal | GCD        | SHORT    | NSHORT     | DNSHORT Before test yr |          |     |
|               |               |            |          |            | 903.12                 | 1056.853 |     |

1988

11.56 8.52 3.04

| YYYY | Observed Mgal | GCD   | SHORT | NSHORT | DNSHORT OLD | CUS NEW | CUS ALL | CUS | Days   |
|------|---------------|-------|-------|--------|-------------|---------|---------|-----|--------|
| 1993 | 1,787,147     | 12263 | 6.13  | 8.52   | -2.39       | 399     | 0       | 399 | 365.25 |
| 1994 | 2,396,576     | 14358 | 8.59  | 8.52   | 0.07        | 457     | 0       | 457 | 365.25 |
| 1995 | 2,436,038     | 14130 | 7.65  | 8.52   | -0.86       | 472     | 0       | 472 | 365.25 |
| 1996 | 2,313,050     | 13797 | 7.45  | 8.52   | -1.07       | 459     | 0       | 459 | 365.25 |
| 1997 | 2,445,342     | 15320 | 8.20  | 8.52   | -0.32       | 437     | 0       | 437 | 365.25 |
| 1998 | 2,132,073     | 14342 | 6.90  | 8.52   | -1.62       | 407     | 0       | 407 | 365.25 |
| 1999 | 2,349,194     | 15881 | 8.56  | 8.52   | 0.05        | 405     | 0       | 405 | 365.25 |
| 2000 | 2,059,046     | 14164 | 7.85  | 8.52   | -0.67       | 398     | 0       | 398 | 365.25 |
| 2001 | 2,248,082     | 15387 | 8.51  | 8.52   | -0.01       | 400     | 0       | 400 | 365.25 |
| 2002 | 2,442,859     | 14929 | 9.21  | 8.52   | 0.69        | 400     | 48      | 448 | 365.25 |
| 2003 |               |       | 8.52  | 8.52   | 0.00        | 400     | 48      | 448 | 365.25 |
| 2004 |               |       | 8.52  | 8.52   | 0.00        | 400     | 48      | 448 | 365.25 |

43.8

SUMMARY OUTPUT

| Regression Statistics |            |
|-----------------------|------------|
| Multiple R            | 0.94646676 |
| R Square              | 0.89579934 |
| Adjusted R Square     | 0.86602772 |
| Standard Error        | 372.584748 |
| Observations          | 10         |

Standard Err  
Gal/Cus/Day

372.5847481

| ANOVA      |    |          |          |          |                |
|------------|----|----------|----------|----------|----------------|
|            | df | SS       | MS       | F        | Significance F |
| Regression | 2  | 8353884  | 4176942  | 30.08904 | 0.000365       |
| Residual   | 7  | 971735.8 | 138819.4 |          |                |
| Total      | 9  | 9325620  |          |          |                |

|           | Coefficients | Standard Err | t Stat   | P-value  | Lower 95% | Upper 95% | Lower 95.0% | Upper 95.0% |
|-----------|--------------|--------------|----------|----------|-----------|-----------|-------------|-------------|
| Intercept | 14693.9908   | 163.1985     | 90.03755 | 5.49E-12 | 14308.09  | 15079.89  | 14308.09    | 15079.89    |
| dsnshort  | 903.12366    | 136.1551     | 6.633052 | 0.000295 | 581.1683  | 1225.079  | 581.1683    | 1225.079    |
| 979899    | 1056.85332   | 257.1305     | 4.110182 | 0.004515 | 448.8366  | 1664.87   | 448.8366    | 1664.87     |

|       | Constant | dsnshort    | 979899      |
|-------|----------|-------------|-------------|
|       | 14693.99 | 903.1236599 | 1056.853319 |
| trend | 979899   | Constant    | dsnshort    |
| (9)   | 0        | 1           | (2.39)      |
| (8)   | 0        | 1           | 0.07        |
| (7)   | 0        | 1           | (0.86)      |
| (6)   | 0        | 1           | (1.07)      |
| (5)   | 1        | 1           | (0.32)      |
| (4)   | 1        | 1           | (1.62)      |
| (3)   | 1        | 1           | 0.05        |
| (2)   | 0        | 1           | (0.67)      |
| (1)   | 0        | 1           | (0.01)      |
| 0     | 0        | 1           | 0.69        |
| 1     | 0        | 1           | 0.00        |
| 2     | 0        | 1           | 0.00        |

MISSOURI AMERICAN WATER COMPANY (ST LOUIS QUARTERLY RESIDENTIAL) WR-2003-0500  
AND WC-2004-0168

MAWC NORMAL = 284.0628664 GMD  
GCD(Oldcus)

Spitznagel 277.62

Customers: 310,435  
DNSHORT  
11.67

| YYYY | GCD(Oldcus) | SHORT | NSHORT | DNSHORT |
|------|-------------|-------|--------|---------|
| 1993 | 262.8       | 6.13  | 8.52   | -2.39   |
| 1994 | 293.8       | 8.59  | 8.52   | 0.07    |
| 1995 | 282.0       | 7.65  | 8.52   | -0.86   |
| 1996 | 284.5       | 7.45  | 8.52   | -1.07   |
| 1997 | 287.2       | 8.20  | 8.52   | -0.32   |
| 1998 | 270.9       | 6.90  | 8.52   | -1.62   |
| 1999 | 294.6       | 8.56  | 8.52   | 0.05    |
| 2000 | 281.8       | 7.85  | 8.52   | -0.67   |
| 2001 | 288.9       | 8.51  | 8.52   | -0.01   |
| 2002 | 298.3       | 9.21  | 8.52   | 0.69    |
| 2003 |             | 8.52  | 8.52   | 0.00    |
| 2004 |             | 11.56 | 8.52   | 3.04    |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.974277 |
| R Square              | 0.949215 |
| Adjusted R Square     | 0.942867 |
| Standard Error        | 2.612128 |
| Observations          | 10       |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 1  | 1020.253971 | 1020.254 | 149.5269 | 1.85703E-06    |
| Residual   | 8  | 54.58571805 | 6.823215 |          |                |
| Total      | 9  | 1074.839689 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   |
|-----------|--------------|----------------|----------|----------|-------------|-------------|
| Intercept | 291.6367     | 1.01240362     | 288.0637 | 2.36E-17 | 289.3020922 | 293.9713091 |
| DNSHORT   | 11.67145     | 0.954476106    | 12.22812 | 1.86E-06 | 9.47041933  | 13.87247387 |

MISSOURI AMERICAN WATER COMPANY (ST LOUIS QUARTERLY COMMERCIAL) WR-2003-0500 AND WC-2004-0168

|               |               |            |         |            |              |             |          |
|---------------|---------------|------------|---------|------------|--------------|-------------|----------|
| MAWC NORMAL = | 1012 GMD      | Spitznagel | 1107.54 | Customers: | 19,024       | Bills:      | 17374.75 |
| YYYY          | Observed Mgal | SHORT      | NSHORT  | DNSHORT    | Beforetestyr |             |          |
|               |               |            |         |            | 280.17       | 34.59155567 |          |

1988 11.56 8.52 3.04

| YYYY | Observed Mgal | SHORT | NSHORT | DNSHORT | OLD_CUS | NEW_CUS | ALL_CUS |
|------|---------------|-------|--------|---------|---------|---------|---------|
| 1993 | 5,153,617     | 6.13  | 8.52   | -2.39   | 14,467  | 0       | 14,467  |
| 1994 | 5,339,279     | 8.59  | 8.52   | 0.07    | 14,559  | 0       | 14,559  |
| 1995 | 5,243,830     | 7.65  | 8.52   | -0.86   | 14,903  | 0       | 14,903  |
| 1996 | 5,346,264     | 7.45  | 8.52   | -1.07   | 14,973  | 0       | 14,973  |
| 1997 | 5,543,026     | 8.20  | 8.52   | -0.32   | 15,029  | 0       | 15,029  |
| 1998 | 5,663,193     | 6.90  | 8.52   | -1.62   | 15,152  | 0       | 15,152  |
| 1999 | 6,131,810     | 8.56  | 8.52   | 0.05    | 15,258  | 0       | 15,258  |
| 2000 | 6,049,274     | 7.85  | 8.52   | -0.67   | 15,256  | 0       | 15,256  |
| 2001 | 6,246,176     | 8.51  | 8.52   | -0.01   | 15,139  | 1,606   | 16,745  |
| 2002 | 6,876,553     | 9.21  | 8.52   | 0.69    | 15,256  | 3,768   | 19,024  |
| 2003 |               | 8.52  | 8.52   | 0.00    | 15,373  | 3,768   | 19,141  |
| 2004 |               | 8.52  | 8.52   | 0.00    | 15,400  | 3,768   | 19,168  |

90.15941815

Intercept/(2002 cusdays) 685.3713  
gal/cus/day 280.1665  
Residual/cus/day 0.093605  
Total 965.6314

Constant allcusdays dsnallcusdi trendallcusdays 9497allcusdays  
4762418 280.1665 34.59156 13.97540714 -58.8866366

| YYYY | Days   | Newdays | oldcus*days | newcus*newda | allcusdays | trend | 9497 | Constant | allcusdays | dsnallcusdi | trendallcusdays | 9497allcusdays |
|------|--------|---------|-------------|--------------|------------|-------|------|----------|------------|-------------|-----------------|----------------|
| 1993 | 365.25 | 0       | 5,284,072   | 0            | 5,284,072  | (9)   | 0    | 1        | 5,284      | (12,617)    | (47,557)        | 0              |
| 1994 | 365.25 | 0       | 5,317,675   | 0            | 5,317,675  | (8)   | 1    | 1        | 5,318      | 386         | (42,541)        | 5,318          |
| 1995 | 365.25 | 0       | 5,443,321   | 0            | 5,443,321  | (7)   | 1    | 1        | 5,443      | (4,708)     | (38,103)        | 5,443          |
| 1996 | 365.25 | 0       | 5,468,888   | 0            | 5,468,888  | (6)   | 1    | 1        | 5,469      | (5,860)     | (32,813)        | 5,469          |
| 1997 | 365.25 | 0       | 5,489,342   | 0            | 5,489,342  | (5)   | 1    | 1        | 5,489      | (1,769)     | (27,447)        | 5,489          |
| 1998 | 365.25 | 0       | 5,534,268   | 0            | 5,534,268  | (4)   | 0    | 1        | 5,534      | (8,939)     | (22,137)        | 0              |
| 1999 | 365.25 | 0       | 5,572,985   | 0            | 5,572,985  | (3)   | 0    | 1        | 5,573      | 251         | (16,719)        | 0              |
| 2000 | 365.25 | 0       | 5,572,254   | 0            | 5,572,254  | (2)   | 0    | 1        | 5,572      | (3,744)     | (11,145)        | 0              |
| 2001 | 365.25 | 90      | 5,529,550   | 144,533      | 5,674,083  | (1)   | 0    | 1        | 5,674      | (58)        | (5,674)         | 0              |
| 2002 | 365.25 | 365.25  | 5,572,254   | 1,376,414    | 6,948,668  | 0     | 0    | 1        | 6,949      | 4,819       | 0               | 0              |
| 2003 | 365.25 | 365.25  | 5,614,958   | 1,376,414    | 6,991,372  | 1     | 0    | 1        | 6,991      | 0           | 6,991           | 0              |
| 2004 | 365.25 | 365.25  | 5,657,662   | 1,376,414    | 7,034,076  | 2     | 0    | 1        | 7,034      | 0           | 14,068          | 0              |

SUMMARY OUTPUT

| Regression Statistics |          |
|-----------------------|----------|
| Multiple R            | 0.999019 |
| R Square              | 0.998038 |
| Adjusted R Squ        | 0.996469 |
| Standard Error        | 32808.35 |
| Observations          | 10       |

ANOVA

|            | df | SS          | MS         | F        | Significance F |
|------------|----|-------------|------------|----------|----------------|
| Regression | 4  | 2.73836E+12 | 6.8459E+11 | 636.0065 | 5.95591E-07    |
| Residual   | 5  | 5381939065  | 1076387813 |          |                |
| Total      | 9  | 2.74374E+12 |            |          |                |

|                 | Coefficients | Standard Error | t Stat       | P-value  | Lower 95%    | Upper 95%    | Lower 95.0% | Upper 95.0% |
|-----------------|--------------|----------------|--------------|----------|--------------|--------------|-------------|-------------|
| Intercept       | 4762418      | 216502.8712    | 21.99701992  | 3.61E-06 | 4205880.532  | 5318955.41   | 4205881     | 5318955     |
| allcusdays      | 280.1665     | 35.40018144    | 7.914267592  | 0.000518 | 189.167594   | 371.1654234  | 189.1676    | 371.1654    |
| dsnallcusdays   | 34.59156     | 3.691441924    | 9.370743569  | 0.000233 | 25.10241762  | 44.08069372  | 25.10242    | 44.08069    |
| trendallcusdays | 13.97541     | 1.395312008    | 10.01597281  | 0.00017  | 10.3896493   | 17.56216499  | 10.38865    | 17.56216    |
| 9497allcusdays  | -58.88664    | 6.086436664    | -9.675059449 | 0.0002   | -74.53229452 | -43.24097859 | -74.53229   | -43.24098   |

MISSOURI AMERICAN WATER COMPANY (ST LOUIS MONTHLY OPA) WR-2003-0500 AND WC-2004-0168

1996

MAWC NORMAL = 16036.71 GMD

| YYYY | GMD      | SHORT | NSHORT | DNSHORT | Trend  | Dummy |
|------|----------|-------|--------|---------|--------|-------|
| 1984 |          | 4.47  | 3.61   | 0.86    | (18.0) | 0.0   |
| 1985 |          | 2.87  | 3.61   | -0.74   | (17.0) | 0.0   |
| 1986 |          | 3.93  | 3.61   | 0.32    | (16.0) | 0.0   |
| 1987 |          | 4.74  | 3.61   | 1.13    | (15.0) | 0.0   |
| 1988 |          | 6.44  | 3.61   | 2.83    | (14.0) | 0.0   |
| 1989 |          | 3.42  | 3.61   | -0.19   | (13.0) | 0.0   |
| 1990 |          | 3.22  | 3.61   | -0.40   | (12.0) | 0.0   |
| 1991 | 6,366.9  | 4.95  | 3.61   | 1.34    | (11.0) | (1.0) |
| 1992 | 18,120.6 | 3.54  | 3.61   | -0.07   | (10.0) | 0.0   |
| 1993 | 13,656.2 | 1.10  | 3.61   | -2.51   | (9.0)  | 0.0   |
| 1994 | 18,323.2 | 3.88  | 3.61   | 0.27    | (8.0)  | 0.0   |
| 1995 | 15,040.8 | 2.92  | 3.61   | -0.69   | (7.0)  | 0.0   |
| 1996 | 15,181.9 | 2.82  | 3.61   | -0.79   | (6.0)  | 0.0   |
| 1997 | 17,294.9 | 3.90  | 3.61   | 0.29    | (5.0)  | 0.0   |
| 1998 | 13,357.7 | 1.73  | 3.61   | -1.88   | (4.0)  | 0.0   |
| 1999 | 19,023.2 | 4.10  | 3.61   | 0.49    | (3.0)  | 0.0   |
| 2000 | 14,043.9 | 2.66  | 3.61   | -0.95   | (2.0)  | 0.0   |
| 2001 | 15,652.1 | 3.29  | 3.61   | -0.32   | (1.0)  | 0.0   |
| 2002 | 15,344.4 | 3.71  | 3.61   | 0.10    | 0.0    | 0.0   |
| 2003 |          | 3.61  | 3.61   | 0.00    | 1.0    | 0.0   |
| 2004 |          | 3.61  | 3.61   | 0.00    | 2.0    | 0.0   |

(171.0)

|             |             |              |             |
|-------------|-------------|--------------|-------------|
| <b>5.00</b> | <b>0.40</b> | <b>3.50%</b> | <b>0.05</b> |
| OPENING     | GAIN        | DRAINED      | NEEDS       |

|                  |
|------------------|
| <b>0.6248775</b> |
| R-BarSQ          |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.8325152 |
| R Square              | 0.6930816 |
| Adjusted R Square     | 0.6248775 |
| Standard Error        | 2044.6941 |
| Observations          | 12        |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 2  | 84969038.57 | 42484519 | 10.16188 | 0.0049159      |
| Residual   | 9  | 37626967.2  | 4180774  |          |                |
| Total      | 11 | 122596005.8 |          |          |                |

|              | Coefficients | Standard Error | t Stat    | P-value  | Lower 95%    | Upper 95%   | Lower 95.0% | Upper 95.0% |
|--------------|--------------|----------------|-----------|----------|--------------|-------------|-------------|-------------|
| Intercept    | 15340.135    | 1153.363046    | 13.30035  | 3.19E-07 | 12731.0443   | 17949.22523 | 12731.0443  | 17949.22523 |
| X Variable 1 | -114.49763   | 194.9539371    | -0.587306 | 0.571436 | -555.5144137 | 326.5191488 | -555.514414 | 326.5191488 |
| X Variable 2 | 10232.683    | 2434.973893    | 4.202379  | 0.002299 | 4724.384987  | 15740.98065 | 4724.384987 | 15740.98065 |

MISSOURI AMERICAN WATER COMPANY (ST LOUIS QUARTERLY OPA) WR-2003-0500 AND WC-2004-0168

1996

MAWC NORMAL = 1576.84 GMD

| YYYY | GMD     | SHORT | NSHORT | DNSHORT | LN(Yr-1995) | Dummy |
|------|---------|-------|--------|---------|-------------|-------|
| 1984 |         | 4.47  | 3.61   | 0.86    | 0.0         | 0.0   |
| 1985 |         | 2.87  | 3.61   | -0.74   | 0.0         | 0.0   |
| 1986 |         | 3.93  | 3.61   | 0.32    | 0.0         | 0.0   |
| 1987 |         | 4.74  | 3.61   | 1.13    | 0.0         | 0.0   |
| 1988 |         | 6.44  | 3.61   | 2.83    | 0.0         | 0.0   |
| 1989 |         | 3.42  | 3.61   | -0.19   | 0.0         | 0.0   |
| 1990 |         | 3.22  | 3.61   | -0.40   | 0.0         | 0.0   |
| 1991 | 1,177.5 | 4.95  | 3.61   | 1.34    | 0.0         | 0.0   |
| 1992 | 1,057.2 | 3.54  | 3.61   | -0.07   | 0.0         | 0.0   |
| 1993 | 805.9   | 1.10  | 3.61   | -2.51   | 0.0         | 0.0   |
| 1994 | 1,090.1 | 3.88  | 3.61   | 0.27    | 0.0         | 0.0   |
| 1995 | 911.0   | 2.92  | 3.61   | -0.69   | 0.0         | 0.0   |
| 1996 | 950.2   | 2.82  | 3.61   | -0.79   | 0.0         | 0.0   |
| 1997 | 1,045.3 | 3.90  | 3.61   | 0.29    | 0.0         | 0.0   |
| 1998 | 1,246.4 | 1.73  | 3.61   | -1.88   | 0.7         | 0.0   |
| 1999 | 1,389.4 | 4.10  | 3.61   | 0.49    | 1.1         | 0.0   |
| 2000 | 1,466.5 | 2.66  | 3.61   | -0.95   | 1.4         | 0.0   |
| 2001 | 1,379.7 | 3.29  | 3.61   | -0.32   | 1.6         | 1.0   |
| 2002 | 1,509.1 | 3.71  | 3.61   | 0.10    | 1.8         | 0.0   |
| 2003 |         | 3.61  | 3.61   | 0.00    | 1.9         | 0.0   |
| 2004 |         | 3.61  | 3.61   | 0.00    | 2.1         | 0.0   |

6.6

|         |      |         |       |
|---------|------|---------|-------|
| 5.00    | 0.40 | 3.50%   | 0.05  |
| OPENING | GAIN | DRAINED | NEEDS |

|             |
|-------------|
| 0.959730803 |
| R-BarSQ     |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9878454 |
| R Square              | 0.9758385 |
| Adjusted R Sq         | 0.9597308 |
| Standard Error        | 34.07941  |
| Observations          | 6         |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 2  | 140721.0613 | 70360.53 | 60.58219 | 0.003755661    |
| Residual   | 3  | 3484.218485 | 1161.406 |          |                |
| Total      | 5  | 144205.2798 |          |          |                |

|              | Coefficients | Standard Error | t Stat    | P-value  | Lower 95%    | Upper 95%   | Lower 95.0% | Upper 95.0% |
|--------------|--------------|----------------|-----------|----------|--------------|-------------|-------------|-------------|
| Intercept    | 1061.2746    | 29.02888602    | 36.55926  | 4.5E-05  | 968.8916195  | 1153.657535 | 968.8916195 | 1153.657535 |
| X Variable 1 | 271.70334    | 24.8562387     | 10.93099  | 0.001639 | 192.5996225  | 350.807061  | 192.5996225 | 350.807061  |
| X Variable 2 | -118.8704    | 40.34511656    | -2.946339 | 0.060202 | -247.2666843 | 9.525890883 | -247.266684 | 9.525890883 |

MISSOURI AMERICAN WATER COMPANY (WARRENSBURG RESIDENTIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 181.87 GMD

| YYYY | GMD   | SHORT | NSHORT | TREND  |
|------|-------|-------|--------|--------|
| 1984 | 196.9 | 10.67 | 11.04  | (18.0) |
| 1985 | 182.2 | 10.76 | 11.04  | (17.0) |
| 1986 | 174.9 | 11.86 | 11.04  | (16.0) |
| 1987 | 185.5 | 12.15 | 11.04  | (15.0) |
| 1988 | 202.8 | 11.46 | 11.04  | (14.0) |
| 1989 | 180.9 | 10.74 | 11.04  | (13.0) |
| 1990 | 195.9 | 11.44 | 11.04  | (12.0) |
| 1991 | 181.1 | 11.26 | 11.04  | (11.0) |
| 1992 | 197.3 | 10.24 | 11.04  | (10.0) |
| 1993 | 172.4 | 11.22 | 11.04  | (9.0)  |
| 1994 | 191.8 | 10.78 | 11.04  | (8.0)  |
| 1995 | 199.8 | 11.32 | 11.04  | (7.0)  |
| 1996 | 170.2 | 11.17 | 11.04  | (6.0)  |
| 1997 | 185.2 | 10.88 | 11.04  | (5.0)  |
| 1998 | 178.5 | 11.92 | 11.04  | (4.0)  |
| 1999 | 186.7 | 11.20 | 11.04  | (3.0)  |
| 2000 | 182.9 | 11.48 | 11.04  | (2.0)  |
| 2001 | 169.5 | 7.50  | 11.04  | (1.0)  |
| 2002 | 181.9 | 13.59 | 11.04  | 0.0    |
| 2003 |       | 11.04 | 11.04  | 1.0    |
| 2004 |       | 11.04 | 11.04  | 2.0    |

|             |             |              |             |
|-------------|-------------|--------------|-------------|
| <b>5.00</b> | <b>0.90</b> | <b>2.00%</b> | <b>0.06</b> |
| OPENING     | GAIN        | DRAINED      | NEEDS       |

|                |
|----------------|
| <b>0.04733</b> |
| R-BarSQ        |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.3166391 |
| R Square              | 0.1002603 |
| Adjusted R Square     | 0.0473344 |
| Standard Error        | 9.7969412 |
| Observations          | 19        |

ANOVA

|            | df | SS          | MS       | F        | Significance F |
|------------|----|-------------|----------|----------|----------------|
| Regression | 1  | 181.8201848 | 181.8202 | 1.894354 | 0.18657162     |
| Residual   | 17 | 1631.660959 | 95.98006 |          |                |
| Total      | 18 | 1813.481144 |          |          |                |

|           | Coefficients | Standard Error | t Stat    | P-value  | Lower 95%   | Upper 95%   |
|-----------|--------------|----------------|-----------|----------|-------------|-------------|
| Intercept | 179.99632    | 4.323291928    | 41.63409  | 1.49E-18 | 170.8749542 | 189.117677  |
| TREND     | -0.5647856   | 0.41034871     | -1.376355 | 0.186572 | -1.43054692 | 0.300975704 |

MISSOURI AMERICAN WATER COMPANY (WARRENSBURG COMMERCIAL) WR-2003-0500 AND WC-2004-0168

MAWC NORMAL = 804.14 GMD

| YYYY | GMD     | SHORT | NSHORT | DUMMIES | SHIFT2K | SHIFT95 |
|------|---------|-------|--------|---------|---------|---------|
| 1984 | 875.1   | 10.67 | 11.04  | 0.0     | 1.0     | 1.0     |
| 1985 | 845.8   | 10.76 | 11.04  | (0.2)   | 1.0     | 1.0     |
| 1986 | 797.1   | 11.86 | 11.04  | (0.6)   | 1.0     | 1.0     |
| 1987 | 808.2   | 12.15 | 11.04  | (0.5)   | 1.0     | 1.0     |
| 1988 | 889.8   | 11.46 | 11.04  | 0.0     | 1.0     | 1.0     |
| 1989 | 891.7   | 10.74 | 11.04  | 0.0     | 1.0     | 1.0     |
| 1990 | 878.8   | 11.44 | 11.04  | 0.0     | 1.0     | 1.0     |
| 1991 | 871.8   | 11.26 | 11.04  | 0.0     | 1.0     | 1.0     |
| 1992 | 931.6   | 10.24 | 11.04  | 0.4     | 1.0     | 1.0     |
| 1993 | 944.2   | 11.22 | 11.04  | 0.5     | 1.0     | 1.0     |
| 1994 | 930.8   | 10.78 | 11.04  | 0.4     | 1.0     | 1.0     |
| 1995 | 1,003.8 | 11.32 | 11.04  | 1.0     | 1.0     | 1.0     |
| 1996 | 836.3   | 11.17 | 11.04  | 0.0     | 1.0     | 0.0     |
| 1997 | 856.0   | 10.88 | 11.04  | 0.1     | 1.0     | 0.0     |
| 1998 | 846.4   | 11.92 | 11.04  | 0.1     | 1.0     | 0.0     |
| 1999 | 856.0   | 11.20 | 11.04  | 0.1     | 1.0     | 0.0     |
| 2000 | 853.3   | 11.48 | 11.04  | 0.1     | 1.0     | 0.0     |
| 2001 | 822.6   | 7.50  | 11.04  | 0.0     | 0.0     | 0.0     |
| 2002 | 824.4   | 13.59 | 11.04  | 0.0     | 0.0     | 0.0     |
| 2003 |         | 11.04 | 11.04  | 0.0     | 0.0     | 0.0     |
| 2004 |         | 11.04 | 11.04  | 0.0     | 0.0     | 0.0     |

|         |      |         |       |           |
|---------|------|---------|-------|-----------|
| 5.00    | 0.90 | 2.00%   | 0.06  | 0.9866601 |
| OPENING | GAIN | DRAINED | NEEDS | R-BarSQ   |

SUMMARY OUTPUT

| Regression Statistics |           |
|-----------------------|-----------|
| Multiple R            | 0.9944262 |
| R Square              | 0.9888834 |
| Adjusted R Square     | 0.9866601 |
| Standard Error        | 5.9778969 |
| Observations          | 19        |

| ANOVA      |    |             |          |          |                |
|------------|----|-------------|----------|----------|----------------|
|            | df | SS          | MS       | F        | Significance F |
| Regression | 3  | 47682.81561 | 15894.27 | 444.7785 | 7.13552E-15    |
| Residual   | 15 | 536.028767  | 35.73525 |          |                |
| Total      | 18 | 48218.84438 |          |          |                |

|           | Coefficients | Standard Error | t Stat   | P-value  | Lower 95%   | Upper 95%   | Lower 95.0% | Upper 95.0% |
|-----------|--------------|----------------|----------|----------|-------------|-------------|-------------|-------------|
| Intercept | 823.47328    | 4.227011423    | 194.8122 | 6.05E-27 | 814.4636085 | 832.4829427 | 814.4636085 | 832.4829427 |
| DUMMIES   | 131.30483    | 4.081957873    | 32.16712 | 2.97E-15 | 122.6043366 | 140.0053218 | 122.6043366 | 140.0053218 |
| SHIFT2K   | 15.623852    | 5.012116821    | 3.117216 | 0.007064 | 4.940771779 | 26.30693315 | 4.940771779 | 26.30693315 |
| SHIFT95   | 39.013625    | 3.182007693    | 12.26069 | 3.22E-09 | 32.23133237 | 45.79591841 | 32.23133237 | 45.79591841 |