



# City of Santa Fe, New Mexico

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

*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 November 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                 | 0.195 | 0.60   | 1181  |
| RG-1115  | Torreon              | 0.635 | 1.95   | 43857 |
| RG-1116  | Ferguson             | 0.172 | 0.53   | 5632  |
| RG-1117  | Santa Fe             | 0.000 | 0.00   | 0     |
| RG-1118  | Agua Fria            | 1.350 | 4.14   | 8240  |
| RG-68302 | Northwest            | 0.000 | 0.00   | 81977 |
| RG-81092 | Santa Fe Remediation |       |        |       |
|          | TOTAL CITY WELLS     | 2.352 | 7.22   |       |

## SURFACE SUPPLY

|            |                 | M.G.   | Ac.Ft. | Meter   |
|------------|-----------------|--------|--------|---------|
| 01278/1677 | Treatment Plant | 92.767 | 284.69 | 1021780 |
| RG-304     | St. Michaels    | 1.925  | 5.91   | 34399   |
|            | TOTAL SURFACE   | 94.692 | 290.60 |         |

## BUCKMAN WELLS

|               |                     | M.G.  | Ac.Ft. | Meter  |
|---------------|---------------------|-------|--------|--------|
| RG-20516-S    | Buckman #3          | 0.003 | 0.01   | 143    |
| 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          | 0.349 | 1.07   | 106097 |
| 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          | 0.843 | 2.59   | 20461  |
| 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         | 0.002 | 0.01   | 3563   |
|               | TOTAL BUCKMAN WELLS | 1.197 | 3.67   |        |

# OTHER WELLS

|            |                     |        |        |       |
|------------|---------------------|--------|--------|-------|
| RG-304-S   | Osage               | 0.5540 | 1.7002 | 554   |
| RG-5631    | Waste Water Well    | 0.0000 | 0.0000 | 42466 |
| RG-66978   | Marty Sanchez Links | 0.0136 | 0.0417 | 9608  |
| RG-66978-S | MRC Well South      | 0.0080 | 0.0246 | 3714  |
|            | TOTAL OTHER WELLS   | 0.5756 | 1.7664 |       |

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

# WELL DEPTHS

| Permit #      | Permit      | Depth<br>Feet |
|---------------|-------------|---------------|
| N/A           |             |               |
| RG-20516-S-9  | Buckman #9  | 151.30 Feet   |
| RG-20516-S-10 | Buckman #10 | 328.40 Feet   |
| RG-20516-S-11 | Buckman #11 | 388.60 Feet   |
| RG-20516-S-12 | Buckman #12 | 395.00 Feet   |
| RG-20516-S-13 | Buckman #13 | 313.40 Feet   |
| RG-21318      | Skillet     | 217.80 Feet   |
| RG-68302      | Northwest   | 472.20 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) | 472           | 192             | 1447.3           | 590.1              |
| Nichols (223 MG/684 Ac.Ft. Capacity)   | 118           | 111             | 360.7            | 342.1              |
| Total (1284 MG/3941 Ac.Ft. Capacity)   | 589           | 304             | 1808.0           | 932.2              |
| Acequia Ditch Release                  | 0.000         | 0.000           | 0.00             | 0.00               |
| Average Daily Flow into McClure        | 2.259         | 1.134           | 6.93             | 3.48               |

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

November 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                | 284.69           | 281.46            | 70.45                   | 3143.62          | 2915.75           |
| St. Michaels                   | 5.91             | 3.33              | 42.92                   | 106.49           | 131.42            |
| TOTAL                          | 290.60           | 284.79            | 113.37                  | 3250.11          | 3047.17           |
| <b>CITY WELL PRODUCTION</b>    |                  |                   |                         |                  |                   |
| Agua Fria                      | 4.14             | 0.00              | 14.19                   | 25.29            | 94.44             |
| Alto                           | 0.60             | 1.02              | 0.00                    | 3.66             | 2.65              |
| Ferguson                       | 0.53             | 1.35              | 0.00                    | 17.72            | 16.20             |
| Santa Fe                       | 0.00             | 0.00              | 0.00                    | 0.00             | 0.00              |
| Torreon                        | 1.95             | 11.23             | 52.49                   | 134.59           | 107.39            |
| Northwest                      | 0.00             | 19.28             | 0.00                    | 251.77           | 373.07            |
| TOTAL                          | 8.92             | 32.88             | 66.68                   | 434.73           | 617.11            |
| Osage                          | 1.70             | 0.00              | 0.00                    | 1.70             | 23.35             |
| <b>BUCKMAN WELL PRODUCTION</b> |                  |                   |                         |                  |                   |
| Buckman #1                     | 1.07             | 27.14             | 0.46                    | 325.44           | 229.76            |
| Buckman #2                     | 0.00             | 0.00              | 0.00                    | 0.00             | 0.00              |
| Buckman #3                     | 0.01             | 0.00              | 0.00                    | 0.01             | 37.16             |
| Buckman #4                     | 0.00             | 0.00              | 0.00                    | 29.75            | 85.96             |
| Buckman #5                     | 0.00             | 0.00              | 0.00                    | 0.00             | 0.01              |
| Buckman #6                     | 0.00             | 0.00              | 9.76                    | 218.92           | 217.31            |
| Buckman #7                     | 0.00             | 0.00              | 0.00                    | 0.20             | 89.25             |
| Buckman #8                     | 2.59             | 0.00              | 4.60                    | 62.79            | 149.47            |
| Buckman #9                     | 0.00             | 0.00              | 0.00                    | 0.04             | 19.23             |
| Buckman #10                    | 0.00             | 0.00              | 0.00                    | 0.05             | 28.69             |
| Buckman #11                    | 0.00             | 0.00              | 0.00                    | 5.28             | 4.41              |
| Buckman #12                    | 0.00             | 0.00              | 0.00                    | 0.00             | 29.59             |
| Buckman #13                    | 0.01             | 0.00              | 0.00                    | 10.93            | 27.60             |
| TOTAL                          | 3.67             | 27.14             | 14.82                   | 653.42           | 918.45            |

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)      | 1447.35          | 1467.75           | 590.12                  |
| NICHOLS (223 MG Capacity)       | 360.66           | 467.51            | 342.09                  |
| TOTAL STORAGE                   | 1808.00          | 1935.27           | 932.20                  |
| ACEQUIA DITCH RELEASE           | 0.00             | 9.08              | 0.00                    |
| AVERAGE DAILY FLOW INTO MCCLURE | 6.93             | 22.14             | 3.48                    |

Signed \_\_\_\_\_, Sangre De Cristo Water - Operations Manager

Signed \_\_\_\_\_, Sangre De Cristo Water - Director

SANGRE DE CRISTO WATER  
MONTHLY WATER REPORT IN MILLIONS OF GALLONS

November 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                | 92.767           | 91.715            | 22.957                  | 1024.354         | 950.103           |
| St. Michaels                   | 1.925            | 1.084             | 13.985                  | 34.700           | 42.822            |
| TOTAL                          | 94.692           | 92.799            | 36.942                  | 1059.054         | 992.925           |
| <b>CITY WELL PRODUCTION</b>    |                  |                   |                         |                  |                   |
| Agua Fria                      | 1.350            | 0.000             | 4.623                   | 8.240            | 30.773            |
| Alto                           | 0.195            | 0.331             | 0.000                   | 1.194            | 0.865             |
| Ferguson                       | 0.172            | 0.440             | 0.000                   | 5.775            | 5.280             |
| Santa Fe                       | 0.000            | 0.000             | 0.000                   | 0.000            | 0.000             |
| Torreon                        | 0.635            | 3.659             | 17.105                  | 43.856           | 34.992            |
| Northwest                      | 0.000            | 6.283             | 0.000                   | 82.039           | 121.567           |
| TOTAL                          | 2.906            | 10.713            | 21.728                  | 141.658          | 201.087           |
| Osage                          | 0.554            | 0.000             | 0.000                   | 0.554            | 7.610             |
| <b>BUCKMAN WELL PRODUCTION</b> |                  |                   |                         |                  |                   |
| Buckman #1                     | 0.349            | 8.843             | 0.149                   | 106.045          | 74.869            |
| Buckman #2                     | 0.000            | 0.000             | 0.000                   | 0.000            | 0.000             |
| Buckman #3                     | 0.003            | 0.000             | 0.000                   | 0.003            | 12.108            |
| Buckman #4                     | 0.000            | 0.000             | 0.000                   | 9.694            | 28.009            |
| Buckman #5                     | 0.000            | 0.000             | 0.000                   | 0.000            | 0.004             |
| Buckman #6                     | 0.000            | 0.000             | 3.180                   | 71.337           | 70.812            |
| Buckman #7                     | 0.000            | 0.000             | 0.000                   | 0.064            | 29.081            |
| Buckman #8                     | 0.843            | 0.000             | 1.499                   | 20.461           | 48.705            |
| Buckman #9                     | 0.000            | 0.000             | 0.000                   | 0.014            | 6.267             |
| Buckman #10                    | 0.000            | 0.000             | 0.000                   | 0.016            | 9.349             |
| Buckman #11                    | 0.000            | 0.000             | 0.000                   | 1.721            | 1.436             |
| Buckman #12                    | 0.000            | 0.000             | 0.000                   | 0.001            | 9.642             |
| Buckman #13                    | 0.002            | 0.000             | 0.000                   | 3.561            | 8.995             |
| TOTAL                          | 1.197            | 8.843             | 4.828                   | 212.917          | 299.277           |

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)      | 472              | 478               | 192                     |
| NICHOLS (223 MG Capacity)       | 118              | 152               | 111                     |
| TOTAL STORAGE                   | 589              | 631               | 304                     |
| ACEQUIA DITCH RELEASE           | 0.000            | 2.960             | 0.000                   |
| AVERAGE DAILY FLOW INTO MCCLURE | 2.259            | 7.214             | 1.134                   |

Signed \_\_\_\_\_, Sangre De Cristo Water - Operations Manager

Signed \_\_\_\_\_, Sangre De Cristo Water - Director

# Northwest

Report Date: 11/30/2017

| 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 |
|--------------|----------------------------|------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------|
| 11/01        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/02        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/03        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/04        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/05        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/06        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/07        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/08        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/09        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/10        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/11        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/12        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/13        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/14        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/15        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/16        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/17        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/18        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/19        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/20        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/21        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/22        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/23        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/24        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/25        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/26        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/27        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/28        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/29        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      |                      |
| 11/30        | 0.000                      | 0.0                                      |                            | 41316                      | 81977                      | 472.20               |
| <b>Total</b> | <b>0.000</b>               | <b>0.0</b>                               |                            |                            |                            |                      |

# Well 10

Report Date: 11/30/2017

| 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 |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 11/01        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/02        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/03        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/04        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/05        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/06        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/07        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/08        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/09        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/10        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/11        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/12        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/13        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/14        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/15        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/16        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/17        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/18        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/19        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/20        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/21        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/22        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/23        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/24        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/25        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/26        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/27        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/28        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/29        | 0.000                | 0.0                 |                      | 2662                      | 16                |                        |
| 11/30        | 0.000                | 0.0                 |                      | 2662                      | 16                | 328.40                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

# Well 11

Report Date: 11/30/2017

| 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 |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 11/01        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/02        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/03        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/04        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/05        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/06        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/07        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/08        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/09        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/10        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/11        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/12        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/13        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/14        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/15        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/16        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/17        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/18        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/19        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/20        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/21        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/22        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/23        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/24        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/25        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/26        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/27        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/28        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/29        | 0.000                | 0.0                 |                      | 8011                      | 1721              |                        |
| 11/30        | 0.000                | 0.0                 |                      | 8011                      | 1721              | 388.60                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

# Well 12

Report Date: 11/30/2017

| 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 |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 11/01        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/02        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/03        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/04        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/05        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/06        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/07        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/08        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/09        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/10        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/11        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/12        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/13        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/14        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/15        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/16        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/17        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/18        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/19        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/20        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/21        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/22        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/23        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/24        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/25        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/26        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/27        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/28        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/29        | 0.000                | 0.0                 |                      | 7774                      | 1                 |                        |
| 11/30        | 0.000                | 0.0                 |                      | 7774                      | 1                 | 395.00                 |
| <b>Total</b> | <b>0.000</b>         | <b>0.0</b>          |                      |                           |                   |                        |

# Well 13

Report Date: 11/30/2017

| 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 |
|--------------|----------------------|---------------------|----------------------|---------------------------|-------------------|------------------------|
| 11/01        | 0.000                | 0.0                 |                      | 4275                      | 3561              |                        |
| 11/02        | 0.002                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/03        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/04        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/05        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/06        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/07        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/08        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/09        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/10        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/11        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/12        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/13        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/14        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/15        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/16        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/17        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/18        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/19        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/20        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/21        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/22        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/23        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/24        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/25        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/26        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/27        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/28        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/29        | 0.000                | 0.0                 |                      | 4275                      | 3563              |                        |
| 11/30        | 0.000                | 0.0                 |                      | 4275                      | 3563              | 313.40                 |
| <b>Total</b> | <b>0.002</b>         | <b>0.0</b>          |                      |                           |                   |                        |

## Well 9

Report Date: 11/30/2017

| 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 |
|--------------|---------------------|--------------------|---------------------|--------------------------|------------------|-----------------------|
| 11/01        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/02        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/03        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/04        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/05        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/06        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/07        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/08        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/09        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/10        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/11        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/12        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/13        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/14        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/15        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/16        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/17        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/18        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/19        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/20        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/21        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/22        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/23        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/24        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/25        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/26        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/27        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/28        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/29        | 0.000               | 0.0                |                     | 995                      | 14               |                       |
| 11/30        | 0.000               | 0.0                |                     | 995                      | 14               | 151.30                |
| <b>Total</b> | <b>0.000</b>        | <b>0.0</b>         |                     |                          |                  |                       |

SANGRE DE CRISTO WATER

Monthly Well Report

November 2017

|        |        |         |          |          |           |           |        |
|--------|--------|---------|----------|----------|-----------|-----------|--------|
|        | Alto   | Torreon | Ferguson | Santa Fe | Agua Fria | Northwest | Osage  |
| Depth  | 201.00 | 198.00  | 220.60   | 308.70   | 164.40    | 472.20    | 115.40 |
| Status | OFF    | OFF     | OFF      | OFF      | OFF       | OFF       | OFF    |

|        |           |        |        |        |        |        |        |
|--------|-----------|--------|--------|--------|--------|--------|--------|
|        | St. Mikes | Well 1 | Well 2 | Well 3 | Well 4 | Well 5 | Well 6 |
| Depth  | 356.00    | 5.00   | 15.10  | 190.00 | 46.00  | 120.60 | 111.00 |
| Status | ON        | OFF    | OFF    | OFF    | OFF    | OFF    | OFF    |

|        |        |        |        |         |         |         |         |
|--------|--------|--------|--------|---------|---------|---------|---------|
|        | Well 7 | Well 8 | Well 9 | Well 10 | Well 11 | Well 12 | Well 13 |
| Depth  | 86.00  | 12.00  | 151.30 | 328.40  | 388.60  | 395.00  | 313.40  |
| Status | OFF    | OFF    | OFF    | OFF     | OFF     | OFF     | OFF     |

|       |         |        |          |          |      |
|-------|---------|--------|----------|----------|------|
|       | Skillet | Permit | Hickox 1 | Hickox 2 | Well |
| Depth | 217.80  |        | 220.00   | 217.50   |      |

# BDD Production Summary

## November 2017

| Date   | Booster 4A<br>MGD | Booster 5A<br>MGD | Total BDD<br>MGD | Total BDD<br>Ac.Ft. | BOOSTER 4A |  |  |      |      |      | BOOSTER 5A |     |      |          |  |     |      |      |  |      |  |  |      |  |  |      |  |
|--------|-------------------|-------------------|------------------|---------------------|------------|--|--|------|------|------|------------|-----|------|----------|--|-----|------|------|--|------|--|--|------|--|--|------|--|
|        |                   |                   |                  |                     | CI2 Free   |  |  | pH   |      |      | FI         |     |      | CI2 Free |  |     | pH   |      |  | FI   |  |  | Zinc |  |  |      |  |
|        |                   |                   |                  |                     | mg/L       |  |  | mg/L | S.U. |      | mg/L       |     |      | mg/L     |  |     | mg/L | S.U. |  | mg/L |  |  | mg/L |  |  | mg/L |  |
| 01-Nov | 1.460             | 1.563             | 3.023            | 9.276               | 1.04       |  |  | 7.9  |      | 0.54 |            | 0.5 | 1.10 |          |  | 7.8 |      | 0.60 |  | 0.5  |  |  |      |  |  |      |  |
| 02-Nov | 1.456             | 1.681             | 3.137            | 9.626               | 1.02       |  |  | 7.9  |      | 0.55 |            | 0.5 | 1.04 |          |  | 7.8 |      | 0.61 |  | 0.5  |  |  |      |  |  |      |  |
| 03-Nov | 1.460             | 1.621             | 3.081            | 9.454               | 1.17       |  |  | 7.7  |      | 0.57 |            | 0.5 | 1.07 |          |  | 7.7 |      | 0.68 |  | 0.5  |  |  |      |  |  |      |  |
| 04-Nov | 1.462             | 1.561             | 3.023            | 9.276               | 1.02       |  |  | 7.6  |      | 0.57 |            | 0.5 | 1.06 |          |  | 7.6 |      | 0.67 |  | 0.5  |  |  |      |  |  |      |  |
| 05-Nov | 1.460             | 1.650             | 3.111            | 9.545               | 1.03       |  |  | 7.6  |      | 0.61 |            | 0.5 | 1.01 |          |  | 7.7 |      | 0.67 |  | 0.5  |  |  |      |  |  |      |  |
| 06-Nov | 1.463             | 1.635             | 3.097            | 9.504               | 1.07       |  |  | 7.7  |      | 0.65 |            | 0.5 | 1.08 |          |  | 7.7 |      | 0.68 |  | 0.5  |  |  |      |  |  |      |  |
| 07-Nov | 1.463             | 1.619             | 3.082            | 9.457               | 0.96       |  |  | 7.9  |      | 0.68 |            | 0.5 | 0.91 |          |  | 7.8 |      | 0.67 |  | 0.5  |  |  |      |  |  |      |  |
| 08-Nov | 1.463             | 1.616             | 3.079            | 9.446               | 1.01       |  |  | 7.8  |      | 0.67 |            | 0.5 | 1.05 |          |  | 7.8 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| 09-Nov | 1.463             | 1.609             | 3.072            | 9.426               | 1.02       |  |  | 7.8  |      | 0.68 |            | 0.5 | 1.06 |          |  | 7.8 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| 10-Nov | 1.462             | 1.528             | 2.990            | 9.175               | 1.02       |  |  | 7.8  |      | 0.65 |            | 0.5 | 1.05 |          |  | 7.7 |      | 0.65 |  | 0.5  |  |  |      |  |  |      |  |
| 11-Nov | 1.462             | 1.528             | 2.990            | 9.175               | 1.02       |  |  | 7.7  |      | 0.59 |            | 0.5 | 1.07 |          |  | 7.7 |      | 0.68 |  | 0.5  |  |  |      |  |  |      |  |
| 12-Nov | 1.462             | 1.637             | 3.099            | 9.509               | 1.00       |  |  | 7.8  |      | 0.58 |            | 0.5 | 1.00 |          |  | 7.8 |      | 0.63 |  | 0.5  |  |  |      |  |  |      |  |
| 13-Nov | 1.461             | 1.637             | 3.097            | 9.504               | 0.95       |  |  | 7.8  |      | 0.61 |            | 0.5 | 0.94 |          |  | 7.8 |      | 0.65 |  | 0.5  |  |  |      |  |  |      |  |
| 14-Nov | 1.461             | 1.598             | 3.058            | 9.385               | 1.14       |  |  | 7.6  |      | 0.61 |            | 0.5 | 1.16 |          |  | 7.5 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| 15-Nov | 1.461             | 1.586             | 3.046            | 9.348               | 1.05       |  |  | 7.6  |      | 0.62 |            | 0.5 | 1.05 |          |  | 7.6 |      | 0.63 |  | 0.5  |  |  |      |  |  |      |  |
| 16-Nov | 1.745             | 1.583             | 3.328            | 10.213              | 1.00       |  |  | 7.8  |      | 0.65 |            | 0.5 | 1.01 |          |  | 7.8 |      | 0.64 |  | 0.5  |  |  |      |  |  |      |  |
| 17-Nov | 1.610             | 1.583             | 3.193            | 9.799               | 1.03       |  |  | 7.9  |      | 0.67 |            | 0.5 | 1.03 |          |  | 7.9 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| 18-Nov | 1.730             | 1.553             | 3.283            | 10.075              | 1.00       |  |  | 7.7  |      | 0.69 |            | 0.5 | 1.01 |          |  | 7.7 |      | 0.62 |  | 0.5  |  |  |      |  |  |      |  |
| 19-Nov | 1.730             | 1.572             | 3.302            | 10.133              | 1.12       |  |  | 7.9  |      | 0.70 |            | 0.5 | 1.19 |          |  | 7.9 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| 20-Nov | 1.731             | 1.645             | 3.376            | 10.358              | 1.08       |  |  | 7.9  |      | 0.71 |            | 0.5 | 1.09 |          |  | 7.9 |      | 0.63 |  | 0.5  |  |  |      |  |  |      |  |
| 21-Nov | 1.731             | 1.616             | 3.347            | 10.270              | 1.11       |  |  | 7.9  |      | 0.74 |            | 0.5 | 1.13 |          |  | 7.9 |      | 0.65 |  | 0.5  |  |  |      |  |  |      |  |
| 22-Nov | 1.732             | 1.609             | 3.341            | 10.251              | 1.09       |  |  | 7.9  |      | 0.77 |            | 0.5 | 1.10 |          |  | 7.9 |      | 0.65 |  | 0.5  |  |  |      |  |  |      |  |
| 23-Nov | 1.732             | 1.652             | 3.384            | 10.383              | 1.17       |  |  | 7.8  |      | 0.71 |            | 0.5 | 1.22 |          |  | 7.8 |      | 0.63 |  | 0.5  |  |  |      |  |  |      |  |
| 24-Nov | 1.732             | 1.659             | 3.391            | 10.406              | 1.01       |  |  | 7.7  |      | 0.69 |            | 0.5 | 1.02 |          |  | 7.6 |      | 0.63 |  | 0.5  |  |  |      |  |  |      |  |
| 25-Nov | 1.732             | 1.617             | 3.349            | 10.278              | 1.05       |  |  | 7.7  |      | 0.69 |            | 0.5 | 1.03 |          |  | 7.7 |      | 0.62 |  | 0.5  |  |  |      |  |  |      |  |
| 26-Nov | 1.732             | 1.627             | 3.359            | 10.306              | 1.11       |  |  | 7.7  |      | 0.68 |            | 0.5 | 1.14 |          |  | 7.7 |      | 0.64 |  | 0.5  |  |  |      |  |  |      |  |
| 27-Nov | 1.733             | 1.360             | 3.093            | 9.490               | 1.01       |  |  | 7.7  |      | 0.67 |            | 0.5 | 0.99 |          |  | 7.7 |      | 0.56 |  | 0.5  |  |  |      |  |  |      |  |
| 28-Nov | 1.733             | 1.199             | 2.932            | 8.996               | 1.10       |  |  | 7.7  |      | 0.66 |            | 0.5 | 1.15 |          |  | 7.6 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| 29-Nov | 1.555             | 1.695             | 3.250            | 9.974               | 1.16       |  |  | 7.7  |      | 0.69 |            | 0.5 | 1.16 |          |  | 7.7 |      | 0.64 |  | 0.5  |  |  |      |  |  |      |  |
| 30-Nov | 1.461             | 1.800             | 3.261            | 10.005              | 1.22       |  |  | 8.0  |      | 0.81 |            | 0.5 | 1.17 |          |  | 8.0 |      | 0.66 |  | 0.5  |  |  |      |  |  |      |  |
| TOTAL  | 47.336            | 47.837            | 95.174           | 292.040             |            |  |  |      |      |      |            |     |      |          |  |     |      |      |  |      |  |  |      |  |  |      |  |