



# City of Santa Fe, New Mexico

200 Lincoln Avenue, P.O. Box 909, Santa Fe, N.M. 87504-0909

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*Javier M. Gonzales, Mayor*

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Mike Harris, Dist. 4

Ramona Martinez  
OFFICE OF THE STATE ENGINEER  
P.O. BOX 25102  
SANTA FE, N.M. 87504-5102

Re: Diversion Report for October 2017

Dear Ms. Martinez:

Submitted for your information is the following water supply data for the Santa Fe water system. All information is reported in millions of gallons and meter readings are for the end of the month.

### CITY WELLS

| Permit # |                      | M.G.   | Ac.Ft. | Meter |
|----------|----------------------|--------|--------|-------|
| RG-1113  | Alto                 | 0.331  | 1.02   | 986   |
| RG-1115  | Torreon              | 3.659  | 11.23  | 43222 |
| RG-1116  | Ferguson             | 0.440  | 1.35   | 5460  |
| RG-1117  | Santa Fe             | 0.000  | 0.00   | 0     |
| RG-1118  | Agua Fria            | 0.000  | 0.00   | 6890  |
| RG-68302 | Northwest            | 6.283  | 19.28  | 81977 |
| RG-81092 | Santa Fe Remediation |        |        |       |
|          | TOTAL CITY WELLS     | 10.713 | 32.88  |       |

### SURFACE SUPPLY

|            |                 |        |        |        |
|------------|-----------------|--------|--------|--------|
| 01278/1677 | Treatment Plant | 91.715 | 281.46 | 929013 |
| RG-304     | St. Michaels    | 1.084  | 3.33   | 32474  |
|            | TOTAL SURFACE   | 92.799 | 284.79 |        |

### BUCKMAN WELLS

|               |                     |       |       |        |
|---------------|---------------------|-------|-------|--------|
| RG-20516-S    | Buckman #3          | 0.000 | 0.00  | 0      |
| RG-20516-S-2  | Buckman #4          | 0.000 | 0.00  | 9694   |
| RG-20516-S-3  | Buckman #5          | 0.000 | 0.00  | 0      |
| RG-20516-S-4  | Buckman #6          | 0.000 | 0.00  | 71337  |
| RG-20516-S-5  | Buckman #1          | 8.843 | 27.14 | 105696 |
| RG-20516-S-6  | Buckman #2          | 0.000 | 0.00  | 0      |
| RG-20516-S-7  | Buckman #7          | 0.000 | 0.00  | 64     |
| RG-20516-S-8  | Buckman #8          | 0.000 | 0.00  | 19618  |
| RG-20516-S-9  | Buckman #9          | 0.000 | 0.00  | 14     |
| RG-20516-S-10 | Buckman #10         | 0.000 | 0.00  | 16     |
| RG-20516-S-11 | Buckman #11         | 0.000 | 0.00  | 1721   |
| RG-20516-S-12 | Buckman #12         | 0.000 | 0.00  | 1      |
| RG-20516-S-13 | Buckman #13         | 0.000 | 0.00  | 3561   |
|               | TOTAL BUCKMAN WELLS | 8.843 | 27.14 |        |

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## OTHER WELLS

|            |                     |        |        |       |
|------------|---------------------|--------|--------|-------|
| RG-304-S   | Osage               | 0.0000 | 0.0000 | 0     |
| RG-5631    | Waste Water Well    | 0.0000 | 0.0000 | 42466 |
| RG-66978   | Marty Sanchez Links | 0.0781 | 0.2397 | 9594  |
| RG-66978-S | MRC Well South      | 0.0140 | 0.0430 | 3706  |
|            | TOTAL OTHER WELLS   | 0.0921 | 0.2826 |       |

All of the following data is for the end of the month.

## WELL DEPTHS

| Permit #      |             | Depth       |
|---------------|-------------|-------------|
| N/A           | Permit      | Feet        |
| RG-20516-S-9  | Buckman #9  | 198.70 Feet |
| RG-20516-S-10 | Buckman #10 | 327.90 Feet |
| RG-20516-S-11 | Buckman #11 | 389.50 Feet |
| RG-20516-S-12 | Buckman #12 | 340.50 Feet |
| RG-20516-S-13 | Buckman #13 | 313.80 Feet |
| RG-21318      | Skillet     | 217.80 Feet |
| RG-68302      | Northwest   | 474.30 Feet |

## CANYON INFORMATION

|                                        | MG<br>Current | MG<br>Last Year | Ac.Ft<br>Current | AC.Ft<br>Last Year |
|----------------------------------------|---------------|-----------------|------------------|--------------------|
| McClure (1061 MG/3257 Ac.Ft. Capacity) | 478           | 183             | 1467.8           | 561.4              |
| Nichols (223 MG/684 Ac.Ft. Capacity)   | 152           | 118             | 467.5            | 362.7              |
| Total (1284 MG/3941 Ac.Ft. Capacity)   | 631           | 301             | 1935.3           | 924.1              |
| Acequia Ditch Release                  | 2.960         | 3.171           | 9.08             | 9.73               |
| Average Daily Flow into McClure        | 7.214         | 0.947           | 22.14            | 2.91               |

Sincerely,



Rick Carpenter  
Director, Sangre De Cristo Water

cc: Mike Johnson, OSE  
Doug Rappuhn, OSE  
Annie Apodaca, USFS  
Flora Martinez, SDCW Div.  
Marcos Martinez, COSF

SANGRE DE CRISTO WATER  
MONTHLY WATER REPORT IN ACRE FEET  
October 2017

|                                | Current<br>month | Previous<br>month | This Month<br>Last Year | Current<br>y-t-d | Previous<br>y-t-d |
|--------------------------------|------------------|-------------------|-------------------------|------------------|-------------------|
| <b>Surface Production</b>      |                  |                   |                         |                  |                   |
| Treatment Plant                | 281.46           | 376.19            | 44.56                   | 2858.93          | 2845.30           |
| St. Michaels                   | 3.33             | 13.37             | 29.91                   | 100.58           | 88.50             |
| TOTAL                          | 284.79           | 389.55            | 74.47                   | 2959.52          | 2933.80           |
| <b>CITY WELL PRODUCTION</b>    |                  |                   |                         |                  |                   |
| Agua Fria                      | 0.00             | 0.00              | 68.78                   | 21.14            | 80.25             |
| Alto                           | 1.02             | 0.00              | 0.33                    | 3.07             | 2.65              |
| Ferguson                       | 1.35             | 0.26              | 6.17                    | 17.19            | 16.20             |
| Santa Fe                       | 0.00             | 0.00              | 0.00                    | 0.00             | 0.00              |
| Torreon                        | 11.23            | 4.02              | 12.21                   | 132.64           | 54.89             |
| Northwest                      | 19.28            | 29.94             | 4.00                    | 251.77           | 373.07            |
| TOTAL                          | 32.88            | 34.21             | 110.36                  | 425.81           | 550.43            |
| Osage                          | 0.00             | 0.00              | 18.87                   | 0.00             | 23.35             |
| <b>BUCKMAN WELL PRODUCTION</b> |                  |                   |                         |                  |                   |
| Buckman #1                     | 27.14            | 9.31              | 3.58                    | 324.37           | 229.31            |
| Buckman #2                     | 0.00             | 0.00              | 0.00                    | 0.00             | 0.00              |
| Buckman #3                     | 0.00             | 0.00              | 0.00                    | 0.00             | 37.16             |
| Buckman #4                     | 0.00             | 0.00              | 2.23                    | 29.75            | 85.96             |
| Buckman #5                     | 0.00             | 0.00              | 0.00                    | 0.00             | 0.01              |
| Buckman #6                     | 0.00             | 0.00              | 3.52                    | 218.92           | 207.55            |
| Buckman #7                     | 0.00             | 0.20              | 0.00                    | 0.20             | 89.25             |
| Buckman #8                     | 0.00             | 0.00              | 0.00                    | 60.21            | 144.87            |
| Buckman #9                     | 0.00             | 0.00              | 0.00                    | 0.04             | 19.23             |
| Buckman #10                    | 0.00             | 0.00              | 2.97                    | 0.05             | 28.69             |
| Buckman #11                    | 0.00             | 0.00              | 0.00                    | 5.28             | 4.41              |
| Buckman #12                    | 0.00             | 0.00              | 0.26                    | 0.00             | 29.59             |
| Buckman #13                    | 0.00             | 8.04              | 0.00                    | 10.92            | 27.60             |
| TOTAL                          | 27.14            | 17.54             | 12.56                   | 649.74           | 903.63            |

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**CANYON INFORMATION - Reservoir information as recorded last Day in the month**

| RESERVOIR                       | Current<br>Month | Previous<br>Month | This Month<br>Last Year |
|---------------------------------|------------------|-------------------|-------------------------|
| MCCLURE (1061 MG Capacity)      | 1467.75          | 1200.36           | 561.42                  |
| NICHOLS (223 MG Capacity)       | 467.51           | 326.19            | 362.71                  |
| TOTAL STORAGE                   | 1935.27          | 1526.55           | 924.13                  |
| ACEQUIA DITCH RELEASE           | 9.08             | 26.13             | 9.73                    |
| AVERAGE DAILY FLOW INTO MCCLURE | 22.14            | 8.81              | 2.91                    |

Signed Alex A. Puglisi, Sangre De Cristo Water - Operations Manager

Signed [Signature], Sangre De Cristo Water - Director

SANGRE DE CRISTO WATER  
MONTHLY WATER REPORT IN MILLIONS OF GALLONS  
October 2017

|                                | Current<br>month | Previous<br>month | This Month<br>Last Year | Current<br>y-t-d | Previous<br>y-t-d |
|--------------------------------|------------------|-------------------|-------------------------|------------------|-------------------|
| <b>Surface Production</b>      |                  |                   |                         |                  |                   |
| Treatment Plant                | 91.715           | 122.581           | 14.520                  | 931.587          | 927.146           |
| St. Michaels                   | 1.084            | 4.356             | 9.747                   | 32.775           | 28.837            |
| TOTAL                          | 92.799           | 126.937           | 24.267                  | 964.362          | 955.983           |
| <b>CITY WELL PRODUCTION</b>    |                  |                   |                         |                  |                   |
| Agua Fria                      | 0.000            | 0.000             | 22.413                  | 6.890            | 26.150            |
| Alto                           | 0.331            | 0.000             | 0.107                   | 0.999            | 0.865             |
| Ferguson                       | 0.440            | 0.084             | 2.011                   | 5.603            | 5.280             |
| Santa Fe                       | 0.000            | 0.000             | 0.000                   | 0.000            | 0.000             |
| Torreon                        | 3.659            | 1.310             | 3.979                   | 43.221           | 17.887            |
| Northwest                      | 6.283            | 9.755             | 1.302                   | 82.039           | 121.567           |
| TOTAL                          | 10.713           | 11.149            | 35.962                  | 138.752          | 179.359           |
| Osage                          | 0.000            | 0.000             | 6.150                   | 0.000            | 7.610             |
| <b>BUCKMAN WELL PRODUCTION</b> |                  |                   |                         |                  |                   |
| Buckman #1                     | 8.843            | 3.034             | 1.166                   | 105.696          | 74.720            |
| Buckman #2                     | 0.000            | 0.000             | 0.000                   | 0.000            | 0.000             |
| Buckman #3                     | 0.000            | 0.000             | 0.000                   | 0.000            | 12.108            |
| Buckman #4                     | 0.000            | 0.000             | 0.727                   | 9.694            | 28.009            |
| Buckman #5                     | 0.000            | 0.000             | 0.000                   | 0.000            | 0.004             |
| Buckman #6                     | 0.000            | 0.000             | 1.148                   | 71.337           | 67.632            |
| Buckman #7                     | 0.000            | 0.064             | 0.000                   | 0.064            | 29.081            |
| Buckman #8                     | 0.000            | 0.000             | 0.000                   | 19.618           | 47.206            |
| Buckman #9                     | 0.000            | 0.000             | 0.000                   | 0.014            | 6.267             |
| Buckman #10                    | 0.000            | 0.000             | 0.968                   | 0.016            | 9.349             |
| Buckman #11                    | 0.000            | 0.000             | 0.000                   | 1.721            | 1.436             |
| Buckman #12                    | 0.000            | 0.000             | 0.084                   | 0.001            | 9.642             |
| Buckman #13                    | 0.000            | 2.619             | 0.000                   | 3.559            | 8.995             |
| TOTAL                          | 8.843            | 5.717             | 4.093                   | 211.720          | 294.449           |

CANYON INFORMATION - Reservoir information as recorded last Day in the month

| RESERVOIR                       | Current<br>Month | Previous<br>Month | This Month<br>Last Year |
|---------------------------------|------------------|-------------------|-------------------------|
| MCCLURE (1061 MG Capacity)      | 478              | 391               | 183                     |
| NICHOLS (223 MG Capacity)       | 152              | 106               | 118                     |
| TOTAL STORAGE                   | 631              | 497               | 301                     |
| ACEQUIA DITCH RELEASE           | 2.960            | 8.514             | 3.171                   |
| AVERAGE DAILY FLOW INTO MCCLURE | 7.214            | 2.872             | 0.947                   |

Signed Alex A. Puglisi, Sangre De Cristo Water - Operations Manager

Signed [Signature], Sangre De Cristo Water - Director

# Northwest

Report Date: 10/31/2017

| Date         | NW Mtr Flow<br>Mgd Formula | NW Mtr<br>HoursRan<br>HRS/DAY<br>Formula | NW Mtr Flow<br>Gpm Formula | NW Mtr Hour<br>Meter Daily | NW Mtr Flow<br>Meter Daily | NW Mtr Well<br>Depth |
|--------------|----------------------------|------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| 10/01        | 0.933                      | 16.0                                     | 972                        | 41224                      | 76627                      |                      |
| 10/02        | 0.000                      | 0.0                                      |                            | 41224                      | 76627                      |                      |
| 10/03        | 0.777                      | 13.0                                     | 996                        | 41237                      | 77404                      |                      |
| 10/04        | 0.955                      | 17.0                                     | 936                        | 41254                      | 78359                      |                      |
| 10/05        | 0.837                      | 14.0                                     | 996                        | 41268                      | 79196                      |                      |
| 10/06        | 1.392                      | 24.0                                     | 967                        | 41292                      | 80588                      |                      |
| 10/07        | 0.372                      | 6.0                                      | 1033                       | 41298                      | 80960                      |                      |
| 10/08        | 0.000                      | 0.0                                      |                            | 41298                      | 80960                      |                      |
| 10/09        | 0.000                      | 0.0                                      |                            | 41298                      | 80960                      |                      |
| 10/10        | 0.000                      | 0.0                                      |                            | 41298                      | 80960                      |                      |
| 10/11        | 0.000                      | 0.0                                      |                            | 41298                      | 80960                      |                      |
| 10/12        | 0.111                      | 2.0                                      | 925                        | 41300                      | 81071                      |                      |
| 10/13        | 0.587                      | 10.0                                     | 978                        | 41310                      | 81658                      |                      |
| 10/14        | 0.319                      | 6.0                                      | 886                        | 41316                      | 81977                      |                      |
| 10/15        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/16        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/17        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/18        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/19        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/20        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/21        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/22        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/23        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/24        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/25        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/26        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/27        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/28        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/29        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/30        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 10/31        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      | 474.30               |
| <b>Total</b> | <b>6.283</b>               | <b>108.0</b>                             |                            |                            |                            |                      |

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## Well 10

Report Date: 10/31/2017

| Date         | BW10 Mtr<br>Flow Mgd | BW10 Mtr<br>HRS/DAY | BW10 Mtr<br>Flow Gpm | BW10 Mtr<br>Hour Readings | BW10 Mtr<br>Meter | BW10 Mtr<br>Well Depth |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 10/01        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/02        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/03        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/04        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/05        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/06        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/07        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/08        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/09        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/10        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/11        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/12        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/13        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/14        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/15        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/16        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/17        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/18        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/19        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/20        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/21        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/22        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/23        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/24        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/25        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/26        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/27        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/28        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/29        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/30        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 10/31        | 0.000                | 0.0                 |                      | 2662                      | 16                | 327.90                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

# Well 11

Report Date: 10/31/2017

| Date         | BW11 Mtr<br>Flow Mgd | BW11 Mtr<br>HRS/DAY | BW11 Mtr<br>Flow Gpm | BW11 Mtr<br>Hour Readings | BW11 Mtr<br>Meter | BW11 Mtr<br>Well Depth |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 10/01        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/02        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/03        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/04        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/05        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/06        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/07        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/08        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/09        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/10        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/11        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/12        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/13        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/14        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/15        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/16        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/17        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/18        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/19        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/20        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/21        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/22        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/23        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/24        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/25        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/26        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/27        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/28        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/29        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/30        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 10/31        | 0.000                | 0.0                 |                      | 8011                      | 1721              | 389.50                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

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## Well 12

Report Date: 10/31/2017

| Date         | BW12 Mtr<br>Flow Mgd | BW12 Mtr<br>HRS/DAY | BW12 Mtr<br>Flow Gpm | BW12 Mtr<br>Hour Readings | BW12 Mtr<br>Meter | BW12 Mtr<br>Well Depth |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 10/01        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/02        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/03        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/04        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/05        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/06        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/07        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/08        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/09        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/10        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/11        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/12        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/13        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/14        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/15        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/16        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/17        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/18        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/19        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/20        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/21        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/22        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/23        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/24        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/25        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/26        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/27        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/28        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/29        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/30        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 10/31        | 0.000                | 0.0                 |                      | 7774                      | 1                 | 340.50                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

## Well 13

Report Date: 10/31/2017

| Date         | BW13 Mtr<br>Flow Mgd | BW13 Mtr<br>HRS/DAY | BW13 Mtr<br>Flow Gpm | BW13 Mtr<br>Hour Readings | BW13 Mtr<br>Meter | BW13 Mtr<br>Well Depth |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 10/01        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/02        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/03        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/04        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/05        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/06        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/07        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/08        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/09        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/10        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/11        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/12        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/13        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/14        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/15        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/16        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/17        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/18        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/19        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/20        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/21        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/22        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/23        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/24        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/25        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/26        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/27        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/28        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/29        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/30        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 10/31        | 0.000                | 0.0                 |                      | 4275                      | 3561              | 313.80                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

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## Well 9

Report Date: 10/31/2017

| Date         | BW9 Mtr Flow<br>Mgd | BW9 Mtr<br>HRS/DAY | BW9 Mtr Flow<br>Gpm | BW9 Mtr Hour<br>Readings | BW9 Mtr<br>Meter | BW9 Mtr Well<br>Depth |
|--------------|---------------------|--------------------|---------------------|--------------------------|------------------|-----------------------|
| 10/01        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/02        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/03        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/04        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/05        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/06        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/07        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/08        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/09        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/10        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/11        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/12        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/13        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/14        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/15        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/16        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/17        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/18        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/19        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/20        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/21        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/22        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/23        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/24        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/25        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/26        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/27        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/28        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/29        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/30        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 10/31        | 0.000               | 0.0                |                     | 995                      | 14               | 198.70                |
| <b>Total</b> | <b>0.000</b>        | <b>0.0</b>         |                     |                          |                  |                       |

SANGRE DE CRISTO WATER

Monthly Well Report

October 2017

|        |           |         |          |          |           |           |         |
|--------|-----------|---------|----------|----------|-----------|-----------|---------|
|        | Alto      | Torreon | Ferguson | Santa Fe | Agua Fria | Northwest | Osage   |
| Depth  | 201.00    | 198.70  | 224.70   |          | 164.00    | 474.30    | 124.80  |
| Status | OFF       | OFF     | OFF      | OFF      | OFF       | OFF       | OFF     |
|        | St. Mikes | Well 1  | Well 2   | Well 3   | Well 4    | Well 5    | Well 6  |
| Depth  | 254.00    | 15.70   | 219.00   | 191.80   | 42.60     | 121.30    | 110.40  |
| Status | OFF       | OFF     | OFF      | OFF      | OFF       | OFF       | OFF     |
|        | Well 7    | Well 8  | Well 9   | Well 10  | Well 11   | Well 12   | Well 13 |
| Depth  | 70.60     | 11.80   | 198.70   | 327.90   | 389.50    | 340.50    | 313.80  |
| Status | OFF       | OFF     | OFF      | OFF      | OFF       | OFF       | OFF     |
|        | Skillet   | Permit  | Hickox 1 | Hickox 2 | Well      |           |         |
| Depth  | 217.80    |         | 222.00   | 219.20   |           |           |         |

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cc: Doug Rappuhn, OSE

# BDD Production Summary October 2017

| Date         | Booster 4A<br>MGD | Booster 5A<br>MGD | Total BDD<br>MGD | Total BDD<br>Ac.Ft. | BOOSTER 4A       |            |            |              | BOOSTER 5A       |            |            |              |
|--------------|-------------------|-------------------|------------------|---------------------|------------------|------------|------------|--------------|------------------|------------|------------|--------------|
|              |                   |                   |                  |                     | Cl2 Free<br>mg/L | pH<br>S.U. | FI<br>mg/L | Zinc<br>mg/L | Cl2 Free<br>mg/L | pH<br>S.U. | FI<br>mg/L | Zinc<br>mg/L |
| 01-Oct       | 0.000             | 0.426             | 0.426            | 1.308               | 1.12             | 7.7        | 0.73       | 0.5          | 1.13             | 7.7        | 0.41       | 0.5          |
| 02-Oct       | 1.336             | 2.175             | 3.511            | 10.774              | 1.09             | 7.7        | 0.74       | 0.5          | 1.12             | 7.7        | 0.72       | 0.5          |
| 03-Oct       | 1.942             | 2.637             | 4.580            | 14.053              | 1.01             | 7.8        | 0.81       | 0.5          | 1.03             | 7.8        | 0.78       | 0.5          |
| 04-Oct       | 1.753             | 2.289             | 4.042            | 12.403              | 1.00             | 7.9        | 0.90       | 0.5          | 0.91             | 7.9        | 0.79       | 0.5          |
| 05-Oct       | 0.651             | 1.887             | 2.538            | 7.788               | 1.07             | 7.8        | 0.69       | 0.5          | 1.01             | 7.8        | 0.82       | 0.5          |
| 06-Oct       | 0.000             | 1.850             | 1.850            | 5.678               | 1.07             | 7.8        | 0.69       | 0.5          | 0.91             | 7.8        | 0.76       | 0.5          |
| 07-Oct       | 2.052             | 1.878             | 3.930            | 12.060              | 1.02             | 7.8        | 0.95       | 0.5          | 0.98             | 7.9        | 0.81       | 0.5          |
| 08-Oct       | 3.847             | 1.801             | 5.649            | 17.333              | 1.00             | 7.7        | 0.69       | 0.5          | 1.01             | 7.8        | 0.67       | 0.5          |
| 09-Oct       | 3.928             | 1.935             | 5.863            | 17.991              | 1.21             | 7.7        | 0.70       | 0.5          | 1.23             | 7.7        | 0.66       | 0.5          |
| 10-Oct       | 3.929             | 1.908             | 5.837            | 17.909              | 1.21             | 7.8        | 0.76       | 0.5          | 1.17             | 7.7        | 0.66       | 0.5          |
| 11-Oct       | 3.788             | 1.910             | 5.699            | 17.486              | 1.00             | 8.0        | 0.68       | 0.5          | 0.98             | 7.8        | 0.66       | 0.5          |
| 12-Oct       | 3.760             | 1.827             | 5.587            | 17.143              | 1.06             | 7.9        | 0.72       | 0.5          | 1.00             | 7.7        | 0.65       | 0.5          |
| 13-Oct       | 5.674             | 1.864             | 7.538            | 23.129              | 1.07             | 7.9        | 0.73       | 0.5          | 1.08             | 7.7        | 0.65       | 0.5          |
| 14-Oct       | 5.592             | 1.870             | 7.462            | 22.897              | 1.11             | 7.9        | 0.76       | 0.5          | 1.08             | 7.7        | 0.70       | 0.5          |
| 15-Oct       | 4.256             | 1.795             | 6.051            | 18.567              | 1.09             | 7.8        | 0.75       | 0.5          | 1.09             | 7.8        | 0.62       | 0.5          |
| 16-Oct       | 3.928             | 1.926             | 5.854            | 17.963              | 1.11             | 7.9        | 0.79       | 0.5          | 1.14             | 7.8        | 0.68       | 0.5          |
| 17-Oct       | 3.928             | 1.878             | 5.807            | 17.818              | 1.21             | 8.0        | 0.84       | 0.5          | 1.37             | 7.9        | 0.70       | 0.5          |
| 18-Oct       | 3.928             | 1.855             | 5.783            | 17.745              | 1.08             | 7.7        | 0.81       | 0.5          | 1.03             | 7.7        | 0.71       | 0.5          |
| 19-Oct       | 2.705             | 1.767             | 4.472            | 13.723              | 1.07             | 7.9        | 0.79       | 0.5          | 1.09             | 7.9        | 0.76       | 0.5          |
| 20-Oct       | 2.361             | 1.446             | 3.807            | 11.683              | 1.10             | 7.8        | 0.70       | 0.5          | 1.00             | 7.7        | 0.69       | 0.5          |
| 21-Oct       | 2.543             | 1.513             | 4.056            | 12.446              | 1.18             | 7.7        | 0.70       | 0.5          | 1.23             | 7.7        | 0.70       | 0.5          |
| 22-Oct       | 2.428             | 1.676             | 4.104            | 12.593              | 1.13             | 7.7        | 0.69       | 0.5          | 1.16             | 7.7        | 0.71       | 0.5          |
| 23-Oct       | 2.427             | 1.712             | 4.139            | 12.700              | 1.04             | 7.9        | 0.76       | 0.5          | 1.09             | 7.8        | 0.68       | 0.5          |
| 24-Oct       | 2.162             | 1.869             | 4.030            | 12.367              | 1.15             | 7.7        | 0.72       | 0.5          | 1.16             | 7.6        | 0.67       | 0.5          |
| 25-Oct       | 1.600             | 1.772             | 3.372            | 10.347              | 1.15             | 7.6        | 0.72       | 0.5          | 1.15             | 7.6        | 0.72       | 0.5          |
| 26-Oct       | 1.456             | 1.773             | 3.228            | 9.907               | 1.10             | 7.7        | 0.74       | 0.5          | 1.09             | 7.7        | 0.68       | 0.5          |
| 27-Oct       | 1.459             | 1.805             | 3.265            | 10.018              | 1.06             | 7.8        | 0.79       | 0.5          | 1.07             | 7.7        | 0.69       | 0.5          |
| 28-Oct       | 1.457             | 1.684             | 3.141            | 9.638               | 1.04             | 7.8        | 0.79       | 0.5          | 1.07             | 7.8        | 0.75       | 0.5          |
| 29-Oct       | 1.458             | 1.740             | 3.198            | 9.813               | 1.11             | 7.9        | 0.82       | 0.5          | 1.15             | 7.8        | 0.73       | 0.5          |
| 30-Oct       | 1.460             | 1.720             | 3.180            | 9.759               | 1.03             | 7.8        | 0.52       | 0.5          | 1.07             | 7.7        | 0.59       | 0.5          |
| 31-Oct       | 1.460             | 1.515             | 2.975            | 9.129               | 1.02             | 7.8        | 0.53       | 0.5          | 1.07             | 7.7        | 0.60       | 0.5          |
| <b>TOTAL</b> | <b>79.270</b>     | <b>55.704</b>     | <b>134.974</b>   | <b>414.167</b>      |                  |            |            |              |                  |            |            |              |