



2016 Annual Report of Integrated Water Management Activities in the Platte Basin Within Tri-Basin NRD



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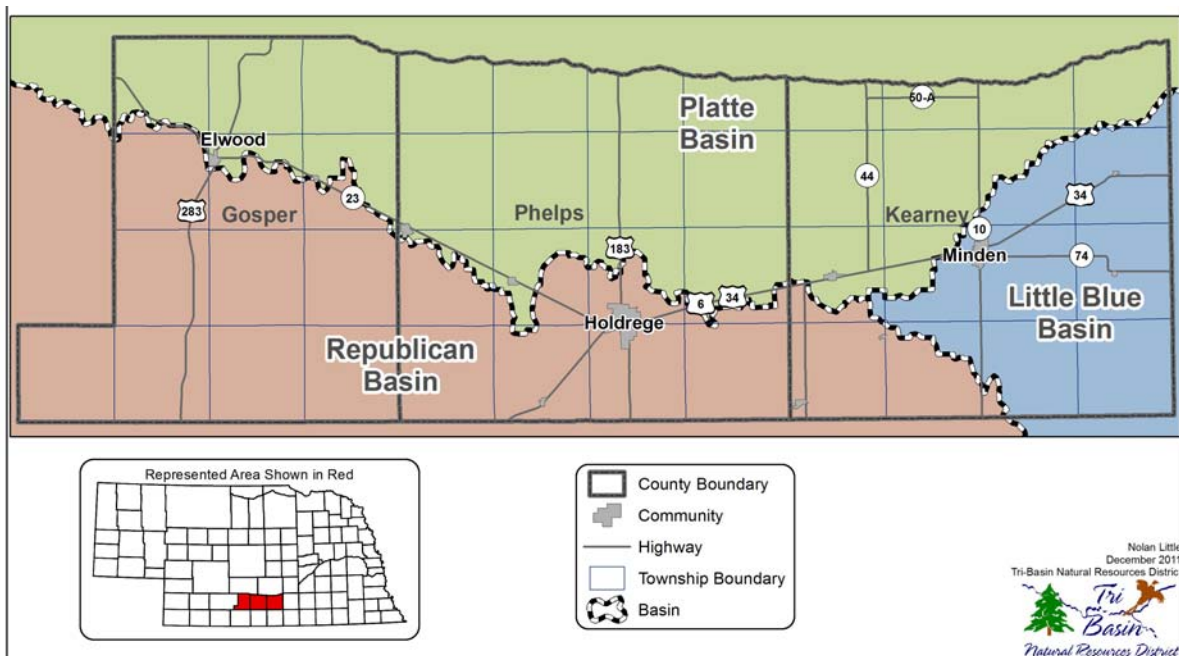
June 2017

**ANNUAL REPORT OF WATER USE ACTIVITIES
IN THE PLATTE BASIN WITHIN TRI-BASIN NRD
TO MEET THE REQUIREMENTS OF THE JOINT INTEGRATED MANAGEMENT PLAN
FOR THE 2017 BASIN-WIDE MEETING**

I. SUMMARY

The purpose of this report is to convey information that Tri-Basin Natural Resources District (TBNRD) agreed to supply to the State of Nebraska as part of a joint Integrated Management Plan for the fully and overappropriated portions of the Platte River Basin.

Map #1: Basin Reference Map



II. INTRODUCTION

TBNRD encompasses portions of the Republican, Platte and Little Blue River Basins (see map #1, above). The district also contains an area commonly referred to as the “Groundwater Mound” spanning portions of all three basins, that is characterized by groundwater levels that are higher than historic, “pre-development,” groundwater elevations.

More than 100,000 acres of cropland within the Platte Basin portion of TBNRD are irrigated with water diverted from the Platte River and distributed through the canals of the Central Nebraska Public Power and Irrigation District (CNPPID). Surface irrigation water and the canals that distribute it enhance recharge of groundwater supplies within the district. In addition to helping sustain groundwater supplies, this incidental recharge has increased streamflows in Platte and Republican tributaries. High groundwater levels have also saturated soil and sub-soil in parts of northern Phelps and Kearney counties, requiring TBNRD to construct drainage ditches (Improvement Project Areas or IPAs) in an attempt to stabilize groundwater levels below the crop root zone. For this reason, the TBNRD has designated portions of the Platte Basin as a “High Groundwater Management Area” pursuant to TBNRD rule 8.6 for purposes of groundwater quantity management.

III. CERTIFIED IRRIGATED ACRES

The district began certifying irrigated acres in the Platte Basin in 2004. The initial certification process in the Platte Basin ended on June 15, 2006. Since that time, corrections and revisions to the certified acre database have occurred with a net result as of December 31, 2016, of 298,714.23 certified acres in the Platte Basin within TBNRD. Data regarding certified irrigated acres can be found in **TABLE 1: Platte Basin Certified Irrigated Acres** (below). Commingled acres are acres that may be watered with either groundwater or surface water. Detailed information about locations and distribution of certified irrigated acres is available in the Tri-Basin NRD office.

| TABLE 1: Platte Basin Certified Irrigated Acres | | | |
|--|-------------|------------------------|-------------------------|
| | Year | Acres Certified | Commingled Acres |
| Gosper County | 2010 | 35,755.63 | |
| | 2011 | 35,755.64 | 10,804.80 |
| | 2012 | 35,737.43 | 10,581.80 |
| | 2013 | 35,696.95 | 10,397.80 |
| | 2014 | 35,800.39 | 10,395.25 |
| | 2015 | 35,655.82 | 10,554.56 |
| | 2016 | 35,658.57 | 10,469.07 |
| Phelps County | 2010 | 166,992.60 | |
| | 2011 | 167,027.69 | 78,178.44 |
| | 2012 | 167,127.23 | 78,103.08 |
| | 2013 | 167,501.73 | 78,352.49 |
| | 2014 | 167,222.82 | 78,500.37 |
| | 2015 | 167,337.72 | 78,127.66 |
| | 2016 | 167,381.05 | 78,277.00 |
| Kearney County | 2010 | 94,984.64 | |
| | 2011 | 95,650.11 | 23,314.13 |
| | 2012 | 95,733.45 | 23,522.33 |
| | 2013 | 95,778.33 | 23,214.77 |
| | 2014 | 95,738.64 | 23,441.29 |
| | 2015 | 95,700.64 | 23,325.27 |
| | 2016 | 95,674.61 | 23,455.16 |
| District Wide | 2010 | 297,732.87 | |
| | 2011 | 298,433.44 | 112,297.37 |
| | 2012 | 298,598.11 | 112,207.21 |
| | 2013 | 298,977.01 | 111,965.06 |
| | 2014 | 298,761.85 | 112,336.91 |
| | 2015 | 298,694.18 | 112,007.49 |
| | 2016 | 298,714.23 | 112,201.23 |

IV. APPROVED CERTIFIED ACRE AND GROUNDWATER TRANSFERS

A. TBNRD allows certified irrigated acres to be transferred from one parcel to another within the Platte Basin portion of the district, with some limitations. These limitations include a prohibition on transfers from the fully appropriated portion of the district to the overappropriated area. Certified irrigated acres also cannot be transferred from parcels with surface water or commingled water resources to parcels that have groundwater wells as their only water source.

| TABLE 2A: Platte Basin Transfers-Acres at Original Locations | | |
|---|------------------------------------|-----------------------|
| NRD Permit Number | Legal Description | Acres Dried Up |
| TBAT-0286 | Pt NE 1/4 Section 11-7-16 | 14.00 |
| TBAT-0287 | Pt S 1/2 Section 2-7-16 | 10.50 |
| TBAT-0289 | N 1/2 NW 1/4 Section 13-7-15 | 16.60 |
| TBAT-0290 | E 1/2 SW 1/4 Section 14-8- 19 | 7.00 |
| TBAT-0291 | E 1/2 SW 1/4 Section 14-8- 19 | 7.00 |
| TBAT-0292 | E 1/2 SW 1/4 Section 14-8- 19 | 3.00 |
| TBAT-0293 | NE 1/4 Section 28-7- 17 | 29.64 |
| TBAT-0294 | N 1/2 NW 1/4 Section 4-6-17 | 10.00 |
| TBAT-0295 | pt S 1/2 of S 1/2 Section 23-8- 14 | 15.00 |
| TBAT-0296 | pt S 1/2 of S 1/2 Section 23-8- 14 | 15.00 |
| TBAT-0297 | pt SE 1/4 Section 24-8- 19 | 6.28 |
| TBAT-0298 | pt S 1/2 of S 1/2 Section 23-8- 14 | 14.00 |
| TBAT-0299 | pt S 1/2 of S 1/2 Section 23-8- 14 | 4.00 |
| TBAT-0300 | NE 1/4 Section 22-7-15 | 9.82 |
| TBAT-0304 | Pt N 1/2 of Section 22-8- 20 | 5.00 |
| TBAT-0306 | N 1/2 NE 1/4 Section 8-7- 17 | 9.00 |
| TBAT-0307 | N 1/2 NW 1/4 Section 17-7-17 | 12.00 |

Furthermore, district rules require that the number of certified acres that can be transferred be limited or “discounted” to insure that there isn’t an increase in depletions to streamflows when acres are transferred from low to higher depletion zones. Between January 1, 2016 and December 31, 2016 the district approved 17 certified irrigated acre transfers in the Platte Basin. A total of 187.84 certified irrigated acres were involved in these transfers. Data regarding the location, amount and conditions associated with each transfer can be found in TABLE 2A: Platte Basin Transfers-Acres at Original Locations (above) and TABLE 2B: Platte Basin Transfers-Acres at New Locations (below).

| TABLE 2B: Platte Basin Transfers- Acres at New Locations | | |
|---|---------------------------------------|----------------------|
| NRD Permit Number | Legal Description | New Irrigated |
| TBAT-0286 | Pt West 1/2 Section 16-7-15 | 14.00 |
| TBAT-0287 | Pt West 1/2 Section 16-7-15 | 10.50 |
| TBAT-0289 | Pt SE 1/4 Section 12-7- 15 | 16.60 |
| TBAT-0290 | SE 1/4 Section 21-6- 19 | 7.00 |
| TBAT-0291 | NE 1/4 Section 27-7- 20 | 7.00 |
| TBAT-0292 | NW 1/4 Section 13-7- 20 | 3.00 |
| TBAT-0293 | Pt NW 1/4 Section 20-7- 17 | 29.64 |
| TBAT-0294 | Pt NW 1/4 Section 20-7- 17 | 7.41 |
| TBAT-0295 | pt SE 1/4 Section 26-7- 17 | 15.00 |
| TBAT-0296 | NE 1/4 Section 27-7- 15 | 15.00 |
| TBAT-0297 | N 1/2 NE 1/4; NW 1/4 Section 27-7- 19 | 6.28 |
| TBAT-0298 | NE 1/4 Section 13-7- 15 | 14.00 |
| TBAT-0299 | SE 1/4 Section 25-7- 16 | 4.00 |
| TBAT-0300 | NW 40 of SW 1/4 Section 15-7- 15 | 9.82 |
| TBAT-0304 | SE 1/4 Section 21-8- 20 | 5.00 |
| TBAT-0306 | SW 1/4 Section 20- 8- 17 | 9.00 |
| TBAT-0307 | SW 1/4 Section 20- 8- 17 | 12.00 |

B. TBNRD regulates groundwater pumping off of overlying land by requiring landowners to secure groundwater transfer permits before they can pump groundwater to properties that are not contiguous or under the same ownership. Groundwater transfer permits can only be used to supply groundwater for irrigation of certified irrigated acres. Landowners are required to install flowmeters on wells that are permitted for transfers and to report pumping from these wells annually to the TBNRD. TBNRD issued one permanent groundwater transfer permit in the Platte Basin between January 1, 2016 and December 31, 2016. TBNRD allows CNPPID customers to pump groundwater into canals to supplement surface water diversions when necessary. Such permits are temporary and must be renewed annually. No temporary Groundwater Transfer Permits were issued by the NRD in 2016. Data regarding groundwater transfers can be found in **TABLE 3: Groundwater Transfers** (below).

| NRD Permit Number | Well Legal Description | Well Registration Number | Well ID Number | Certified Acres Watered with Well | Transfer Type |
|-------------------|-------------------------|--------------------------|----------------|-----------------------------------|---------------|
| GWT-0333 | SW 1/4 Section 15-7- 15 | G-060797 | 212228 | 33 | Permanent |

V. WELL CONSTRUCTION PERMITS

A. Since 1989, TBNRD has required landowners to secure well construction permits before they drill wells capable of pumping more than 50 gallons per minute. The district issues three categories of well permits: new well permits, conditional replacement well permits, and replacement well permits.

TBNRD requires landowners to agree to several conditions on the operation of new wells and conditional replacement wells before permits are issued. These conditions are listed in an agreement that is signed by landowners when they apply for these types of well permits. A copy of that agreement is attached to this report as Appendix A.

| Well Permit Type | Permits |
|--|---------|
| New (variance) irrigation | 0 |
| Replacement irrigation | 16 |
| Conditional replacement irrigation - supplemental to groundwater | 0 |
| Conditional replacement irrigation - supplemental to surface water | 1 |
| Dewatering (streamflow augmentation) | 0 |
| New commercial/industrial | 1 |
| Domestic (over 50 gpm) | 0 |

B. **TABLE 4: TBNRD Well Permits** (above) is a breakdown of well permits that TBNRD issued in the Platte Basin between January 1, 2016 and December 31, 2016. The new commercial/industrial well listed in this table is used as a back up process water well, so there is no new water use and no offset was required. A detailed listing of well permits issued by TBNRD in 2016 is found in **TABLE 5: Well Permit Summary** (page 6).

VI. VARIANCES

TBNRD issues new well permits to landowners of parcels that don't have a prior irrigation history only after they have transferred sufficient certified irrigated acres for the intended new use. The TBNRD Board must approve a variance to the rule prohibiting new well construction before new well permits can be issued. No new irrigation well construction permit variances were issued in the Platte Basin between January 1, 2016 and December 31, 2016.

| Permit Number | Well Permit Type | Legal Description | NDNR Reg. Number | Well ID Number |
|------------------------|-------------------------|-------------------|------------------|----------------|
| TBRP-G020686-R1 | Replacement | Section 20-6- 17 | G-020686-R1 | 241322 |
| TBRP-G035025-R1 | Replacement | Section 10-6- 17 | G-035025-R1 | 241335 |
| TBRP-G074261-R1 | Replacement | Section 27-7- 19 | G-074261-R1 | 241541 |
| TBRP-G023268-R1 | Replacement | Section 26-7- 16 | G-023268-R1 | 241542 |
| TBRP-G016296-R2 | Replacement | Section 21-6- 16 | G-016296-R2 | 241576 |
| TBRP-G044798-R1 | Replacement | Section 27-8- 16 | G-044798-R1 | 241959 |
| TBRP-G045710-R1 | Replacement | Section 18-6- 19 | G-045710-R1 | 242517 |
| TBRP-G025703-R1 | Replacement | Section 32-6- 19 | G-025703 | 242435 |
| TBRP-G008919-R1 | Replacement | Section 12-8- 13 | G-008919 | 242826 |
| TBRP-G014042-R2 | Replacement | Section 21-8- 16 | G-014042 | 242852 |
| TBRP-G009838-R1 | Replacement | Section 29-8- 15 | G-009838 | 243739 |
| TBIN-1513 | Industrial | Section 13-6- 16 | G-181488 | 243777 |
| TBRP-G131761-R1 | Replacement | Section 3-6- 15 | G-131761 | 243911 |
| TBRP-G059825-R1 | Replacement | Section 5-7- 17 | G-059825 | 245066 |
| TBSS-1515 | Supplemental to Surface | Section 15-6- 18 | NDY | |
| TBRP-G037321-R1 | Replacement | Section 25-6- 18 | G-037321-R1 | 245523 |
| TBRP-G019600-R2 | Replacement | Section 26-7- 19 | G-019600-R2 | 246011 |
| TBRP-G041970-R1 | Replacement | Section 24-6- 18 | G-041970-R1 | 246112 |
| *NDY - Not drilled yet | | | | |

Tri-Basin NRD corrected the district’s certified acre database by certifying 42.55 acres in two parcels that had a history of irrigation between 1997 and 2005. These acres weren’t previously included in the district’s database, because they weren’t classified as irrigated cropland by county assessors. Beginning in October 2013, producers also had to show proof that the corrected acres had been watered three out of the past five years. Tri-Basin NRD also adjusts the district’s irrigated acre database as a result of revisions made by county assessors to taxable irrigated acres. Additions or reductions of taxable irrigated acres of four acres or less are automatically accepted by the district. Larger additions or reductions must be reviewed by the NRD board before they are approved. Tri-Basin NRD’s Platte Basin Certified Irrigated Acre Corrections data is below in **TABLE 6: Platte Basin Certified Irrigated Acre Variances** (below). One approved well variance allowed an irrigation well to be modified to a domestic well. The well has since been capped and the pump removed.

| Date Approved | Type of Variance | Legal Description | Affected Acres |
|---------------|-----------------------------------|----------------------------|----------------|
| 1/12/2016 | Certified Acre Correction Request | East 1/2 Section 27-8- 21 | 36.88 |
| 5/17/2016 | Well Abandonment Variance | Pt SE 1/4 Section 24-8- 19 | |
| 12/13/2016 | Certified Acre Correction Request | Pt NW 1/4 Section 2-7- 20 | 5.67 |

VII. MUNICIPAL AND INDUSTRIAL ACCOUNTING

TBNRD collects water use data annually from all municipalities and industries within the district. Municipal and industrial water use data for communities and industries located in the Platte Basin reported to TBNRD in 2016 is shown in the next two tables. A summary of Municipal Water Use may be found in **TABLE 7: Platte Basin Municipal Water Use Data** (pages 8 and 9). **TABLE 8** (page 7) shows Industrial and Commercial Water Use Data.

VIII. FLOWMETER DATA

TBNRD requires flowmeters to be installed and annual water use to be reported to TBNRD whenever landowners drill new wells, receive irrigation-related cost-share funds, or when groundwater is transferred from one property to another. In 2016 landowners reported data from 455 flowmeters in the Platte Basin. The metered wells reported irrigating 53,681.52 certified irrigated acres. Due to the installation of additional reporting flowmeters and depending on use of supplemental irrigation wells by CNPPID customers, flowmeter data and reported irrigated acres change from year to

year. All District flowmeter data is reported annually to the Department of Natural Resources (DNR) for purposes of Republican River Basin Compact Administration accounting. Platte Basin flowmeter data is included in Appendix B.

| TABLE 8: Platte Basin Industrial and Commercial Water Use Data | | | | |
|---|-----------------------|---|--------------------------|-----------------------|
| NDNR Reg. Number | Well ID Number | Owner | Legal Description | Gallons Pumped |
| G-177982 | 239716 | Olsen Cattle Co LLC | Section 5-6- 15 | 439,900 |
| G-123753-R1 | 194279 | KAAPA Ethanol, LLC | Section 13-6-16 | 217,201,100 |
| G-123754-R2 | 210900 | KAPPA Ethonal, LLC | Section 13-6-16 | 616,300 |
| G-124061 | 152898 | KAAPA Ethanol, LLC | Section 13-6-16 | 6,083,000 |
| G-134413-R1 | 194280 | KAAPA Ethanol, LLC | Section 13-6-16 | 55,013,800 |
| G-181488 | 243777 | KAAPA Ethanol LLC | Section 13-6-16 | 13,150,000 |
| G-071961 | 80123 | Mosaic | Section 15-6-16 | 17,500 |
| G-071962 | 80124 | Mosaic | Section 15-6-16 | 17,500 |
| G-073875 | 82215 | Village of Bertrand | Section 6-6-20 | 24,772,000 |
| G-165728 | 219082 | Fort Kearny Consolidated | Section 5-7- 14 | 25,489,400 |
| G-165729 | 219083 | Fort Kearny Consolidated | Section 5-7- 14 | 27,200,200 |
| G-139944 | 171644 | Fort Kearny Consolidated | Section 6-7-14 | 0 |
| G-116982 | 141058 | KGLD, LLC | Section 11-7-16 | 43,200,000 |
| G-177447 | 238330 | Loomis Pork LLC | Section 19-7-19 | 3,660,500 |
| G-147025 | 188561 | Paul Johnson & Sons | Section 10-7-20 | 3,501,760 |
| G-095842 | 112013 | Aurora Co-Op | Section 19-7-20 | 927,000 |
| G-093253 | 106683 | Dan & Steve Wolfe | Section 28-8-16 | 5,000,000 |
| G-093254 | 106684 | Dan & Steve Wolfe | Section 28-8-16 | 5,000,000 |
| G-087812 | 99723 | Rusty's Fertilizer Inc | Section 21-8-18 | 1,011,600 |
| G-073205 | 81395 | Rockford G Plettner | Section 4-8-21 | 131,400,000 |
| G-080853 | 89509 | Nebraska Public Power District | Section 4-8-21 | 108,000 |
| G-156977 | 199850 | Central Nebraska Public Power and Irrigation District | Section 7-8-21 | 373,295,813 |
| G-092923 | 102854 | Central Nebraska Public Power and Irrigation District | Section 4-8-22 | 96,017,630 |
| G-122576 | 151178 | Bullhead Point Association | Section 5-8-22 | 4,875,900 |
| G-076515 | 85080 | Lakeside Country Club | Section 8-8-22 | 26,640,000 |
| G-076780-R1 | 124121 | Lakeside Country Club | Section 8-8-22 | 31,080,000 |

TABLE 7: Platte Basin Municipal Water Use Data

| | | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|------------------------|-------|-------------------|-------------------|--------------------|--------------------|-------------------|--------------------|--------------------|
| Axtell | Jan. | 2,261,300 | 3,708,500 | 3,124,800 | 2,923,900 | 2,653,500 | 2,282,900 | 2,379,000 |
| Pop. 726 | Feb. | 2,690,700 | 3,301,900 | 3,104,600 | 2,395,100 | 2,359,000 | 2,027,700 | 2,755,600 |
| (2010 census) | Mar. | 3,757,400 | 3,649,000 | 4,241,500 | 2,530,000 | 2,740,400 | 4,393,300 | 3,040,700 |
| | Apr. | 3,336,000 | 3,742,000 | 5,751,800 | 3,195,600 | 3,836,900 | 4,318,200 | 4,168,700 |
| | May | 3,351,500 | 5,305,600 | 11,685,400 | 8,260,800 | 7,461,100 | 4,664,300 | 3,985,900 |
| | June | 3,895,700 | 7,600,700 | 14,211,000 | 11,960,000 | 7,534,900 | 5,876,500 | 13,891,900 |
| | July | 10,452,300 | 11,452,600 | 22,110,800 | 19,418,700 | 12,794,400 | 12,441,200 | 14,882,100 |
| | Aug. | 9,737,500 | 8,907,600 | 12,040,400 | 11,170,400 | 8,925,000 | 10,301,700 | 11,692,100 |
| | Sept. | 8,899,200 | 7,459,200 | 12,675,900 | 9,955,100 | 5,467,700 | 10,976,400 | 9,021,300 |
| | Oct. | 7,871,700 | 5,677,900 | 5,713,700 | 5,558,900 | 5,640,300 | 7,525,000 | 7,816,500 |
| | Nov. | 3,800,700 | 3,018,200 | 3,274,500 | 2,753,300 | 2,475,500 | 4,008,900 | 3,537,100 |
| | Dec. | 4,441,500 | 3,111,100 | 2,878,000 | 2,495,500 | 2,180,300 | 2,699,700 | 2,310,600 |
| Axtell Totals | | 64,495,500 | 66,934,300 | 100,812,400 | 82,617,300 | 64,069,000 | 71,516,700 | 79,481,500 |
| Bertrand | Jan. | 4,380,000 | 4,234,000 | 3,575,000 | 4,002,000 | 4,422,000 | 4,294,000 | 4,467,000 |
| Pop. 750 | Feb. | 3,998,000 | 3,655,000 | 3,348,000 | 3,571,000 | 3,817,000 | 3,807,000 | 4,003,000 |
| (2010 census) | Mar. | 3,383,000 | 3,876,000 | 3,846,000 | 3,533,000 | 4,069,000 | 6,038,000 | 4,548,000 |
| | Apr. | 3,837,000 | 4,307,000 | 6,122,000 | 3,858,000 | 4,949,000 | 8,605,000 | 8,925,400 |
| | May | 5,147,000 | 7,316,900 | 13,410,700 | 10,671,200 | 11,419,500 | 8,294,500 | 6,381,000 |
| | June | 6,153,000 | 9,301,200 | 17,711,000 | 15,688,200 | 8,539,000 | 9,873,100 | 14,827,300 |
| | July | 11,853,000 | 15,651,200 | 27,282,900 | 23,473,500 | 16,089,200 | 21,287,600 | 14,993,000 |
| | Aug. | 12,170,000 | 12,540,800 | 14,707,500 | 17,540,600 | 11,456,000 | 15,234,800 | 15,371,700 |
| | Sept. | 11,097,000 | 9,397,600 | 15,511,100 | 14,850,200 | 7,427,000 | 15,246,600 | 11,076,700 |
| | Oct. | 9,986,000 | 7,050,000 | 8,976,000 | 6,406,000 | 8,972,000 | 9,881,500 | 11,481,000 |
| | Nov. | 4,532,000 | 3,945,000 | 5,261,000 | 3,852,000 | 4,710,000 | 4,519,000 | 7,061,000 |
| | Dec. | 3,748,000 | 4,152,000 | 3,970,000 | 4,288,000 | 4,114,000 | 3,981,000 | 5,398,000 |
| Bertrand Totals | | 80,284,000 | 85,426,700 | 123,721,200 | 111,733,700 | 89,983,700 | 111,062,100 | 108,533,100 |
| Elwood | Jan. | 2,654,000 | 4,490,000 | 4,278,000 | 5,223,600 | 3,729,600 | 3,067,700 | 3,467,900 |
| Pop. 707 | Feb. | 4,454,000 | 3,277,000 | 3,324,500 | 4,535,500 | 4,188,000 | 3,531,000 | 3,235,000 |
| (2010 census) | Mar. | 4,132,000 | 4,745,000 | 5,774,700 | 5,299,500 | 4,915,000 | 6,951,100 | 3,817,300 |
| | Apr. | 5,162,000 | 4,930,200 | 4,184,000 | 6,824,000 | 4,968,000 | 5,160,200 | 5,768,000 |
| | May | 6,407,000 | 7,990,000 | 16,881,600 | 4,795,500 | 12,601,700 | 6,668,600 | 5,770,000 |
| | June | 7,509,000 | 10,787,000 | 22,944,600 | 14,776,000 | 10,104,800 | 10,586,900 | 14,979,700 |
| | July | 12,253,300 | 9,682,800 | 30,825,300 | 28,116,000 | 20,316,600 | 19,270,800 | 13,372,200 |
| | Aug. | 12,469,000 | 17,946,300 | 20,347,800 | 17,587,000 | 15,146,100 | 11,772,800 | 15,078,400 |
| | Sept. | 12,818,000 | 7,851,600 | 15,277,100 | 13,151,900 | 9,033,400 | 10,001,500 | 9,390,000 |
| | Oct. | 10,493,000 | 8,301,000 | 9,352,300 | 5,936,800 | 6,043,600 | 6,784,900 | 11,215,400 |
| | Nov. | 5,631,000 | 5,195,900 | 4,511,400 | 4,311,200 | 3,827,000 | 3,373,000 | 3,825,000 |
| | Dec. | 4,269,600 | 3,483,000 | 4,061,900 | 3,800,900 | 4,682,500 | 3,468,000 | 4,302,000 |
| Elwood Totals | | 88,251,900 | 88,679,800 | 141,763,200 | 114,357,900 | 99,556,300 | 90,636,500 | 94,220,900 |

(Continued on next page)

TABLE 7: Platte Basin Municipal Water Use Data (continued)

| | | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
|--------------------------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Funk | Jan. | 1,707,668 | 1,530,000 | 1,889,000 | 1,163,000 | 758,000 | 737,000 | 1,239,000 |
| Pop. 194 | Feb. | 1,707,667 | 1,241,000 | 1,549,000 | 1,029,000 | 694,000 | 726,000 | 1,121,000 |
| (2010 census) | Mar. | 1,707,667 | 1,410,000 | 1,106,000 | 1,119,000 | 725,000 | 1,004,000 | 1,368,000 |
| | Apr. | 1,707,667 | 1,510,000 | 1,053,000 | 1,215,000 | 796,000 | 1,279,000 | 1,195,000 |
| | May | 1,707,667 | 2,081,000 | 2,432,000 | 1,830,000 | 2,346,000 | 1,347,000 | 908,000 |
| | June | 1,707,667 | 2,666,000 | 4,285,000 | 2,727,000 | 1,669,000 | 1,580,000 | 3,739,000 |
| | July | 2,482,000 | 2,833,000 | 3,508,000 | 4,608,000 | 3,132,000 | 3,150,000 | 3,584,000 |
| | Aug. | 2,455,000 | 2,656,000 | 2,773,000 | 3,154,000 | 2,394,000 | 1,443,000 | 3,240,000 |
| | Sept. | 2,035,000 | 2,614,000 | 3,043,000 | 2,247,000 | 1,443,000 | 3,291,000 | 1,375,000 |
| | Oct. | 2,061,000 | 1,732,000 | 1,990,000 | 1,123,000 | 1,045,000 | 1,535,000 | 1,176,000 |
| | Nov. | 1,578,000 | 1,500,000 | 1,251,000 | 780,000 | 809,000 | 717,000 | 615,000 |
| | Dec. | 1,321,000 | 1,630,000 | 1,152,000 | 748,000 | 760,000 | 1,047,000 | 539,000 |
| Funk Totals | | 22,178,001 | 23,403,000 | 26,031,000 | 21,743,000 | 16,571,000 | 17,856,000 | 20,099,000 |
| Loomis | Jan. | 1,589,000 | 1,287,000 | 1,709,000 | 1,254,000 | 1,223,000 | 1,163,000 | 1,066,000 |
| Pop. 382 | Feb. | 3,217,000 | 2,080,000 | 1,033,000 | 783,000 | 1,150,000 | 1,177,000 | 1,119,000 |
| (2010 census) | Mar. | 3,815,000 | 1,254,000 | 1,553,000 | 1,124,000 | 1,341,000 | 2,116,000 | 1,362,000 |
| | Apr. | 1,887,000 | 1,953,000 | 2,428,000 | 1,534,000 | 1,952,000 | 4,199,000 | 2,828,000 |
| | May | 2,604,000 | 3,231,000 | 7,072,000 | 5,182,000 | 5,636,000 | 2,763,000 | 1,952,000 |
| | June | 2,384,000 | 4,369,000 | 10,692,000 | 7,094,000 | 4,465,000 | 5,302,000 | 7,843,000 |
| | July | 5,508,000 | 5,352,000 | 15,290,000 | 11,508,000 | 8,702,000 | 8,388,000 | 6,932,000 |
| | Aug. | 6,722,000 | 6,655,000 | 7,847,000 | 7,579,000 | 5,563,000 | 6,377,000 | 7,775,000 |
| | Sept. | 5,741,000 | 6,671,000 | 8,014,000 | 7,236,000 | 2,847,000 | 6,215,000 | 5,093,000 |
| | Oct. | 5,521,000 | 3,976,000 | 4,510,000 | 2,221,000 | 2,970,000 | 3,215,000 | 4,769,000 |
| | Nov. | 1,928,000 | 2,551,000 | 1,855,000 | 1,393,000 | 1,437,000 | 1,382,000 | 1,995,000 |
| | Dec. | 1,607,000 | 1,304,000 | 984,000 | 1,298,000 | 1,289,000 | 1,113,000 | 1,254,000 |
| Loomis Totals | | 42,523,000 | 40,683,000 | 62,987,000 | 48,206,000 | 38,575,000 | 43,410,000 | 44,038,000 |
| Smithfield | Jan. | 69,7000 | 232,300 | 311,700 | 167,700 | | | 178,100 |
| Pop. 54 | Feb. | 192,000 | 332,000 | 169,600 | 158,400 | | | 79,200 |
| (2010 census) | Mar. | 231,200 | 553,600 | 212,300 | 106,400 | | | 93,100 |
| | Apr. | 107,500 | 555,200 | 145,100 | 269,100 | | | 182,300 |
| | May | 135,900 | 420,600 | 611,300 | 373,800 | | | 210,600 |
| | June | 335,000 | 270,100 | 959,500 | 690,600 | | | 189,900 |
| | July | 407,700 | 440,600 | 959,700 | 555,300 | | | 1,028,800 |
| | Aug. | 734,700 | 801,200 | 650,100 | 601,500 | | | 1,173,700 |
| | Sept. | 465,900 | 602,000 | 620,700 | 350,200 | | | 386,200 |
| | Oct. | 237,200 | 321,000 | 332,900 | 211,600 | | | 290,500 |
| | Nov. | 184,300 | 234,300 | 290,900 | 181,400 | | | 164,400 |
| | Dec. | 238,700 | 202,800 | 112,800 | 195,000 | | | 180,700 |
| Smithfield Totals | | 3,339,800 | 4,965,700 | 5,376,600 | 3,861,000 | 3,808,100* | 3,447,200* | 4,157,500 |

*2014 Smithfield monthly data unavailable. Papers fell into water; all they are able to provide is beginning and ending reading for the year.

*2015 Smithfield monthly data unavailable. Water Manager passed away; village staff was unaware that they were to be keeping monthly readings. They will begin January 2016.

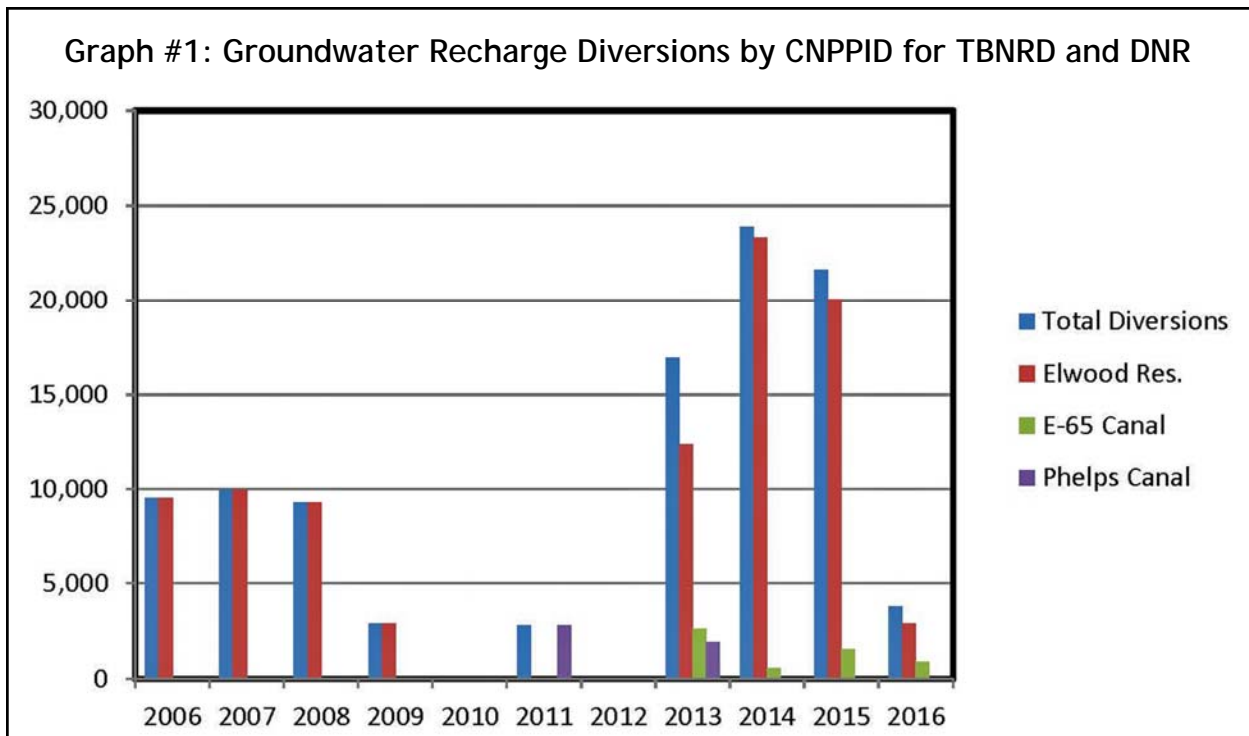
*2015 IMP Report data for Bertrand contained an error; data from one well was not included in the report.

IX. WATER BANKING ACTIVITIES

TBNRD is considering establishing a water bank of some sort as a way to reduce impacts to streamflows through regulation if funding for streamflow offset projects prove to be insufficient in the future, but no policy has yet been agreed upon by the TBNRD Board of Directors.

X. RETIRED ACRES AND OTHER STREAMFLOW ACCRETION ACTIVITIES

Tri-Basin NRD started utilizing the facilities of Central Nebraska Public Power District (CNPPID) to provide groundwater recharge and to augment streamflows when the district and the NE Game and Parks Commission paid CNPPID to divert 9551 acre-feet of water from the Platte River into Elwood Reservoir in Gosper County in 2006. Additional diversions (see Appendix D and graph below) have been made regularly over the past ten years, for a grand total of 100,757 acre-feet of water diverted from 2006-2016. In all these instances, diversions were made when Platte streamflows exceeded target flows, or when irrigation deliveries were suspended due to heavy rainfall in the CNPPID irrigated area.



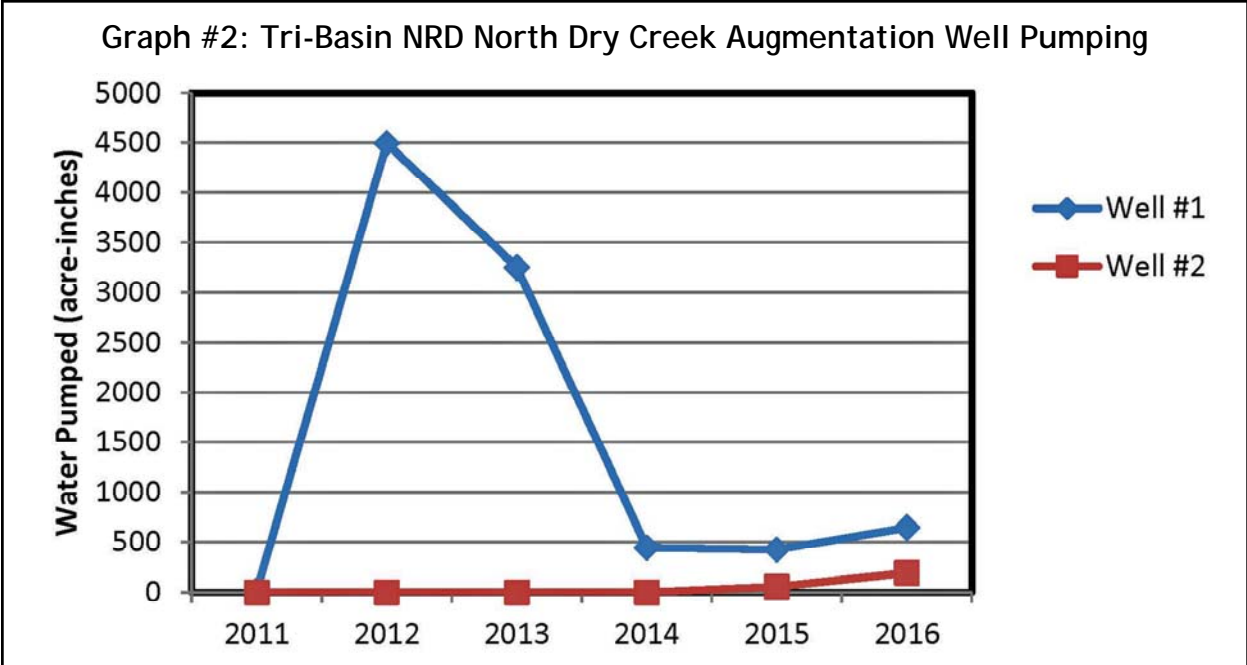
The Platte River Recovery Implementation Program (PRRIP) paid CNPPID to divert 4088 acre-feet of water into the Phelps County Canal in 2012. Since then, PRRIP has made additional diversions on several occasions when the Platte is flowing above target levels (see Appendix D). While recharge resulting from these diversions can't be used as a credit to offset depletions to Platte baseflows from post-1997 uses, they can be credited to Tri-Basin NRD toward reducing depletions to fully appropriated levels.

Tri-Basin NRD completed construction of a streamflow augmentation well along North Dry Creek in Kearney County in 2011. The well can pump as much as 1250 gallons per minute. A study of the augmentation wells' impacts, conducted by HDR Engineering in 2014 and commissioned by TBNRD and DNR, indicates that the average depletion caused by pumping augmentation well #1 over a 25-year period is equivalent to 44% of total pumping (see Graph #2: Tri-Basin NRD North Dry Creek Augmentation Well Pumping, page 11). Augmentation well pumping and resulting estimated offset credit is described in Appendix E. Pumping by augmentation wells also provides an ancillary benefit of providing forage fish habitat during extreme drought conditions.

Tri-Basin NRD also accrued credit for 249.32 acre-feet of water pumped into the Platte River near Kearney in 2016 through a wastewater pipeline from the KAAPA ethanol plant near Axtell. This pipeline was constructed in 2007.

Irrigated land was temporarily retired in TBNRD during 2016 through two contracts totaling 7.1 irrigated acres were signed up for USDA-EQIP Dry land Corners.

Landowners reported to TBNRD on district Groundwater Quality Management Area crop reports that conservation tillage practices have been adopted or continue to be utilized on 70,062.52 certified irrigated acres in the Platte Basin portion of the district during 2016 (see Appendix C). It is estimated that no-till or minimum tillage practices have been adopted on at least 150,000 irrigated acres in the Platte Basin portion of the district. Recent university research (Klocke, et al, 2009) indicates that evapotranspiration (ET) is reduced by as much as 3 inches per acre on irrigated cropland, as compared to conventional tillage systems. Therefore as much as 37,500 acre-feet of water was conserved in the Platte Basin in TBNRD in 2016 through this conservation practice.



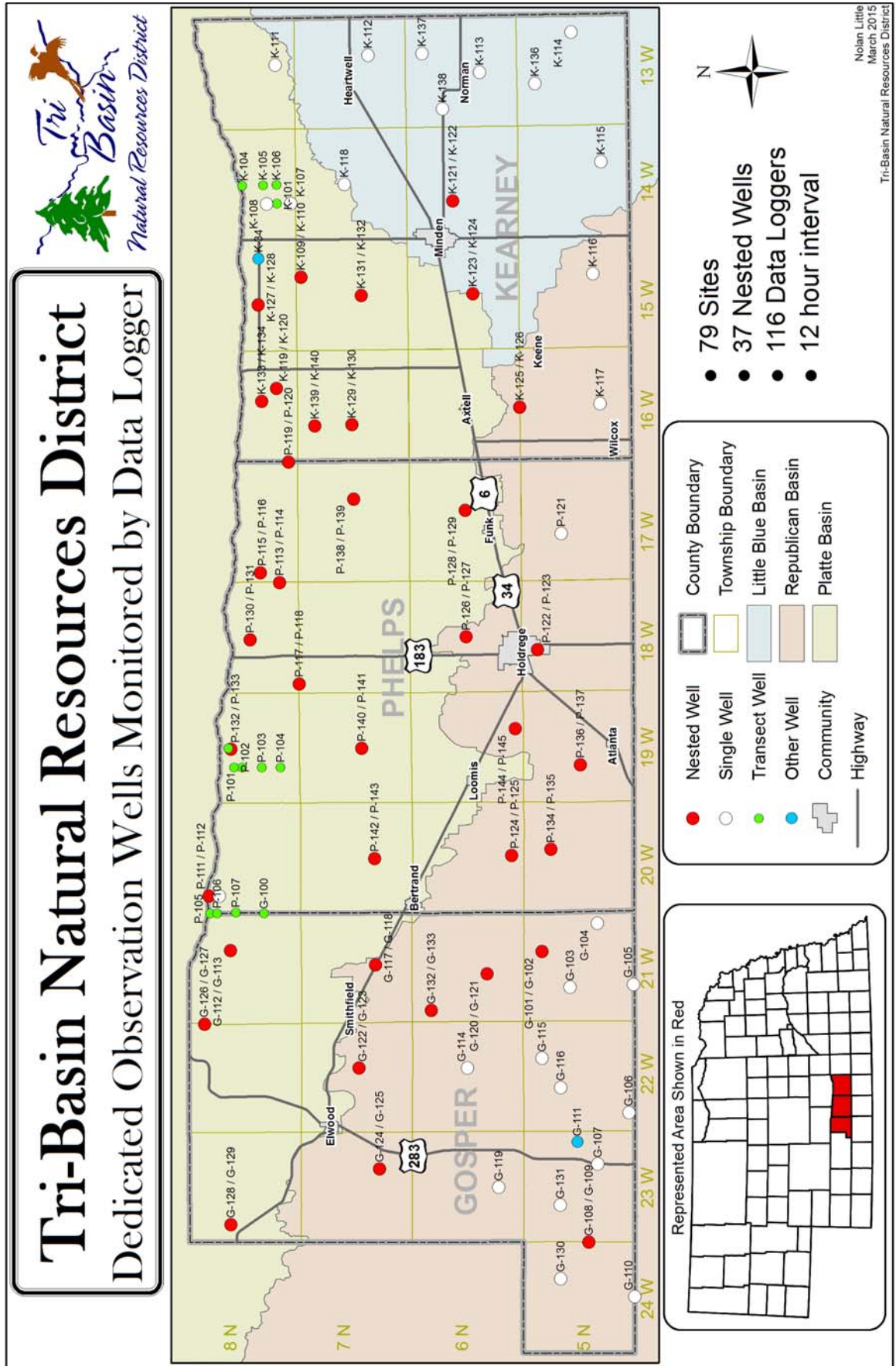
Tri-Basin NRD signed agreements with DNR, Central Platte NRD (CPNRD) and Twin Platte NRD to participate in funding the proposed “J-2 Re-regulation Reservoir” project southwest of Overton, Nebraska. It was anticipated that this reservoir would store up to 8000 acre-feet of water, and that it would fill as often as three times per year. Funding for the project was suspended by the PRRIP in 2016. Tri-Basin NRD and other project partners are evaluating possible feasible alternatives to this project. Tri-Basin NRD has accrued 2040 acre-feet per year of depletion offset credit from its participation in this project. This credit will remain in place through at least 2019.

Finally, Tri-Basin NRD and Central Platte NRD reached an agreement in 2013 that will enable TBNRD to compensate CPNRD in return for accruing credit from Platte baseflow enhancements that result from rehabilitation of three irrigation canal systems in Dawson County. In 2014, CPNRD provided 512 acre-feet of water to offset depletions caused by groundwater irrigation in TBNRD. No offset water credit was provided by this means in 2016.

XI. GROUNDWATER LEVELS

TBNRD has an extensive network of 116 dedicated groundwater observation wells (62 in the Platte Basin) and 90 irrigation wells (eight in the Platte Basin) that are used to measure groundwater levels (see Map #2, page 12). TBNRD also works cooperatively with CNPPID to gather groundwater level data. Data from 158 wells measured by CNPPID are included in TBNRD’s groundwater observation well database. District water level data is reported bi-annually to U.S. Geological Survey and UNL-Conservation and Survey Division. Groundwater level data for the district is available from the Tri-Basin NRD office.

Map #2: Dedicated Groundwater Observation Wells



**Tri-Basin NRD – Platte Basin Annual Report
Appendix A**

**Tri-Basin Natural Resources District
New Well and Conditional Replacement Well Permit
Applicant Certification and Agreement**

Applicant Certification and Agreement to be bound by Conditions and Limitations on operation of a Well permitted as a New Well or as a Conditional Replacement Well pursuant to Rule 1.12, Tri-Basin Natural Resources District Rules and Regulations for Management of Land and Water Resources

NRD Permit # _____ Applicant _____

Applicant is the owner of the following- described real estate:

_____ ¼ Section T N - R W _____

Applicant accepts and agrees to be bound by the following conditions and limitations on the operation of a well that is constructed under the authority of a permit issued by the Tri-Basin Natural Resources District ("NRD"). The conditions and limitations are (check the box and initial those that apply):

1. Applicant agrees to offset any "new depletions" to streamflows of the Platte River, Little Blue River, Republican River, or their tributaries that may be determined to be associated with use of this well. Applicant agrees to use methods to offset those depletions that are deemed acceptable by the NRD and the State of Nebraska. Applicant understands and agrees that Applicant's failure to offset said new depletions may result in closure of this well or restrictions being imposed by the NRD on the number of acres of land that can be irrigated by this well.

2. Applicant agrees to abide by well spacing and pumping capacity limitations that apply to the well that is the subject of this permit, whether such limitations arise pursuant to federal or state law or by rule or regulation of the NRD. Applicant understands and agrees that Applicant's failure to comply with all rules and regulations of the NRD that pertain to this well may result in closure of this well and civil or criminal prosecution and other penalties.

3. Applicant agrees to comply with all current and future rules and regulations of the NRD that pertain to this well. Applicant understands and agrees that Applicant's failure to comply with all rules of regulations of the NRD that pertain to this well may result in closure of this well and civil or criminal prosecution and other penalties.

4. Applicant agrees to maintain any and all surface water rights associated with the land to be irrigated by this well for the lifespan of the permitted well. Applicant understands and agrees that Applicant's failure to comply with all rules and regulations of the NRD that pertain to this well may result in closure of this well and civil or criminal prosecution and other penalties (conditional replacement wells only).

5. Applicant agrees to irrigate only land that has been certified for irrigation by the NRD (no new irrigated acres will be allowed). Applicant understands and agrees that Applicant's failure to prevent irrigation of land not certified for irrigation by the NRD may result in closure of this well and prosecution by the State of Nebraska (conditional replacement wells only).

Applicant certifies that Applicant is familiar with the information contained in this instrument and that to the best of Applicant's knowledge and belief, such information is true, complete and accurate. Applicant further acknowledges and agrees that the NRD and/or the State of Nebraska may impose additional conditions, limitations and restrictions on operation of the well that is the subject of this permit. Applicant further acknowledges and agrees that the conditions and limitations agreed to herein shall also be binding upon Applicant's successors-in-interest to the well and/or the subject real estate.

Tri-Basin NRD – Platte Basin Annual Report
Appendix A

I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief such information is true, complete and accurate. I further acknowledge that Tri-Basin Natural Resources District or the State of Nebraska may impose additional conditions, limitations and restrictions on operation of the well that is the subject of this permit.

Date

Signature of Applicant

Date

Signature of Applicant

Date

Signature of Witness

Approval by Tri-Basin Natural Resources District

Date

Signature of Tri-Basin NRD Representative

**Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells
2016 Platte Basin Annual Report
Appendix B**

| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|--------------------------------------|
| A-005254 | 805 | 152 | 45,376,000 | |
| A-005527 | 1006 | 138.55 | 37,096,500 | |
| A-005544-R1 | 113944 | 135 | 48,858,800 | |
| A-005573-R1 | 203922 | 215 | 11,895,900 | Supplemental well. |
| A-005616 | 1053 | 129.7 | 56,030,921 | |
| A-005851-R2 | 234961 | 156.43 | 70,965,500 | |
| A-005964B-R1 | 182843 | 116 | 37,510,264 | |
| A-005987 | 1325 | 73.9 | 25,104,700 | |
| A-006470 | 1647 | 130 | 47,757,097 | |
| A-006862 | 1917 | 148 | 45,955,900 | |
| A-007012-R1 | 2028 | 143 | 29,691,541 | |
| A-008164-R1 | 174548 | 100 | 65,200,284 | |
| G-000273-R1 | 98237 | 127 | 35,224,168 | |
| G-000317-R2 | 219289 | 132 | 36,336,300 | |
| G-000559 | 3859 | 97 | 31,103,500 | |
| G-000597-R1 | 207683 | 135 | 53,516,732 | |
| G-000671-R1 | 3992 | 300 | 84,119,600 | |
| G-001127 | 4516 | 130 | 21,053,582 | |
| G-001152 | 4544 | 134 | | Well not used in 2016. |
| G-001169 | 4563 | 151 | 32,847,200 | |
| G-001228-R1 | 92085 | 73 | 56,280,400 | |
| G-001374-R1 | 222615 | 135 | 41,327,800 | |
| G-001498 | 4954 | 245.63 | 13,308,000 | |
| G-001705 | 5190 | 140 | 52,461,528 | |
| G-002216-R1 | 166014 | 128 | 30,235,300 | |
| G-002383-R1 | 128836 | 132 | 36,979,500 | |
| G-003468 | 7201 | 77 | 37,086,000 | |
| G-004871 | 8801 | 80 | 16,618,248 | |
| G-005097-R1 | 114236 | 137 | 53,858,100 | |
| G-005392 | 9390 | | | Well not used in 2016. Supplemental |
| G-006383 | 10549 | 185 | 35,343,103 | |
| G-007340-R1 | 162706 | 130 | 52,451,900 | |
| G-007342-R1 | 162707 | 119 | 56,165,500 | |
| G-007488-R1 | 11845 | 151.18 | 7,049,786 | Supplemental well. |
| G-008178 | 12651 | 130 | 25,995,338 | |
| G-009462 | 14164 | 70.4 | 3,670,000 | Supplemental Well - Used very little |
| G-009596 | 14319 | 71.6 | 21,043,200 | |
| G-010388-R1 | 213868 | 65 | 9,501,728 | |
| G-011357-R1 | 16352 | 115 | 28,847,051 | |
| G-011745-R1 | 16802 | 132.4 | 44,482,000 | |
| G-012651-R1 | 191520 | 67 | 24,177,921 | |
| G-013097-R1 | 121819 | 132 | 20,560,200 | Supplemental Well |
| G-013149-R1 | 223630 | 75 | 46,892,514 | |

**Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells
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Appendix B**

| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|---|
| G-013423-R1 | 209336 | 260 | 65,812,878 | |
| G-013974 | 19370 | 135.6 | 43,547,412 | |
| G-014026 | 19432 | 146 | 44,843,500 | Supplemental well |
| G-014735-R1 | 20244 | 78 | 8,746,014 | |
| G-016206 | 21928 | 137 | 21,055,400 | |
| G-016616-R1 | 169839 | 160 | | Well not used in 2016. |
| G-016633 | 22408 | 75 | 47,417,100 | |
| G-016869 | 22679 | 20 | | Supplemental well. Not used in 2016. |
| G-017090-R1 | 172826 | 131.6 | 44,734,857 | |
| G-020681 | 26927 | 133.6 | 32,305,656 | Supplemental well. |
| G-020831 | 27090 | 120 | 41,214,884 | |
| G-021172 | 27458 | 98 | 16,807,000 | |
| G-021193 | 27482 | 124 | 19,757,521 | |
| G-021735-R1 | 28060 | 132 | 50,180,592 | Estimate. Meter broken. Producer will have meter fixed. |
| G-021830-R1 | 163082 | 133.9 | | Supplemental well. Not used in 2016. |
| G-022286 | 28646 | 30 | 7,234,097 | |
| G-022950 | 29350 | 130 | 33,181,200 | |
| G-023149 | 29563 | 26 | 9,926,145 | |
| G-023266 | 29683 | 149 | 28,284,700 | |
| G-023268-R1 | 241542 | 62 | 22,564,974 | |
| G-023479 | 29912 | 125 | 32,155,100 | |
| G-023572 | 30014 | 240 | 7,264,238 | Supplemental well. |
| G-023615 | 30058 | 155 | 46,052,600 | |
| G-024078-R1 | 98512 | 129.56 | 36,210,200 | |
| G-024327 | 30807 | 135 | 61,397,000 | |
| G-024459-R1 | 97819 | 75 | 43,200,000 | Estimate |
| G-024986 | 31500 | 100 | 620,300 | Supplemental well. Used only once. |
| G-025069 | 31589 | 149 | 44,505,406 | Estimate |
| G-025152 | 31677 | 125 | 34,212,800 | |
| G-025207 | 31736 | 130 | 3,378,500 | Supplemental well. |
| G-025550 | 32099 | | | Supplemental Well -Not used in 2016 |
| G-025703-R1 | 242435 | 135 | 3,665,790 | Supplemental well. Estimate. |
| G-025803 | 32369 | 140 | 50,420,300 | |
| G-026446 | 33051 | 117 | 37,090,191 | |
| G-027184 | 33850 | 140 | 35,276,000 | |
| G-027484-R1 | 225652 | 135 | 7,320,175 | |
| G-028077 | 34788 | 146 | 49,757,000 | |
| G-028109-R1 | 34822 | 109 | 19,167,465 | |
| G-028636 | 35400 | 132 | 43,775,800 | |
| G-028660-R2 | 160179 | 135 | 4,757,500 | Supplemental Well - 8.2" Surface water used |
| G-028765-R1 | 35540 | 142 | 44,426,000 | |
| G-028884 | 35667 | 140 | 48,807,000 | |

**Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells
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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|---|
| G-029347 | 36156 | 104.7 | 23,734,000 | |
| G-029951-R1 | 217569 | 38 | 15,493,800 | |
| G-030265 | 37128 | 50 | 18,569,262 | |
| G-030496 | 37375 | 130 | 36,550,913 | |
| G-030668-R1 | 164677 | 135 | | Supplemental well. Did not use in 2016. |
| G-030936-R1 | 176011 | 120 | 26,545,000 | |
| G-031102 | 38030 | 133 | 42,732,000 | |
| G-031354 | 38311 | 139 | 51,548,000 | |
| G-031657 | 38620 | 62 | 28,770,100 | |
| G-031862-R1 | 170685 | 147.5 | 39,580,300 | |
| G-031885-R1 | 168468 | 149.9 | 55,891,900 | |
| G-032220 | 39203 | 150 | 58,736,002 | |
| G-032462-R1 | 166009 | 124 | 41,933,600 | |
| G-032999-R2 | 189200 | 65 | 21,664,547 | |
| G-033788 | 40819 | 147.2 | 13,209,200 | Supplemental well. |
| G-033845 | 40877 | 132 | 59,145,800 | |
| G-034024 | 41062 | 85 | 34,960,000 | |
| G-034034-R1 | 93086 | 77 | 10,316,900 | |
| G-034439 | 41489 | 130 | 65,251,062 | |
| G-034522 | 41576 | 20 | | Well not used in 2016. |
| G-034601 | 41656 | 70 | 10,905,400 | |
| G-034607-R1 | 95424 | 191 | 46,188,682 | |
| G-034763 | 41826 | 142.1 | 4,073,100 | Supplemental well. Only used well on gravity corners in 2016. |
| G-034808 | 41871 | 134 | 37,477,950 | Estimate. |
| G-035027 | 42096 | 116.7 | 51,980,700 | |
| G-035028 | 42097 | 154.8 | 41,052,500 | |
| G-035046-R1 | 149129 | 94.08 | 19,388,100 | |
| G-035210-R1 | 42287 | 132 | 29,570,706 | |
| G-035230-R1 | 209844 | 100 | 49,370,316 | |
| G-035306 | 42390 | 136 | 45,999,147 | |
| G-035840-R1 | 221855 | 265 | 4,607,200 | Supplemental well. |
| G-036219-R1 | 213455 | 75 | 42,434,370 | |
| G-036447-R1 | 203726 | 135 | 14,542,400 | |
| G-036500 | 43633 | 132 | 50,180,592 | Estimate. Meter broken. Producer will have it fixed. |
| G-036585 | 43719 | 44.9 | 8,222,503 | |
| G-036677 | 43812 | 130 | 54,287,091 | |
| G-037041 | 44181 | 50 | 5,380,900 | Supplemental well. Used mostly surface water. |
| G-037347 | 44495 | | | Well not used in 2016. Supplemental well. |
| G-037931-R1 | 227572 | 140 | 25,073,300 | |
| G-038167-R2 | 209014 | 134 | 29,359,500 | |
| G-038172 | 45343 | 130 | 54,717,753 | |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|-------------------------|
| G-039054 | 46251 | 119 | 26,949,530 | |
| G-039106 | 46304 | 128 | 46,228,900 | |
| G-039190 | 46392 | 156 | 55,377,596 | |
| G-039663-R1 | 199851 | 95 | 21,447,400 | |
| G-040337 | 47575 | 145 | 30,776,000 | |
| G-040839 | 48087 | 118 | 25,548,383 | |
| G-041057 | 48311 | 79 | 77,277,297 | |
| G-041183 | 48439 | 142 | 51,849,000 | |
| G-041329-R1 | 219361 | 125 | 36,981,032 | |
| G-041350 | 48611 | 127 | 33,980,515 | |
| G-041369-R1 | 188563 | 66 | 46,849,900 | |
| G-041826 | 49107 | 157.8 | 32,907,700 | |
| G-041978-R1 | 222393 | 240 | 15,884,275 | |
| G-041996-R1 | 228128 | 32 | 8,716,977 | |
| G-042019 | 49302 | 145 | 51,714,521 | |
| G-042824 | 50125 | 159.94 | 48,857,300 | |
| G-042992-R1 | 191750 | 135 | 16,712,500 | |
| G-043275-R1 | 50593 | 137 | 41,625,995 | |
| G-043276-R1 | 169041 | 147 | 35,348,262 | |
| G-043366-R1 | 127238 | 83 | 12,548,400 | |
| G-043639 | 50973 | 151 | 52,032,223 | |
| G-043947 | 51286 | 137 | 23,219,200 | |
| G-044047 | 51391 | 145 | 34,635,470 | |
| G-044222 | 51568 | 165 | 67,570,200 | |
| G-044570 | 51919 | 30 | 8,553,510 | Estimate from producer. |
| G-044608 | 51959 | 132 | 52,272,300 | |
| G-044680 | 52031 | 141 | 43,258,494 | |
| G-044918 | 52271 | 196.4 | 41,515,750 | |
| G-045284 | 52644 | 135.13 | 36,150,000 | |
| G-045549-R1 | 118572 | 135.9 | 44,518,600 | |
| G-046380 | 53760 | 135 | 33,018,449 | |
| G-046434 | 53847 | 150 | 49,456,400 | |
| G-048424 | 55885 | 111 | 29,443,800 | |
| G-049528 | 57016 | 133 | 32,828,100 | |
| G-049567-R1 | 221186 | 146 | 38,294,200 | |
| G-050030 | 57531 | 154 | 40,185,000 | |
| G-050941 | 58466 | 17 | 22,208,061 | |
| G-053870 | 61445 | 150 | 43,029,600 | |
| G-054523 | 62111 | 150 | 37,085,000 | |
| G-055251 | 62856 | 135.47 | 35,764,100 | |
| G-055382-R1 | 172201 | 156.7 | 30,642,900 | |
| G-055521 | 63130 | 136.8 | 95,940,512 | |
| G-056004 | 63618 | 102.5 | 35,458,400 | |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|------------------------|
| G-056606-R1 | 64243 | 133 | 27,592,800 | |
| G-057082 | 64744 | 154.8 | 74,907,800 | |
| G-057427-R1 | 222051 | 187 | 58,745,000 | |
| G-058508 | 66218 | 136 | 37,978,399 | |
| G-059592 | 67347 | 149.26 | 33,911,300 | |
| G-060797-R1 | 212228 | 130 | 62,220,675 | |
| G-061063 | 68882 | 240 | 74,964,862 | |
| G-061501-R1 | 221352 | 152 | 21,454,300 | |
| G-061654 | 69490 | 150.5 | 41,023,800 | |
| G-061946 | 69783 | 127.48 | 33,847,900 | |
| G-063158 | 71057 | 156 | 42,231,000 | |
| G-063177 | 71076 | 138.68 | 53,033,934 | |
| G-063232 | 71133 | 150 | 44,033,100 | |
| G-063968 | 71890 | 130 | 64,173,048 | |
| G-064069 | 71993 | 65.25 | 17,734,800 | |
| G-064272 | 72215 | 33.8 | 14,187,000 | |
| G-064756 | 72722 | 77.21 | 72,644,800 | |
| G-064840 | 72808 | 155 | 37,452,700 | |
| G-065598 | 73589 | 130 | 64,941,234 | |
| G-066270 | 74279 | 134 | 24,549,000 | |
| G-066404 | 74421 | 130 | 30,322,057 | |
| G-066511 | 74530 | 131.6 | 40,875,100 | |
| G-067478 | 75541 | 65 | 20,870,564 | |
| G-067820 | 75893 | 135 | 26,067,200 | |
| G-067926 | 76002 | 103 | 30,456,700 | |
| G-067960 | 76038 | 132 | 72,141,600 | |
| G-068235 | 76316 | 126 | 57,233,843 | |
| G-068903 | 77028 | 134.8 | 29,003,800 | |
| G-068938 | 77063 | 135 | 35,838,663 | |
| G-069457 | 77609 | 113 | 37,143,429 | |
| G-069536 | 77689 | 130 | 62,230,400 | |
| G-069613 | 77769 | 275 | 65,764,272 | |
| G-070731 | 78892 | 158.2 | 43,753,000 | |
| G-070802 | 78963 | 145 | 35,095,000 | |
| G-070946 | 79107 | 14 | | Well not used in 2016. |
| G-071177-R1 | 225427 | 133 | 18,296,093 | |
| G-071178-R1 | 162859 | 144.83 | 42,538,700 | |
| G-071179 | 79340 | 120 | 52,135,680 | |
| G-071541 | 79703 | 128 | 38,907,608 | |
| G-072455-R1 | 206053 | 132 | 49,963,360 | |
| G-072667 | 80855 | 140 | 25,699,903 | |
| G-072681 | 80869 | 20 | 1,784,200 | |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|--|
| G-073172 | 81360 | 72 | 23,207,437 | |
| G-073798 | 82134 | 124 | 35,012,910 | |
| G-073863 | 82203 | 150 | 33,474,300 | Series Well w/ A-008164-R1 - 2 Wells each own meter. |
| G-074144 | 82484 | 134 | 40,572,149 | |
| G-074176 | 82517 | 130 | 48,053,619 | |
| G-074256 | 82601 | 73 | 31,253,400 | |
| G-074282 | 82627 | 134 | 37,922,000 | |
| G-074365 | 82710 | 127 | 24,139,906 | Estimate. |
| G-074392 | 82739 | 76.07 | 35,360,700 | |
| G-074662 | 83011 | 105 | 61,662,700 | |
| G-087416 | 99269 | 140 | 54,879,320 | |
| G-087842 | 99647 | 143 | 34,869,400 | |
| G-091120 | 102868 | 142 | 47,428,300 | |
| G-091407 | 102859 | 120 | 39,633,000 | |
| G-094083 | 107849 | 130 | 31,619,300 | |
| G-096150 | 109726 | 130 | 40,414,384 | |
| G-096555 | 109842 | 130 | 35,270,000 | |
| G-096676 | 112194 | 130 | 36,752,939 | |
| G-097707-R1 | 236661 | 143.3 | 44,484,768 | |
| G-100388 | 114419 | 145 | 41,777,400 | |
| G-109999 | 128947 | 225 | 31,224,927 | |
| G-110172 | 129232 | 134 | 47,330,000 | |
| G-116457 | 140343 | 130 | 33,239,211 | |
| G-116906 | 141679 | 75 | 34,425,000 | Estimate |
| G-118169 | 142719 | 136 | 50,823,598 | |
| G-119660 | 146805 | 88 | 24,140,449 | |
| G-121077 | 147633 | 152.8 | 42,396,500 | |
| G-121219 | 146009 | 120 | 39,737,500 | |
| G-121766 | 146008 | 150 | 47,939 | |
| G-121894 | 148344 | 181.97 | 34,352,100 | |
| G-122529 | 147634 | 78.2 | 13,733,800 | Supplemental to surface water. 9" |
| G-123303 | 149183 | 64 | 39,893,000 | |
| G-124617 | 152724 | 128 | 32,045,312 | |
| G-125286 | 152448 | 40 | 33,056,500 | |
| G-125287 | 152447 | 130 | 56,813,200 | |
| G-127496 | 153919 | 127 | 43,314,400 | |
| G-127559 | 155815 | 135 | 45,860,000 | |
| G-128172 | 154500 | 37.5 | 14,779,500 | |
| G-129150 | 154896 | 147 | 40,269,300 | Supplemental well |
| G-129257 | 160440 | 137 | 12,019,800 | Supplemental well. |
| G-129577 | 158376 | 120 | 20,296,300 | |
| G-129685 | 156989 | 136.2 | 9,938,364 | Supplemental well |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|---|
| G-129692 | 160438 | 140 | 43,905,600 | |
| G-130058 | 154894 | 95 | 54,552,657 | |
| G-130108 | 159812 | 75 | 40,282,956 | Supplemental. Used mostly surface water. |
| G-130225 | 160878 | 156 | 40,863,300 | |
| G-130559 | 156326 | 152.5 | 49,180,700 | |
| G-130635 | 159808 | 19 | 14,625,100 | |
| G-130699 | 161380 | 135.1 | 14,800 | Supplemental. Used surface water. |
| G-130801 | 154254 | 130 | 42,987,800 | |
| G-130918 | 161076 | 136 | 66,698,900 | |
| G-130954 | 162385 | 10 | 2,758,800 | |
| G-130969 | 161430 | 145 | | Supplemental Well - Not used in 2016 |
| G-131043 | 161371 | 148 | 46,865,200 | |
| G-131271 | 156876 | 130 | 1,276,700 | Supplemental well. Used mostly surface water. |
| G-131440 | 156871 | 124 | 1,765,400 | Supplemental Well - Used once |
| G-131490 | 154924 | 79.8 | 15,040,057 | |
| G-131622 | 155819 | 100 | 31,051,000 | Supplemental to surface water 9" |
| G-131623 | 155812 | 135 | 47,651,900 | |
| G-131726 | 162133 | 150.88 | 100,956,900 | |
| G-131774 | 163016 | 134 | 31,072,500 | |
| G-131925 | 162127 | 133.04 | 2,800 | Supplemental well. Used mostly surface water. |
| G-131927 | 161757 | 130 | 38,990,300 | |
| G-131930 | 162388 | 122.6 | 55,215,400 | |
| G-132158 | 163442 | 130 | 38,185,000 | |
| G-132168 | 160566 | 135 | 44,109,100 | |
| G-132241 | 165009 | 128 | 30,448,000 | Supplemental well |
| G-132339 | 156879 | 129.42 | 2,095,600 | Supplemental well. Used mostly surface water. |
| G-132340 | 156877 | 134.95 | 2,432,200 | Supplemental well. Used mostly surface water. |
| G-132341 | 156875 | 128 | 634,100 | Supplemental well. Used mostly surface water. |
| G-132344 | 156789 | 6 | 3,748,500 | |
| G-132359 | 160881 | 132 | 13,581,073 | Supplemental Well - Tri county watered Used [approx 3"] |
| G-132512 | 161373 | 135 | 49,696,000 | |
| G-132514 | 165545 | 165 | 3,900 | Surface Water only, used well few minutes to move |
| G-132529 | 161379 | 141.5 | 5,010,300 | Supplemental to surface water. |
| G-132531 | 161571 | 140 | 58,519,856 | |
| G-132532 | 161572 | 151.12 | 73,198,100 | |
| G-132544 | 159256 | 136.5 | 32,327,923 | |
| G-132547 | 159597 | 153.5 | 10,386,200 | Supplemental Well Used mostly Surface water in 2016 |
| G-132644 | 160439 | 157.6 | 73,504,200 | |
| G-132663 | 164229 | 154.3 | 33,940,327 | |
| G-132700 | 165015 | 132 | 93,731,000 | |
| G-132701 | 165016 | 132 | 98,758,400 | |
| G-132733 | 159884 | 160 | 35,533,100 | |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|--|
| G-132734 | 164687 | 115 | 63,158,574 | |
| G-132768 | 165657 | 140.1 | 18,040,800 | |
| G-132769 | 160567 | 144 | 60,047,400 | |
| G-132798 | 159254 | 130 | 14,826,084 | Supplemental well. |
| G-132840 | 160488 | 151 | 35,076,200 | |
| G-133038 | 165739 | 130 | 39,348,500 | |
| G-133180 | 161381 | 144.7 | 2,431,300 | Supplemental. Used mostly surface water in 2016. |
| G-133181 | 161382 | 141.9 | 2,381,500 | Supplemental. Used mostly surface water in 2016. |
| G-133233 | 162390 | 117 | 48,931,200 | |
| G-133234 | 161749 | 115 | 44,031,600 | |
| G-133235 | 158379 | 117 | 9,189,100 | |
| G-133352 | 162136 | 135 | 36,388,803 | |
| G-133405 | 165547 | 120 | 38,935,500 | |
| G-133416 | 165335 | 52 | 27,981,300 | |
| G-133421 | 161383 | 101 | 36,406,725 | |
| G-133426 | 165471 | 65 | 21,826,900 | |
| G-133471 | 163782 | 130 | 38,844,200 | |
| G-133725 | 162123 | 130 | 35,806,600 | |
| G-133759 | 160323 | 87 | 28,666,477 | |
| G-133929 | 164406 | 75 | 46,406,900 | |
| G-133952 | 166448 | | 3,399,400 | Well Used to fill Mosaic Pond |
| G-134113 | 166449 | 111 | 40,529,400 | |
| G-134130 | 162140 | 130 | 58,920,600 | |
| G-134132 | 162139 | 67 | 19,283,900 | |
| G-134186 | 166699 | 75 | 2,372,445 | Supplemental well. |
| G-134199 | 162134 | 130 | 42,959,800 | |
| G-134206 | 166528 | 123.5 | 3,604,900 | Supplemental Well - Used a couple of times in 2016 |
| G-134230 | 166010 | 130.47 | 23,329,300 | |
| G-134566 | 160564 | 123 | 44,641,200 | |
| G-134706 | 167566 | 140 | | Supplemental well. Not used in 2016. |
| G-134879 | 162601 | 65 | 4,457,000 | Supplemental Well - Used a little in 2016 -15" surface water |
| G-135119 | 169328 | 156.3 | 27,715,200 | Used Surface Water |
| G-135169 | 166605 | 120 | 47,427,600 | |
| G-135192 | 167715 | 135 | 4,586,300 | Supplemental well |
| G-135193 | 167716 | 65 | 10,150,800 | |
| G-135213 | 166040 | 86 | 17,307,500 | |
| G-135516 | 169018 | 120 | 48,489,400 | |
| G-135532 | 160565 | 140 | 10,553,300 | Supplemental well. |
| G-135822 | 169468 | 99.6 | 24,596,200 | |
| G-135950 | 161750 | 136 | | Supplemental well. Not used in 2016. |
| G-136259 | 169013 | 72 | 19,785,900 | |
| G-136650 | 169774 | 135 | 46,530,900 | |
| G-136691 | 165017 | 135 | 17,452,800 | Supplemental to surface |
| G-137318 | 169448 | 110 | 42,374,000 | |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|---|
| G-137329 | 169841 | 134.3 | 41,850,000 | |
| G-137381 | 170158 | 145 | 10,968,043 | Supplemental Well |
| G-137402 | 170172 | 145 | 41,406,863 | |
| G-137403 | 170742 | 72 | 22,353,000 | |
| G-137447 | 165018 | 135 | 29,254,900 | Supplemental Well -3 corners watered with surface water. |
| G-137937 | 172642 | 134 | 76,173,600 | |
| G-137967 | 166808 | 292 | 29,400 | Supplemental well. |
| G-138203 | 172442 | 155 | 59,696,439 | |
| G-138280 | 162142 | 66 | 32,816,900 | |
| G-138416 | 162122 | 145 | 26,169,800 | |
| G-138534 | 172370 | 150 | 46,968,002 | |
| G-138594 | 172862 | 74.6 | 10,368,000 | |
| G-139059 | 172599 | 100 | 35,100,000 | Estimate. |
| G-139271 | 170679 | 120 | 28,742,400 | |
| G-139360 | 165336 | 40 | 47,067,900 | |
| G-139572 | 169042 | 100 | 31,956,600 | |
| G-140625 | 172547 | 130 | 3,602,300 | Supplemental Well. Used once in 2016 |
| G-141518 | 173834 | 65 | 19,070,800 | |
| G-141860 | 177863 | 93.3 | 14,686,430 | Supplemental well. |
| G-142036 | 170682 | 59 | 24,944,900 | Supplemental well |
| G-142430 | 178761 | 130 | 26,509,200 | Supplemental Well |
| G-142530 | 173630 | 139 | 35,990,600 | |
| G-142566 | 178584 | | | Supplemental Well - Did Not Use in 2016 |
| G-142967 | 178585 | 215 | 54,982,900 | |
| G-143253 | 177864 | 243 | 441,300 | Supplemental well. |
| G-144298 | 182757 | 65 | 24,000,000 | Estimate from hours - Will replace meter |
| G-144555 | 181381 | 150 | | Supplemental well. Not used in 2016. E394 |
| G-144716 | 182053 | 145 | 48,691,100 | |
| G-144783 | 183104 | 135 | 35,915,000 | |
| G-144784 | 180131 | 76 | 10,671,522 | |
| G-144823 | 182952 | 205 | 44,900 | Supplemental well. Only used for water for cattle through winter. |
| G-144980 | 182209 | 135 | 52,425,100 | |
| G-145042 | 183105 | 100 | 34,450,200 | |
| G-145565-R1 | 190217 | 130 | 39,994,040 | |
| G-145863 | 185009 | 132 | 6,263,200 | Supplemental Well. Used very Little |
| G-145885 | 178762 | | | Well not used in 2016 |
| G-145993 | 183670 | | | Supplemental Well -Not Used in 2016 |
| G-146977 | 180054 | 50 | 28,069,800 | |
| G-147124 | 182953 | 150 | 1,973,600 | Supplemental. Used mostly surface water. |
| G-147456 | 188634 | 65 | 12,330,359 | |
| G-147457 | 188635 | 130 | 46,270,959 | |
| G-148411 | 189364 | 135.31 | 58,954,200 | |
| G-148565 | 187309 | 131.7 | | Supplemental Well -Not Used in 2016 |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|---|
| G-148621 | 191026 | 75 | 23,405,390 | |
| G-148622 | 190543 | | | Supplemental Well -Not Used in 2016 |
| G-148685 | 188800 | 125 | 38,972,506 | |
| G-148702 | 189813 | 94 | 48,515,508 | |
| G-148743 | 187694 | | | Well Not Used in 2016 -Supplemental Well |
| G-149188 | 191318 | 134 | 41,811,000 | |
| G-149618 | 192106 | 132 | 43,357,063 | |
| G-149663 | 191521 | 74 | 19,910,942 | |
| G-149890 | 191025 | 87 | 25,394,149 | 40 acres irrigated grass |
| G-150891 | 187697 | 129 | 38,683,100 | Supplemental Well - 4.8" surface water used |
| G-151663 | 191248 | 62 | 21,496,192 | |
| G-152478 | 197495 | 148.2 | 401,607 | Didn't really use well, ran once. Used Surface water in 2016 |
| G-152676 | 191017 | 125 | 38,823,431 | |
| G-152707 | 197427 | 147 | 4,898,100 | Supplemental well. |
| G-153081 | 197627 | 68 | 11,220,000 | Estimate. |
| G-153624 | 199985 | 100 | 26,954,961 | |
| G-157641 | 202660 | 121 | | Only used well to flush pivot. Used surface water for irrigation. |
| G-158114 | 208108 | 72 | 20,121,114 | |
| G-159284 | 208463 | 162.8 | 52,116,943 | |
| G-161020 | 213049 | 128 | 66,422,400 | Potatoes |
| G-161031 | 214156 | 30 | 26,122,148 | |
| G-161519 | 208462 | 67 | 11,426,500 | |
| G-162791 | 215361 | 10 | 16,452,880 | |
| G-162926 | 216452 | 74.5 | 24,310,433 | |
| G-164032 | 219279 | 155 | 45,167,148 | |
| G-164644 | 218534 | 160 | 43,679,109 | |
| G-164765 | 217905 | | | Supplemental Well -Not used in 2016 |
| G-165055 | 220042 | 148 | 1,436,638 | Supplemental Well 6.5" surface water used |
| G-165537 | 215283 | 48 | 29,109,088 | |
| G-165597 | 218166 | 75 | 30,420,626 | Used well to water cattle during winter. |
| G-166011 | 221015 | 130 | 48,182,600 | |
| G-166108 | 222272 | 67 | 21,867,930 | |
| G-166557 | 217687 | 124 | 52,372,734 | |
| G-166720 | 222354 | 148 | 30,543,633 | |
| G-167012 | 221958 | 31.8 | 13,340,217 | |
| G-167286 | 223104 | 144 | 27,271,033 | |
| G-167416 | 222557 | 77.1 | 40,074,144 | |
| G-167483 | 224220 | 105 | 5,231,490 | Supplemental well. |
| G-167695 | 221189 | 127 | 49,963 | Supplemental well. Barely any movement in meter. |
| G-167696 | 221856 | 130 | 8,657,781 | Supplemental well. |
| G-167697 | 222232 | 62 | 3,780,108 | Supplemental |

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| DNR Well Reg # | DNR Well ID # | Acres Reported | Gallons Used | Comments |
|----------------|---------------|----------------|--------------|--|
| G-167700 | 222753 | 150 | | Did not use in 2016. Supplemental well. |
| G-167889 | 222616 | 76 | 17,011,166 | |
| G-167954 | 223105 | 76 | 58,029,455 | |
| G-168005 | 223141 | 57 | 5,637,985 | |
| G-168610 | 217989 | 143 | 33,219,660 | |
| G-169763 | 225845 | 43 | | Supplemental well. Used only surface water in 2016. |
| G-169866 | 224583 | 62 | 24,232,501 | |
| G-170249 | 228482 | 122 | 46,656,545 | |
| G-170384 | 228390 | 155 | 71,883,426 | |
| G-170397 | 222559 | 79.39 | 4,721,809 | Supplemental well. |
| G-170400 | 226797 | 67 | 27,689,476 | |
| G-171454 | 229850 | 81.4 | 9,194,616 | Supplemental well |
| G-171471 | 229476 | 65 | 11,752,600 | |
| G-171948 | 228629 | 133 | 33,508,850 | |
| G-172064 | 227073 | | | Supplemental Well -Not Used in 2016 |
| G-172337 | 230621 | 130.5 | 1,517,365 | Supplemental well. |
| G-172642 | 226828 | 137 | 15,169,582 | |
| G-172798 | 230409 | 143.17 | 16,986,727 | Supplemental to Surface. 9" |
| G-173699 | 230989 | 171 | 43,398,337 | |
| G-174251 | 230397 | 100 | 10,553,402 | |
| G-174557 | 230623 | 80 | 12,203,007 | |
| G-174591 | 234579 | 82 | 2,449,290 | Supplemental Well 16.2 surface water acres used |
| G-174932 | 232741 | 123 | 9,252,726 | Supplemental Well |
| G-175697 | 225514 | 75 | 56,145,239 | |
| G-175830 | 235770 | 35 | 8,261,333 | |
| G-175946 | 231156 | 113.65 | 15,365,090 | |
| G-175949 | 236660 | 108 | 1,324,572 | Supplemental well |
| G-176126 | 235952 | 116 | | Supplemental well. Not used in 2016. |
| G-176401 | 236745 | 15 | 10,117,037 | 156 acres potatoes |
| G-177578 | 239253 | 21.4 | 24,548,845 | |
| G-178033 | 240120 | 260 | 1,861,135 | Supplemental well. Meter in late. Used mostly surface water. |
| G-178903 | 240974 | 132 | 31,194,786 | |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-024713 | NE 1/4 | 5 | 16 | 4 | 142.2 | No Till |
| G-067072 | NE 1/4 | 5 | 16 | 5 | 70 | No Till |
| G-025035 | SW 1/4 | 5 | 16 | 5 | 73 | No Till |
| G-023406 | SW 1/4 | 5 | 16 | 7 | 126.53 | No Till |
| G-030567 | NE 1/4 | 5 | 16 | 7 | 129.56 | No Till |
| G-025915 | SW 1/4 | 5 | 16 | 8 | 66 | No Till |
| G-069714 | NE 1/4 | 5 | 16 | 8 | 135 | No Till |
| G-016226 | NW 1/4 | 5 | 16 | 17 | 68.2 | No Till |
| G-073554 | NE 1/4 | 5 | 16 | 17 | 78 | No Till |
| G-061236 | SW 1/4 | 5 | 16 | 17 | 122 | No Till |
| G-130632 | SW of NW 1/4 | 5 | 16 | 18 | 125 | No Till |
| G-086748 | NW 1/4 | 5 | 16 | 19 | 118 | No Till |
| G-115336 | SW 1/4 | 5 | 16 | 19 | 126 | No Till |
| G-127045 | SE of SE 1/4 | 5 | 16 | 19 | 130 | No Till |
| G-071117 | SW 1/4 | 5 | 16 | 20 | 64 | No Till |
| G-030857 | NW 1/4 | 5 | 16 | 21 | 14 | No Till |
| G-006759 | SE 1/4 | 5 | 16 | 21 | 77 | No Till |
| G-064303 | NW 1/4 | 5 | 16 | 21 | 150 | No Till |
| G-039492 | SW 1/4 | 5 | 16 | 21 | 160 | No Till |
| G-008191 | SE 1/4 | 5 | 16 | 22 | 66.7 | No Till |
| G-023920 | NE 1/4 | 5 | 16 | 22 | 125 | No Till |
| G-042526 | NW 1/4 | 5 | 16 | 22 | 125 | No Till |
| G-002334 | SW 1/4 | 5 | 16 | 22 | 180 | No Till |
| G-068947 | NE 1/4 | 5 | 16 | 23 | 143 | No Till |
| G-076259 | SE 1/4 | 5 | 16 | 23 | 150 | Minimum Till |
| G-013965 | SW 1/4 | 5 | 16 | 23 | 155 | No Till |
| G-057755 | NW 1/4 | 5 | 16 | 23 | 155 | Minimum Till |
| G-013352 | SW 1/4 | 5 | 16 | 24 | 131 | No Till |
| G-120952 | SE of SW 1/4 | 5 | 16 | 26 | 143 | Minimum Till |
| G-011958 | NW 1/4 | 5 | 16 | 26 | 158.61 | No Till |
| G-001416 | NW 1/4 | 5 | 16 | 27 | 40 | No Till |
| G-045032 | SW 1/4 | 5 | 16 | 27 | 136 | No Till |
| G-053935 | NE 1/4 | 5 | 16 | 27 | 150 | Minimum Till |
| G-028128 | SW 1/4 | 5 | 16 | 28 | 140 | No Till |
| G-025009 | SW 1/4 | 5 | 16 | 29 | 25 | No Till |
| G-037547 | NE 1/4 | 5 | 16 | 29 | 32 | No Till |
| G-025010 | NW 1/4 | 5 | 16 | 29 | 55 | No Till |
| G-065030 | SE 1/4 | 5 | 16 | 29 | 65 | No Till |
| G-067052 | SW 1/4 | 5 | 16 | 29 | 74 | No Till |
| G-013963 | NE 1/4 | 5 | 16 | 29 | 108 | No Till |
| G-020298 | NW 1/4 | 5 | 16 | 30 | 64.5 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|------------------------------------|--------|-------|---------|-----------------|------------------|
| G-028336 | SW 1/4 | 5 | 16 | 31 | 30.8 | No Till |
| G-013511 | NW 1/4 | 5 | 16 | 31 | 31.3 | No Till |
| G-023721 | SW 1/4 | 5 | 16 | 31 | 59.3 | Minimum Till |
| G-026087 | SW 1/4 | 5 | 16 | 32 | 160 | No Till |
| G-050075 | SW 1/4 | 5 | 16 | 33 | 130 | No Till |
| G-035158 | NW 1/4 | 5 | 16 | 34 | 64 | No Till |
| G-039968 | NE 1/4 | 5 | 16 | 34 | 65 | No Till |
| G-050365 | SW 1/4 | 5 | 16 | 35 | 40 | No Till |
| G-034806 | SW 1/4 | 5 | 16 | 35 | 75 | Minimum Till |
| G-002671 | NW 1/4 | 5 | 16 | 35 | 130 | No Till |
| G-023069 | NE 1/4 | 5 | 16 | 36 | 140 | Minimum Till |
| G-030141 | SW 1/4 | 5 | 16 | 36 | 150 | No Till |
| G-074588 | SE 1/4 | 5 | 16 | 36 | 155 | No Till |
| G-027064 | SE 1/4 | 5 | 17 | 2 | 80 | No Till |
| G-044612 | NE 1/4 | 5 | 17 | 4 | 140 | Minimum Till |
| G-030736 | SE 1/4 | 5 | 17 | 4 | 147 | Minimum Till |
| G-010454 | lots 11, 12, 17, & 18 | 5 | 17 | 6 | 140 | Minimum Till |
| G-018114 | lots 13, 14, pts of 15, 16 | 5 | 17 | 6 | 146 | Minimum Till |
| G-062245 | pts of S2 of NE 1/4 & N2 of SE 1/4 | 5 | 17 | 7 | 115 | No Till |
| G-063852 | NE 1/4 | 5 | 17 | 7 | 131.9 | No Till |
| G-039890 | SW 1/4 | 5 | 17 | 9 | 30 | Minimum Till |
| G-052284 | NW 1/4 | 5 | 17 | 9 | 67 | No Till |
| G-024394 | SE 1/4 | 5 | 17 | 9 | 70 | Minimum Till |
| G-032082 | NE 1/4 | 5 | 17 | 9 | 140 | No Till |
| A-006726 | NW 1/4 | 5 | 17 | 10 | 13 | No Till |
| G-033160 | NW 1/4 | 5 | 17 | 10 | 132 | No Till |
| A-007010 | SE 1/4 | 5 | 17 | 11 | 74 | No Till |
| G-025032 | NE 1/4 | 5 | 17 | 13 | 77 | No Till |
| G-052826 | NW 1/4 | 5 | 17 | 13 | 130 | No Till |
| G-031733 | SW 1/4 | 5 | 17 | 13 | 135.7 | No Till |
| G-072383 | NE 1/4 | 5 | 17 | 14 | 113.15 | No Till |
| G-087522 | NW 1/4 | 5 | 17 | 14 | 130.63 | No Till |
| G-083647 | SW 1/4 | 5 | 17 | 14 | 135.74 | No Till |
| G-035141 | SE 1/4 | 5 | 17 | 15 | 65 | No Till |
| G-053691 | SW 1/4 | 5 | 17 | 15 | 130 | No Till |
| G-023301 | NW 1/4 | 5 | 17 | 15 | 130 | No Till |
| G-035422 | SW 1/4 | 5 | 17 | 16 | 110 | No Till |
| G-067725 | NE 1/4 | 5 | 17 | 16 | 130 | No Till |
| A-008150 | NW 1/4 | 5 | 17 | 16 | 135 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|------------------------|--------|-------|---------|-----------------|------------------|
| G-146199 | NE1/4 | 5 | 17 | 16 | 135 | No Till |
| G-071535 | lots 13 & pt S2 lot 12 | 5 | 17 | 18 | 60.04 | No Till |
| G-041544 | lots 3-6 | 5 | 17 | 19 | 76 | No Till |
| G-061141 | NW 1/4 | 5 | 17 | 20 | 131.5 | No Till |
| G-165675 | NW 1/4 | 5 | 17 | 21 | 43 | No Till |
| G-042382 | NW 1/4 | 5 | 17 | 21 | 58 | No Till |
| G-091242 | NE 1/4 | 5 | 17 | 21 | 60 | No Till |
| G-074567 | NE 1/4 | 5 | 17 | 22 | 76 | No Till |
| G-036947 | SE 1/4 | 5 | 17 | 23 | 64 | No Till |
| G-091805 | NW 1/4 | 5 | 17 | 24 | 67.5 | Minimum Till |
| G-025073 | SE 1/4 | 5 | 17 | 24 | 130 | No Till |
| G-067974 | SW 1/4 | 5 | 17 | 24 | 130 | No Till |
| G-020559 | NE 1/4 | 5 | 17 | 24 | 133 | No Till |
| G-069535 | SE 1/4 | 5 | 17 | 25 | 53 | No Till |
| G-028013 | NE 1/4 | 5 | 17 | 25 | 130 | No Till |
| G-048083 | NW 1/4 | 5 | 17 | 25 | 130 | No Till |
| G-060870 | SW 1/4 | 5 | 17 | 26 | 61.7 | No Till |
| G-128350 | NE of NE 1/4 | 5 | 17 | 26 | 64 | No Till |
| G-128351 | SW of SE 1/4 | 5 | 17 | 26 | 85 | No Till |
| G-056775 | NW 1/4 | 5 | 17 | 26 | 140 | No Till |
| G-063123 | SE 1/4 | 5 | 17 | 29 | 130 | No Till |
| G-074324 | lots 11, 12, 13, & 14 | 5 | 17 | 31 | 141 | No Till |
| G-053486 | SE 1/4 | 5 | 17 | 33 | 64 | No Till |
| G-051199 | SW 1/4 | 5 | 17 | 33 | 67 | No Till |
| G-025739 | SW 1/4 | 5 | 17 | 33 | 67.5 | No Till |
| G-028120 | NW 1/4 | 5 | 17 | 34 | 66 | No Till |
| G-170025 | NW 1/4 | 5 | 17 | 35 | 60 | No Till |
| G-115347 | SW 1/4 | 5 | 17 | 35 | 120 | No Till |
| G-030282 | NE 1/4 | 5 | 17 | 35 | 125 | No Till |
| G-051378 | SE 1/4 | 5 | 17 | 35 | 125 | No Till |
| G-054318 | NE 1/4 | 5 | 17 | 36 | 43 | No Till |
| G-029273 | NW 1/4 | 5 | 17 | 36 | 74 | No Till |
| G-047270 | SE 1/4 | 5 | 18 | 1 | 55 | No Till |
| G-018931 | NW 1/4 | 5 | 18 | 3 | 78 | No Till |
| G-023376 | SW 1/4 | 5 | 18 | 6 | 67 | No Till |
| G-003499 | NW 1/4 | 5 | 18 | 7 | 63 | No Till |
| G-074706 | NE 1/4 | 5 | 18 | 8 | 145 | No Till |
| G-015350 | NW 1/4 | 5 | 18 | 8 | 154 | No Till |
| A-005838 | NE 1/4 | 5 | 18 | 10 | 10 | No Till |
| G-074474 | NE 1/4 | 5 | 18 | 10 | 145 | No Till |
| G-022762 | NE 1/4 | 5 | 18 | 11 | 62 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-024376 | SW 1/4 | 5 | 18 | 12 | 64 | No Till |
| G-165018 | NE 1/4 | 5 | 18 | 12 | 82 | No Till |
| G-126616 | NW 1/4 | 5 | 18 | 12 | 185 | No Till |
| G-062292B | SE 1/4 | 5 | 18 | 13 | 157 | No Till |
| G-027808 | SE 1/4 | 5 | 18 | 16 | 97 | No Till |
| G-048441 | NE 1/4 | 5 | 18 | 16 | 110 | No Till |
| G-028692 | SW 1/4 | 5 | 18 | 17 | 130 | No Till |
| G-037902 | NE 1/4 | 5 | 18 | 17 | 156 | No Till |
| G-066990 | NW 1/4 | 5 | 18 | 17 | 156 | No Till |
| G-021705 | NW 1/4 | 5 | 18 | 18 | 76 | No Till |
| G-095680 | NE 1/4 | 5 | 18 | 18 | 130 | Minimum Till |
| G-059221 | SE 1/4 | 5 | 18 | 19 | 115 | No Till |
| G-015354 | SW 1/4 | 5 | 18 | 19 | 140 | No Till |
| G-072701 | NW 1/4 | 5 | 18 | 20 | 130 | No Till |
| G-005936 | SW 1/4 | 5 | 18 | 20 | 130 | No Till |
| G-062981 | NE 1/4 | 5 | 18 | 21 | 147 | No Till |
| G-022590 | NW 1/4 | 5 | 18 | 22 | 155 | No Till |
| G-044991 | SE 1/4 | 5 | 18 | 22 | 155 | No Till |
| G-031620 | NW 1/4 | 5 | 18 | 23 | 133.6 | No Till |
| G-070513 | SW 1/4 | 5 | 18 | 23 | 155 | No Till |
| G-022098 | NW 1/4 | 5 | 18 | 24 | 65 | No Till |
| G-129695 | NW of SW 1/4 | 5 | 18 | 25 | 68.1 | No Till |
| G-030822 | NW 1/4 | 5 | 18 | 25 | 158 | Minimum Till |
| G-031086 | SE 1/4 | 5 | 18 | 27 | 142 | No Till |
| G-050678 | NE 1/4 | 5 | 18 | 27 | 154 | No Till |
| G-025488 | SE 1/4 | 5 | 18 | 28 | 119 | No Till |
| G-070514 | NW 1/4 | 5 | 18 | 28 | 129 | No Till |
| G-041704 | SW 1/4 | 5 | 18 | 30 | 68 | No Till |
| G-000802 | NW 1/4 | 5 | 18 | 30 | 136 | No Till |
| G-040134 | NW 1/4 | 5 | 18 | 31 | 126 | No Till |
| G-069042 | SW 1/4 | 5 | 18 | 31 | 134 | No Till |
| G-022971 | SE 1/4 | 5 | 18 | 32 | 130 | No Till |
| G-129056 | NE of NE 1/4 | 5 | 18 | 32 | 133.5 | No Till |
| G-042013 | NW 1/4 | 5 | 18 | 32 | 145 | No Till |
| G-119626 | SE of SE 1/4 | 5 | 18 | 36 | 66.8 | No Till |
| G-026055 | NW 1/4 | 5 | 19 | 1 | 130 | No Till |
| G-055772 | NE 1/4 | 5 | 19 | 2 | 86 | No Till |
| G-035658 | SE 1/4 | 5 | 19 | 4 | 147 | No Till |
| G-028636 | NW 1/4 | 5 | 19 | 5 | 138 | No Till |
| G-044680 | NE 1/4 | 5 | 19 | 5 | 146 | No Till |
| G-120087 | Cent of SW 1/4 | 5 | 19 | 6 | 67 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|-----------------|--------|-------|---------|-----------------|------------------|
| G-060748 | NE 1/4 | 5 | 19 | 6 | 128 | No Till |
| G-039462 | SE 1/4 | 5 | 19 | 6 | 130 | No Till |
| G-039385 | NW 1/4 | 5 | 19 | 7 | 64 | No Till |
| G-115304 | SE | 5 | 19 | 7 | 118 | No Till |
| A-007514 | SW 1/4 | 5 | 19 | 7 | 130 | No Till |
| G-005935 | NE 1/4 | 5 | 19 | 7 | 140 | No Till |
| G-052581 | SE 1/4 | 5 | 19 | 8 | 146.8 | No Till |
| G-001256 | SE 1/4 | 5 | 19 | 9 | 145 | No Till |
| G-024222 | SW 1/4 | 5 | 19 | 11 | 132 | No Till |
| G-012366 | NE 1/4 | 5 | 19 | 11 | 142 | No Till |
| G-041783 | SE 1/4 | 5 | 19 | 11 | 147 | No Till |
| G-022334 | NW 1/4 | 5 | 19 | 12 | 7 | No Till |
| G-09150 | SE 1/4 | 5 | 19 | 12 | 80 | No Till |
| G-056969 | NW 1/4 | 5 | 19 | 12 | 140 | No Till |
| G-025998 | SW 1/4 | 5 | 19 | 13 | 87 | No Till |
| G-086015 | SW 1/4 | 5 | 19 | 13 | 145 | No Till |
| G-040491 | SE 1/4 | 5 | 19 | 13 | 152 | No Till |
| G-070221 | SE 1/4 | 5 | 19 | 14 | 69 | No Till |
| G-045600 | NW 1/4 | 5 | 19 | 14 | 128 | No Till |
| G-020404 | SW 1/4 | 5 | 19 | 14 | 130 | No Till |
| G-027644 | NE 1/4 | 5 | 19 | 14 | 150 | No Till |
| G-129594 | NE of NE 1/4 | 5 | 19 | 16 | 46 | No Till |
| G-169903 | N 1/2 of NW 1/4 | 5 | 19 | 16 | 66 | No Till |
| G-134076 | SW of NW 1/4 | 5 | 19 | 17 | 145 | No Till |
| G-061307 | SW 1/4 | 5 | 19 | 18 | 62 | No Till |
| G-032103 | NW NE 1/4 | 5 | 19 | 18 | 75 | No Till |
| G-090649 | NE 1/4 | 5 | 19 | 19 | 131 | No Till |
| G-015987 | SW 1/4 | 5 | 19 | 19 | 148 | No Till |
| G-109792 | NW 1/4 | 5 | 19 | 19 | 157 | No Till |
| G-059220 | SW 1/4 | 5 | 19 | 20 | 150 | No Till |
| G-073389 | NW 1/4 | 5 | 19 | 20 | 155 | No Till |
| A-007273 | SE 1/4 | 5 | 19 | 23 | 135 | No Till |
| G-116848 | SW 1/4 | 5 | 19 | 23 | 152 | No Till |
| G-032287 | SW 1/4 | 5 | 19 | 24 | 133 | No Till |
| G-073420 | NE 1/4 | 5 | 19 | 25 | 130 | No Till |
| G-119670 | NW 1/4 | 5 | 19 | 25 | 140 | No Till |
| G-034186 | SW 1/4 | 5 | 19 | 25 | 143 | No Till |
| G-024341 | NE 1/4 | 5 | 19 | 26 | 145 | No Till |
| G-049567 | SE 1/4 | 5 | 19 | 26 | 145 | No Till |
| G-028487 | SW 1/4 | 5 | 19 | 26 | 152 | Minimum Till |
| G-036688 | NW 1/4 | 5 | 19 | 27 | 72 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|-----------------------|--------|-------|---------|-----------------|------------------|
| G-022556 | NE 1/4 | 5 | 19 | 27 | 122 | No Till |
| G-039990 | SW 1/4 | 5 | 19 | 27 | 141.8 | No Till |
| G-054401 | SW 1/4 | 5 | 19 | 28 | 134 | No Till |
| G-022155 | NE 1/4 | 5 | 19 | 28 | 145.6 | No Till |
| G-037484 | NW 1/4 | 5 | 19 | 29 | 145 | No Till |
| G-094006 | SW 1/4 | 5 | 19 | 29 | 158 | No Till |
| G-029791 | SE 1/4 | 5 | 19 | 29 | 158.7 | No Till |
| G-094233 | NE 1/4 | 5 | 19 | 31 | 81 | No Till |
| G-096952 | NW 1/4 | 5 | 19 | 31 | 130 | No Till |
| G-096953 | SW 1/4 | 5 | 19 | 31 | 135 | No Till |
| G-094234 | SE 1/4 | 5 | 19 | 31 | 163 | No Till |
| G-053938 | NE 1/4 | 5 | 19 | 32 | 177 | No Till |
| G-025704 | SW 1/4 | 5 | 19 | 33 | 156 | No Till |
| G-025056 | NE 1/4 | 5 | 19 | 35 | 140 | No Till |
| G-025164 | NW 1/4 | 5 | 19 | 35 | 153.1 | No Till |
| G-030784 | SW 1/4 | 5 | 19 | 36 | 126 | No Till |
| G-106128 | SE 1/4 | 5 | 19 | 36 | 137 | No Till |
| G-040116 | NE 1/4 | 5 | 19 | 36 | 145 | No Till |
| G-026631 | NW 1/4 | 6 | 16 | 5 | 79.4 | No Till |
| G-123407 | NE 1/4 | 6 | 16 | 5 | 135 | No Till |
| G-016296 | SW 1/4 | 6 | 16 | 21 | 134.75 | No Till |
| G-010390 | NE 1/4 | 6 | 16 | 21 | 187 | Minimum Till |
| G-009596 | NE of SE 1/4 | 6 | 16 | 29 | 71.6 | No Till |
| G-036074 | SE 1/4 | 6 | 16 | 32 | 40 | No Till |
| G-057571 | NW 1/4 | 6 | 16 | 32 | 63 | No Till |
| G-081367 | SW 1/4 | 6 | 16 | 32 | 171.1 | No Till |
| G-130559 | SW of SW 1/4 | 6 | 17 | 3 | 155 | No Till |
| G-132996 | SW of NW 1/4 | 6 | 17 | 5 | 65 | No Till |
| G-003937 | lots ll, 12, 17, & 18 | 6 | 17 | 6 | 150 | Minimum Till |
| G-100986 | lots pts 5, 6, 7, & 8 | 6 | 17 | 6 | 1350 | No Till |
| G-053867 | lots 1, 2, 7 & 8 | 6 | 17 | 7 | 142 | Minimum Till |
| G-039539 | lots 9, 10, 15 & 16 | 6 | 17 | 7 | 152 | Minimum Till |
| G-133416 | NW of NW 1/4 | 6 | 17 | 8 | 64 | No Till |
| G-027040 | NE 1/4 | 6 | 17 | 11 | 97 | Minimum Till |
| G-132798 | NE of NE 1/4 | 6 | 17 | 17 | 66 | No Till |
| G-132585 | SE of SE 1/4 | 6 | 17 | 17 | 135 | Minimum Till |
| G-065948 | NW 1/4 | 6 | 17 | 17 | 158 | Minimum Till |
| G-036220 | NE 1/4 | 6 | 17 | 23 | 227 | No Till |
| G-060677 | SW 1/4 | 6 | 17 | 25 | 67 | No Till |
| G-126657 | NW of NW 1/4 | 6 | 17 | 25 | 73.7 | No Till |
| G-068903 | NE 1/4 | 6 | 17 | 26 | 134.8 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-033196 | SE 1/4 | 6 | 17 | 26 | 135 | No Till |
| G-026335 | SE 1/4 | 6 | 17 | 28 | 53 | No Till |
| G-047646 | SW 1/4 | 6 | 17 | 34 | 65 | No Till |
| G-074644 | NE 1/4 | 6 | 17 | 35 | 78.5 | No Till |
| G-005391 | NW 1/4 | 6 | 17 | 35 | 135 | No Till |
| G-011743 | NE 1/4 | 6 | 17 | 36 | 13 | No Till |
| G-052389 | NE 1/4 | 6 | 17 | 36 | 74 | No Till |
| G-015957 | SW 1/4 | 6 | 18 | 1 | 150 | Minimum Till |
| G-061063 | NE 1/4 | 6 | 18 | 2 | 153.5 | No Till |
| G-069282 | SW 1/4 | 6 | 18 | 3 | 105 | No Till |
| G-113765 | NW 1/4 | 6 | 18 | 3 | 135 | No Till |
| G-134566 | NW of NW 1/4 | 6 | 18 | 6 | 123 | No Till |
| G-131624 | SW of NW 1/4 | 6 | 18 | 7 | 68 | No Till |
| G-023699 | NW 1/4 | 6 | 18 | 9 | 65 | No Till |
| G-133038 | NE 1/4 | 6 | 18 | 9 | 148 | No Till |
| G-008028 | NW 1/4 | 6 | 18 | 10 | 103.2 | No Till |
| G-015956 | NW 1/4 | 6 | 18 | 12 | 135 | Minimum Till |
| G-015125 | NE 1/4 | 6 | 18 | 12 | 152 | Minimum Till |
| G-007764 | NE 1/4 | 6 | 18 | 13 | 148 | No Till |
| G-013612 | NW 1/4 | 6 | 18 | 15 | 121.5 | No Till |
| G-129356 | NE 1/4 | 6 | 18 | 16 | 78 | No Till |
| G-031315 | SE 1/4 | 6 | 18 | 16 | 131 | No Till |
| G-071933 | SW 1/4 | 6 | 18 | 17 | 131 | No Till |
| G-041561 | NE 1/4 | 6 | 18 | 20 | 152 | No Till |
| G-030693 | NW 1/4 | 6 | 18 | 20 | 154 | No Till |
| G-044283 | SE 1/4 | 6 | 18 | 20 | 158 | No Till |
| G-044258 | SW 1/4 | 6 | 18 | 20 | 159 | No Till |
| G-008006 | SW 1/4 | 6 | 18 | 21 | 138 | No Till |
| G-044968 | NE 1/4 | 6 | 18 | 21 | 138 | No Till |
| G-074759 | NW 1/4 | 6 | 18 | 21 | 150 | No Till |
| G-069776 | SE 1/4 | 6 | 18 | 21 | 162 | No Till |
| G-045284 | SE 1/4 | 6 | 18 | 22 | 40.9 | No Till |
| G-004679 | SW 1/4 | 6 | 18 | 22 | 70.4 | No Till |
| G-059302 | SE of NW | 6 | 18 | 22 | 131.1 | No Till |
| G-041717 | SE 1/4 | 6 | 18 | 23 | 97 | Minimum Till |
| G-071351 | SE 1/4 | 6 | 18 | 25 | 7 | No Till |
| G-037321 | NW 1/4 | 6 | 18 | 25 | 147 | No Till |
| G-028924 | SW 1/4 | 6 | 18 | 25 | 153 | No Till |
| G-028923 | SE 1/4 | 6 | 18 | 25 | 158 | No Till |
| G-024356 | NW of SW 1/4 | 6 | 18 | 26 | 47 | No Till |
| G-120881 | SE 1/4 | 6 | 18 | 27 | 31.8 | Minimum Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-008029 | SW 1/4 | 6 | 18 | 27 | 73.5 | No Till |
| G-039450 | SE 1/4 | 6 | 18 | 27 | 86 | No Till |
| G-026280 | NW 1/4 | 6 | 18 | 27 | 136 | No Till |
| G-006859 | NE 1/4 | 6 | 18 | 28 | 144.5 | No Till |
| G-057628 | NE 1/4 | 6 | 18 | 29 | 110 | No Till |
| G-003580 | SE 1/4 | 6 | 18 | 30 | 51 | No Till |
| G-044681 | NE 1/4 | 6 | 18 | 30 | 136 | No Till |
| G-032987 | SW 1/4 | 6 | 18 | 30 | 145 | No Till |
| G-016211 | SW 1/4 | 6 | 18 | 31 | 84 | No Till |
| G-056619 | SW 1/4 | 6 | 18 | 31 | 100 | No Till |
| G-035251 | NE 1/4 | 6 | 18 | 31 | 151 | No Till |
| G-028370 | SW 1/4 | 6 | 18 | 32 | 101 | No Till |
| G-030104 | SW 1/4 | 6 | 18 | 32 | 101 | No Till |
| G-026164 | NW 1/4 | 6 | 18 | 32 | 141 | No Till |
| G-026036 | NW 1/4 | 6 | 18 | 34 | 23 | No Till |
| G-045549 | SE 1/4 | 6 | 19 | 2 | 69 | No Till |
| G-014651 | SW 1/4 | 6 | 19 | 2 | 150 | No Till |
| G-052272 | NE 1/4 | 6 | 19 | 4 | 140 | No Till |
| G-020857 | SW of NW 1/4 | 6 | 19 | 4 | 171 | No Till |
| G-088498 | SW 1/4 | 6 | 19 | 5 | 131 | No Till |
| G-001169 | NE 1/4 | 6 | 19 | 5 | 149 | No Till |
| G-167696 | NW 1/4 | 6 | 19 | 6 | 127 | No Till |
| G-036171 | SE 1/4 | 6 | 19 | 6 | 148 | No Till |
| G-040343 | SW 1/4 | 6 | 19 | 8 | 75 | No Till |
| G-015120 | SE 1/4 | 6 | 19 | 8 | 149 | No Till |
| G-025733 | NE 1/4 | 6 | 19 | 9 | 97 | No Till |
| G-044779 | NW 1/4 | 6 | 19 | 9 | 120 | No Till |
| A-005633 | SE 1/4 | 6 | 19 | 10 | 156 | No Till |
| G-126845 | NW of SE 1/4 | 6 | 19 | 11 | 68 | No Till |
| G-042443 | SW 1/4 | 6 | 19 | 11 | 137 | No Till |
| G-169498 | NE 1/4 | 6 | 19 | 13 | 33 | No Till |
| G-072918 | NW 1/4 | 6 | 19 | 13 | 109 | No Till |
| G-114016 | NE 1/4 | 6 | 19 | 13 | 115 | No Till |
| G-025757 | NW SW 1/4 | 6 | 19 | 13 | 296 | No Till |
| G-025244 | SE 1/4 | 6 | 19 | 14 | 141 | No Till |
| G-004994 | NE 1/4 | 6 | 19 | 14 | 143 | No Till |
| G-110559 | NE 1/4 | 6 | 19 | 14 | 146 | No Till |
| G-025815 | SW 1/4 | 6 | 19 | 14 | 155 | No Till |
| G-000854 | SW 1/4 | 6 | 19 | 15 | 70 | Minimum Till |
| G-058068 | SE 1/4 | 6 | 19 | 15 | 151 | No Till |
| G-028660 | SE 1/4 | 6 | 19 | 16 | 140 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-032462 | SW 1/4 | 6 | 19 | 17 | 135 | No Till |
| G-027416 | NE 1/4 | 6 | 19 | 17 | 152 | No Till |
| G-045710 | NE 1/4 | 6 | 19 | 18 | 148 | No Till |
| G-074330 | SW 1/4 | 6 | 19 | 19 | 61 | No Till |
| G-030668 | NW 1/4 | 6 | 19 | 19 | 146 | No Till |
| G-002987 | SW 1/4 | 6 | 19 | 20 | 129 | No Till |
| G-074365 | SE 1/4 | 6 | 19 | 21 | 122 | Minimum Till |
| G-129257 | NW of NW 1/4 | 6 | 19 | 21 | 137 | No Till |
| G-030892 | NE 1/4 | 6 | 19 | 22 | 158 | No Till |
| G-013985 | NE 1/4 | 6 | 19 | 23 | 110 | No Till |
| G-007211 | NW 1/4 | 6 | 19 | 23 | 156 | No Till |
| A-005462 | SE 1/4 | 6 | 19 | 23 | 236 | No Till |
| G-071119 | NE 1/4 | 6 | 19 | 24 | 134 | No Till |
| G-025168 | SW 1/4 | 6 | 19 | 24 | 135 | No Till |
| G-009669 | NE 1/4 | 6 | 19 | 24 | 137 | No Till |
| G-031740 | NW 1/4 | 6 | 19 | 24 | 140 | No Till |
| G-073050 | SE 1/4 | 6 | 19 | 25 | 70 | No Till |
| G-048259 | NE 1/4 | 6 | 19 | 25 | 290 | No Till |
| G-073120 | SW 1/4 | 6 | 19 | 26 | 91 | No Till |
| G-094725 | NW 1/4 | 6 | 19 | 26 | 218 | No Till |
| G-086171 | NE 1/4 | 6 | 19 | 27 | 74 | Minimum Till |
| G-026085 | SE 1/4 | 6 | 19 | 27 | 131 | No Till |
| G-074863 | SW 1/4 | 6 | 19 | 27 | 157 | No Till |
| G-129577 | SW 1/4 | 6 | 19 | 28 | 55 | No Till |
| G-052078 | SE 1/4 | 6 | 19 | 28 | 122 | No Till |
| G-032452 | NE 1/4 | 6 | 19 | 28 | 143 | No Till |
| G-005392 | NW 1/4 | 6 | 19 | 29 | 15 | No Till |
| G-020391 | SW 1/4 | 6 | 19 | 29 | 78 | No Till |
| G-038040 | NE 1/4 | 6 | 19 | 29 | 148 | No Till |
| G-041182 | SW 1/4 | 6 | 19 | 30 | 133 | No Till |
| G-052273 | SE 1/4 | 6 | 19 | 31 | 66 | No Till |
| G-035734 | SW 1/4 | 6 | 19 | 31 | 87 | No Till |
| G-073711 | NE 1/4 | 6 | 19 | 31 | 145 | No Till |
| G-034808 | NW 1/4 | 6 | 19 | 32 | 142 | No Till |
| G-066511 | SW 1/4 | 6 | 19 | 32 | 155 | No Till |
| G-025703 | SE 1/4 | 6 | 19 | 32 | 158 | No Till |
| G-005987 | NE 1/4 | 6 | 19 | 33 | 135 | No Till |
| G-030448 | NW 1/4 | 6 | 19 | 34 | 132 | No Till |
| G-027136 | NE 1/4 | 6 | 19 | 34 | 156 | No Till |
| G-110137 | SE 1/4 | 6 | 19 | 35 | 131 | No Till |
| G-062535 | NW 1/4 | 6 | 19 | 35 | 168 | No Till |

**Tri-Basin NRD Platte Basin No Till Acres - 2016 Platte Basin Annual Report
Appendix C**

| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-101001 | NE 1/4 | 6 | 19 | 36 | 73 | Minimum Till |
| G-026244 | NW 1/4 | 6 | 19 | 36 | 89 | Minimum Till |
| G-024296 | NW 1/4 | 6 | 19 | 36 | 101 | Minimum Till |
| G-001127 | NW 1/4 | 6 | 20 | 1 | 130 | No Till |
| G-058356 | NW 1/4 | 6 | 20 | 2 | 134 | No Till |
| G-041329 | NE 1/4 | 6 | 20 | 3 | 125 | No Till |
| G-038009 | NW 1/4 | 6 | 20 | 5 | 110 | Minimum Till |
| G-072667 | SW 1/4 | 6 | 20 | 5 | 141 | No Till |
| G-074443 | NW 1/4 | 6 | 20 | 7 | 87 | Minimum Till |
| A-005229 | NE 1/4 | 6 | 20 | 8 | 39 | No Till |
| G-003127 | NE 1/4 | 6 | 20 | 8 | 79 | No Till |
| G-074374 | NW 1/4 | 6 | 20 | 8 | 132 | No Till |
| G-028012 | SW 1/4 | 6 | 20 | 8 | 143 | No Till |
| G-042269 | NE 1/4 | 6 | 20 | 9 | 144 | No Till |
| G-043366 | NW 1/4 | 6 | 20 | 10 | 80 | No Till |
| G-089768 | NE 1/4 | 6 | 20 | 10 | 111 | No Till |
| G-041487 | SE 1/4 | 6 | 20 | 10 | 132 | No Till |
| G-122126 | SW of SE 1/4 | 6 | 20 | 12 | 142 | No Till |
| G-073772 | SE 1/4 | 6 | 20 | 14 | 108.8 | No Till |
| G-043110 | SW 1/4 | 6 | 20 | 15 | 68 | No Till |
| G-028075 | SE 1/4 | 6 | 20 | 15 | 71 | No Till |
| G-026317 | SE 1/4 | 6 | 20 | 17 | 97 | No Till |
| G-025528 | NW 1/4 | 6 | 20 | 19 | 70 | No Till |
| G-074296 | SE 1/4 | 6 | 20 | 19 | 73 | No Till |
| G-034410 | SW 1/4 | 6 | 20 | 19 | 140 | Minimum Till |
| G-091279 | SE 1/4 | 6 | 20 | 22 | 107 | No Till |
| G-025593 | NW 1/4 | 6 | 20 | 23 | 65 | No Till |
| G-024524 | SW 1/4 | 6 | 20 | 24 | 69 | No Till |
| G-024727 | SE 1/4 | 6 | 20 | 24 | 135 | No Till |
| G-026281 | SW 1/4 | 6 | 20 | 25 | 64 | No Till |
| G-074444 | SW 1/4 | 6 | 20 | 25 | 74 | No Till |
| G-032795 | SE 1/4 | 6 | 20 | 25 | 112 | No Till |
| G-024994 | NE 1/4 | 6 | 20 | 26 | 140 | No Till |
| G-074785 | NW 1/4 | 6 | 20 | 27 | 147 | No Till |
| G-001239 | SW 1/4 | 6 | 20 | 27 | 172 | No Till |
| G-055770 | NW 1/4 | 6 | 20 | 34 | 168 | No Till |
| G-053759 | NE 1/4 | 6 | 20 | 35 | 146 | No Till |
| G-022942 | SE 1/4 | 6 | 20 | 36 | 100 | No Till |
| G-061360 | NE 1/4 | 6 | 20 | 36 | 120 | No Till |
| G-070946 | NE 1/4 | 6 | 21 | 1 | 35 | Minimum Till |
| G-031354 | NE 1/4 | 6 | 21 | 1 | 103 | Minimum Till |

**Tri-Basin NRD Platte Basin No Till Acres - 2016 Platte Basin Annual Report
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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|------------------|--------|-------|---------|-----------------|------------------|
| G-049326 | NW 1/4 | 6 | 21 | 2 | 76 | No Till |
| G-065103 | SE 1/4 | 6 | 21 | 2 | 135 | Minimum Till |
| G-027616 | SW 1/4 | 6 | 21 | 3 | 155.8 | Minimum Till |
| G-029313 | NE 1/4 | 6 | 21 | 10 | 115 | Minimum Till |
| G-050066 | NE 1/4 | 6 | 21 | 11 | 153 | No Till |
| G-070857 | SE 1/4 | 6 | 21 | 12 | 135 | No Till |
| G-071299 | lots 1, 2, 7 & 8 | 7 | 17 | 18 | 110 | No Till |
| G-119196 | NE 1/4 | 7 | 17 | 18 | 146 | Minimum Till |
| G-074630 | lots 3, 4, 5 & 6 | 7 | 17 | 18 | 150 | Minimum Till |
| G-139528 | NW 1/4 | 7 | 17 | 28 | 70 | Minimum Till |
| G-028884 | SW 1/4 | 7 | 17 | 29 | 142 | No Till |
| G-039976 | SE 1/4 | 7 | 17 | 30 | 100 | No Till |
| G-013067 | SE 1/4 | 7 | 17 | 31 | 59 | Minimum Till |
| G-021595 | NE 1/4 | 7 | 17 | 31 | 131 | No Till |
| G-071289 | NE 1/4 | 7 | 18 | 13 | 155 | No Till |
| G-059557 | NE 1/4 | 7 | 18 | 15 | 128 | Minimum Till |
| G-057112 | SE 1/4 | 7 | 18 | 15 | 140 | No Till |
| G-137702 | NE1/4 | 7 | 18 | 16 | 130 | No Till |
| G-129872 | NW of NE 1/4 | 7 | 18 | 17 | 30 | No Till |
| G-129448 | NE of NW 1/4 | 7 | 18 | 17 | 35 | No Till |
| G-127903 | NW of NE 1/4 | 7 | 18 | 18 | 126 | Minimum Till |
| G-149618 | SW 1/4 | 7 | 18 | 19 | 140 | No Till |
| G-041826 | SE 1/4 | 7 | 18 | 19 | 161 | No Till |
| G-130665 | SW of SW 1/4 | 7 | 18 | 20 | 135 | No Till |
| G-131463 | SE | 7 | 18 | 21 | 156 | No Till |
| G-022438 | NE 1/4 | 7 | 18 | 22 | 105 | No Till |
| G-056497 | NW 1/4 | 7 | 18 | 22 | 145 | No Till |
| G-026458 | NE 1/4 | 7 | 18 | 23 | 155 | No Till |
| G-037114 | SE 1/4 | 7 | 18 | 24 | 161 | No Till |
| G-022950 | SW 1/4 | 7 | 18 | 26 | 68 | No Till |
| G-028701 | SE 1/4 | 7 | 18 | 26 | 75 | No Till |
| G-040650 | SE 1/4 | 7 | 18 | 27 | 146 | No Till |
| G-084401 | NW 1/4 | 7 | 18 | 27 | 150 | Minimum Till |
| G-020280 | SW 1/4 | 7 | 18 | 28 | 145 | Minimum Till |
| A-005544 | NW 1/4 | 7 | 18 | 28 | 150 | No Till |
| G-002216 | NE 1/4 | 7 | 18 | 28 | 151 | No Till |
| G-132769 | NW of SW 1/4 | 7 | 18 | 32 | 75 | No Till |
| G-039497 | NE 1/4 | 7 | 18 | 34 | 88 | No Till |
| G-093751 | SE 1/4 | 7 | 18 | 34 | 138 | No Till |
| G-139527 | NW1/4 | 7 | 18 | 35 | 77 | No Till |
| G-018622 | NE 1/4 | 7 | 18 | 35 | 130 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-023607 | SW 1/4 | 7 | 18 | 35 | 144 | Minimum Till |
| G-015124 | SE 1/4 | 7 | 18 | 35 | 152 | Minimum Till |
| G-061275 | SW 1/4 | 7 | 18 | 36 | 153 | Minimum Till |
| G-138416 | NW 1/4 | 7 | 19 | 13 | 120 | No Till |
| G-034763 | SE 1/4 | 7 | 19 | 16 | 67.5 | No Till |
| G-002482 | SW 1/4 | 7 | 19 | 16 | 133 | No Till |
| G-007043 | NW 1/4 | 7 | 19 | 16 | 154 | No Till |
| G-014735 | NW 1/4 | 7 | 19 | 17 | 68 | No Till |
| G-132341 | NE of SE 1/4 | 7 | 19 | 17 | 135 | No Till |
| G-126121 | SE1/4 | 7 | 19 | 18 | 135 | No Till |
| G-133385 | SW of SW 1/4 | 7 | 19 | 18 | 144.02 | Minimum Till |
| G-074549 | NE 1/4 | 7 | 19 | 20 | 134 | No Till |
| G-032611 | SE 1/4 | 7 | 19 | 20 | 152 | No Till |
| G-121515 | NW of SE 1/4 | 7 | 19 | 21 | 70 | No Till |
| G-038793 | NW 1/4 | 7 | 19 | 21 | 71 | No Till |
| G-013807 | NE 1/4 | 7 | 19 | 21 | 92 | No Till |
| G-020681 | SW 1/4 | 7 | 19 | 21 | 155 | No Till |
| G-033171 | SW 1/4 | 7 | 19 | 22 | 124.5 | Minimum Till |
| G-045570 | NE NE 1/4 | 7 | 19 | 22 | 135 | No Till |
| G-171471 | NW 1/4 | 7 | 19 | 23 | 65 | No Till |
| G-065097 | NE 1/4 | 7 | 19 | 23 | 130 | Minimum Till |
| G-071266 | NW 1/4 | 7 | 19 | 24 | 75 | No Till |
| G-132645 | SW 1/4 | 7 | 19 | 25 | 108 | No Till |
| G-038816 | SE 1/4 | 7 | 19 | 26 | 130 | No Till |
| G-000317 | NE 1/4 | 7 | 19 | 27 | 67 | Minimum Till |
| G-074261 | NW 1/4 | 7 | 19 | 27 | 139 | No Till |
| G-032922 | NE 1/4 | 7 | 19 | 28 | 130 | Minimum Till |
| G-135944 | NE of SW 1/4 | 7 | 19 | 29 | 76 | No Till |
| G-000746 | NE 1/4 | 7 | 19 | 29 | 154 | No Till |
| G-012652 | SE 1/4 | 7 | 19 | 31 | 75 | No Till |
| G-133088 | SE of NE 1/4 | 7 | 19 | 32 | 125 | No Till |
| G-023124 | SW 1/4 | 7 | 19 | 32 | 139 | No Till |
| G-131993 | SW of SW 1/4 | 7 | 19 | 33 | 126 | No Till |
| G-128172 | SW of SW 1/4 | 7 | 19 | 34 | 38 | No Till |
| G-064984 | NE 1/4 | 7 | 19 | 34 | 135 | No Till |
| G-032770 | SW SW 1/4 | 7 | 19 | 35 | 118 | No Till |
| G-065049 | NW 1/4 | 7 | 19 | 36 | 67.5 | No Till |
| G-127891 | NW of SE 1/4 | 7 | 19 | 36 | 77 | No Till |
| G-015524 | SE 1/4 | 7 | 20 | 13 | 70 | Minimum Till |
| G-023093 | SW 1/4 | 7 | 20 | 13 | 140.93 | Minimum Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|----------------|--------|-------|---------|-----------------|------------------|
| G-037931 | NE 1/4 | 7 | 20 | 18 | 140 | Minimum Till |
| G-133370 | SW of SW 1/4 | 7 | 20 | 19 | 75 | Minimum Till |
| G-131571 | NE of SE 1/4 | 7 | 20 | 20 | 152 | No Till |
| G-041512 | NW 1/4 | 7 | 20 | 21 | 133 | No Till |
| G-025483 | SW 1/4 | 7 | 20 | 21 | 135 | No Till |
| G-135943 | NW of NE 1/4 | 7 | 20 | 23 | 125.38 | Minimum Till |
| G-175946 | SW 1/4 | 7 | 20 | 23 | 137.06 | Minimum Till |
| G-028913 | NW 1/4 | 7 | 20 | 24 | 63.73 | Minimum Till |
| G-027010 | SW 1/4 | 7 | 20 | 24 | 126.42 | Minimum Till |
| G-130108 | SE of SW 1/4 | 7 | 20 | 25 | 75 | No Till |
| G-033288 | NE 1/4 | 7 | 20 | 26 | 150 | No Till |
| G-035840 | NE 1/4 | 7 | 20 | 30 | 66 | Minimum Till |
| G-067820 | SW 1/4 | 7 | 20 | 30 | 141 | Minimum Till |
| G-069253 | SE 1/4 | 7 | 20 | 31 | 210 | Minimum Till |
| A-005573 | SW 1/4 | 7 | 20 | 31 | 210 | Minimum Till |
| G-027484 | NW 1/4 | 7 | 20 | 32 | 135 | No Till |
| G-069613 | NW 1/4 | 7 | 20 | 33 | 125 | No Till |
| G-131271 | SW of NW 1/4 | 7 | 20 | 34 | 80 | No Till |
| G-037542 | SW 1/4 | 7 | 20 | 34 | 164 | No Till |
| G-039565 | SE 1/4 | 7 | 20 | 36 | 140 | No Till |
| G-021461 | SE 1/4 | 7 | 21 | 23 | 29 | No Till |
| G-070535 | NE 1/4 | 7 | 21 | 24 | 116 | Minimum Till |
| G-132819 | SE of NW 1/4 | 7 | 21 | 24 | 154 | No Till |
| G-012650 | SW 1/4 | 7 | 21 | 25 | 67 | No Till |
| G-016205 | NE 1/4 | 7 | 21 | 26 | 134 | Minimum Till |
| G-039594 | SE 1/4 | 7 | 21 | 27 | 72 | No Till |
| G-009227 | SW 1/4 | 7 | 21 | 34 | 54 | No Till |
| G-027227 | NW 1/4 | 7 | 21 | 34 | 60 | No Till |
| G-021159 | SE 1/4 | 7 | 21 | 34 | 64 | No Till |
| G-045821 | NE 1/4 | 7 | 21 | 34 | 68 | No Till |
| G-013356 | SE 1/4 | 7 | 21 | 35 | 67 | Minimum Till |
| G-074140 | SW 1/4 | 7 | 21 | 35 | 134 | No Till |
| G-043947 | NE 1/4 | 7 | 21 | 35 | 135 | Minimum Till |
| G-029565 | SW 1/4 | 7 | 21 | 36 | 70 | No Till |
| G-064932 | SW 1/4 | 7 | 21 | 36 | 70 | No Till |
| G-044165 | NE 1/4 | 7 | 21 | 36 | 90 | No Till |
| G-014933 | SE 1/4 | 7 | 21 | 36 | 163 | Minimum Till |
| G-061501 | SE 1/4 | 7 | 21 | 36 | 163 | Minimum Till |
| G-008211 | SE 1/4 | 8 | 13 | 10 | 28 | No Till |
| G-008209 | SE 1/4 | 8 | 13 | 10 | 37 | No Till |

**Tri-Basin NRD Platte Basin No Till Acres - 2016 Platte Basin Annual Report
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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|------------------------------|--------|-------|---------|-----------------|------------------|
| G-017198 | SW 1/4 | 8 | 13 | 13 | 64.7 | No Till |
| G-015972 | SE 1/4 | 8 | 13 | 13 | 72 | No Till |
| A-005964B | NE 1/4 | 8 | 13 | 16 | 116 | No Till |
| G-060270 | SE 1/4 | 8 | 13 | 17 | 70 | No Till |
| G-010285 | NW 1/4 | 8 | 13 | 17 | 132 | No Till |
| G-044419 | SE 1/4 | 8 | 13 | 20 | 132 | No Till |
| G-034215 | NE 1/4 | 8 | 13 | 20 | 134 | No Till |
| G-042426 | NE 1/4 | 8 | 13 | 21 | 149.37 | No Till |
| G-012428 | NW 1/4 | 8 | 13 | 22 | 125 | No Till |
| G-033694 | NE 1/4 | 8 | 13 | 22 | 135 | Minimum Till |
| G-043853 | NE 1/4 | 8 | 13 | 24 | 127 | No Till |
| G-038170 | NW 1/4 | 8 | 14 | 25 | 130 | No Till |
| G-067830 | SW 1/4 | 8 | 14 | 27 | 131 | Minimum Till |
| G-098444 | NE 1/4 | 8 | 15 | 21 | 30 | No Till |
| G-035005 | SE of NE 1/4 | 8 | 15 | 23 | 94 | No Till |
| G-007631 | SE 1/4 | 8 | 15 | 23 | 130 | No Till |
| G-021299 | SE 1/4 | 8 | 15 | 27 | 28 | No Till |
| G-070011 | NE 1/4 | 8 | 15 | 31 | 133 | No Till |
| G-059826 | SE 1/4 | 8 | 15 | 32 | 132 | No Till |
| G-048684 | NE 1/4 | 8 | 15 | 34 | 150 | No Till |
| G-053686 | NW 1/4 | 8 | 15 | 34 | 150 | No Till |
| G-044831 | NW 1/4 | 8 | 15 | 35 | 128 | No Till |
| G-037028 | SW 1/4 | 8 | 16 | 18 | 65 | Minimum Till |
| G-058905 | SW 1/4 | 8 | 16 | 19 | 40 | Minimum Till |
| G-015835 | NW 1/4 | 8 | 16 | 19 | 130 | Minimum Till |
| G-035306 | NE 1/4 | 8 | 16 | 19 | 190 | Minimum Till |
| G-073932 | NW 1/4 | 8 | 16 | 27 | 40 | No Till |
| G-018182 | NE 1/4 | 8 | 16 | 27 | 165 | No Till |
| G-034321 | SW 1/4 | 8 | 16 | 30 | 126 | No Till |
| G-034320 | SE 1/4 | 8 | 16 | 30 | 126 | No Till |
| G-067833 | SE 1/4 | 8 | 16 | 35 | 132 | No Till |
| G-067832 | SW 1/4 | 8 | 16 | 35 | 132 | No Till |
| G-069383 | NW 1/4 | 8 | 16 | 36 | 132 | No Till |
| G-069382 | NE 1/4 | 8 | 16 | 36 | 132 | No Till |
| G-065342 | lot 10 | 8 | 17 | 18 | 53 | No Till |
| G-104055 | lot pts2, 7 & all 8 | 8 | 17 | 18 | 70 | No Till |
| G-027841 | lot 9 | 8 | 17 | 18 | 101 | No Till |
| G-104054 | pt of lots 2, 3, 4, 5, 6 & 7 | 8 | 17 | 18 | 110 | No Till |
| G-090860 | S2 of SE 1/4 | 8 | 17 | 19 | 58 | No Till |
| G-027593 | N2 SE 1/4 | 8 | 17 | 19 | 74 | No Till |

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| DNR Well Reg | Legal Location | T Ship | Range | Section | Irrigated Acres | Tillage Practice |
|--------------|---------------------|--------|-------|---------|-----------------|------------------|
| G-034898 | lots 9, 10, 15 & 16 | 8 | 17 | 19 | 149 | No Till |
| G-153081 | NW 1/4 | 8 | 17 | 23 | 65 | Minimum Till |
| G-044409 | SW 1/4 | 8 | 17 | 23 | 135 | Minimum Till |
| G-021124 | SW 1/4 | 8 | 17 | 24 | 35 | Minimum Till |
| G-018587 | SW 1/4 | 8 | 17 | 24 | 135 | Minimum Till |
| G-049240 | SW 1/4 | 8 | 17 | 25 | 133 | No Till |
| G-049239 | NW 1/4 | 8 | 17 | 25 | 153 | No Till |
| G-088500 | SE 1/4 | 8 | 17 | 33 | 130 | No Till |
| G-088499 | NE 1/4 | 8 | 17 | 33 | 130 | No Till |
| G-055521 | NW 1/4 | 8 | 17 | 34 | 136.8 | Minimum Till |
| G-069018 | SW 1/4 | 8 | 17 | 35 | 133 | No Till |
| G-063815 | NE 1/4 | 8 | 17 | 35 | 133 | No Till |
| G-069017 | NW 1/4 | 8 | 17 | 35 | 133 | No Till |
| G-062791 | SE 1/4 | 8 | 17 | 35 | 133 | No Till |
| G-063395 | NE 1/4 | 8 | 17 | 36 | 130 | No Till |
| G-048991 | NW 1/4 | 8 | 17 | 36 | 132 | No Till |
| G-137937 | SW 1/4 | 8 | 17 | 36 | 132 | No Till |
| G-077075 | SE 1/4 | 8 | 18 | 13 | 152 | Minimum Till |
| G-003138 | NE 1/4 | 8 | 18 | 14 | 35.9 | Minimum Till |
| G-010206 | SE 1/4 | 8 | 18 | 14 | 38 | Minimum Till |
| G-010205 | SW 1/4 | 8 | 18 | 14 | 46.8 | Minimum Till |
| G-093786 | NE 1/4 | 8 | 18 | 15 | 40 | No Till |
| G-011644 | SW 1/4 | 8 | 18 | 15 | 180 | No Till |
| G-011646 | SW 1/4 | 8 | 18 | 15 | 180 | No Till |
| G-028377 | SW 1/4 | 8 | 18 | 16 | 16 | No Till |
| G-015772 | SW 1/4 | 8 | 18 | 16 | 100 | No Till |
| G-045450 | NE 1/4 | 8 | 18 | 22 | 135 | No Till |
| G-052500 | NW 1/4 | 8 | 18 | 23 | 130 | No Till |
| G-032874 | NE 1/4 | 8 | 18 | 24 | 20 | Minimum Till |
| G-041258 | NE 1/4 | 8 | 18 | 24 | 154 | Minimum Till |
| G-058321 | SW 1/4 | 8 | 18 | 26 | 130 | No Till |
| G-067875 | NW 1/4 | 8 | 18 | 27 | 130 | No Till |
| G-056949 | SE 1/4 | 8 | 18 | 27 | 130 | No Till |

CNPPID Groundwater Recharge Diversions Summary
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| Dates of Recharge Diversions | Elwood Reservoir | | | E66 Canal | | | PHELPS Canal | | | Funds | | | | | | | |
|------------------------------|------------------|-------|----------|--|---------|-------|--------------|---|--------|-------|----------|-------|---------------|---------------|---------------|---------------|--------------|
| | AF, in | \$/af | \$/other | Notes | AF, in | \$/af | \$/other | Notes | AF, in | \$/af | \$/other | Notes | Total \$ | PRRIP | NDNR | TBNRD | NGPC |
| 1/24/2006 to 2/13/2006 | 6131 | | | gravity. Appears to be no charges | | | | | | | | | NA | | \$ | | |
| 8/8/2006 to 2/13/2006 | 627 | | | gravity. Appears to be no charges | | | | | | | | | NA | | \$ | | |
| 12/22/2006 to 12/31/2006 | 2793 | | | gravity, JO costs. NGPC was billed for 50% of the JO costs | | | | | | | | | \$ 16,752.44 | | \$ | | \$ 16,752.44 |
| 5/30/2007 to 6/25/2007 | 7261 | | | gravity, JO costs | | | | | | | | | \$ 57,819.51 | | \$ | | \$ 57,819.51 |
| 7/9/2007 to 7/11/2007 | 419 | | | gravity, Not billed | | | | | | | | | NA | | \$ | | |
| 7/31/2007 to 8/8/2007 | 2271 | | | gravity, JO Costs | | | | | | | | | \$ 17,686.39 | | \$ | | \$ 17,686.39 |
| 5/23/2008 to 6/11/2008 | 6963 | | | 4240 af gravity, 2543 pumped, \$ pump & hydro | | | | | | | | | \$ 66,568.32 | | \$ | \$ 33,284.16 | \$ 33,284.16 |
| 7/18/2008 to 7/21/2008 | 1168 | | | pumped, Spump & hydro | | | | | | | | | \$ 12,878.02 | | \$ | \$ | \$ 6,439.01 |
| 8/10/2008 to 8/19/2008 | 1193 | | | gravity, \$ for hydro offset | | | | | | | | | \$ 10,498.40 | | \$ | \$ | \$ 5,249.20 |
| 6/21/2009 to 8/21/2009 | 2906 | | | diversions stopped once irr decision was made | | | | | | | | | \$ 25,572.80 | | \$ | \$ 12,786.40 | \$ 12,786.40 |
| 9/28/2011 to 1/5/2012 | | | | | 5538.16 | 25 | | down to MP 9.7 | | | | | \$ 138,954.00 | \$ 69,477.00 | \$ 41,686.20 | \$ 27,790.80 | |
| 12/4/2012 to 3/11/2013 | | | | | 4088 | 25 | | Ea water down to MP 13.3 | | | | | \$ 102,200.00 | \$ 102,200.00 | \$ | \$ | |
| 9/19/2013 to 10/31/2013 | 12385 | 35 | | Pumped | | | | | | | | | \$ 433,475.00 | | \$ 260,085.00 | \$ 173,390.00 | |
| | | | | | 2615 | 35 | | Canal to MP 23.7-3.2, Cottonwood WPA, and 36.25 | | | | | \$ 91,525.00 | | \$ 54,915.00 | \$ 36,610.00 | |
| | | | | | | | | | 3890 | 25 | | | \$ 97,250.00 | \$ 48,625.00 | \$ 29,175.00 | \$ 19,450.00 | |
| | | | | | | | | | 2000 | 25 | | | \$ 50,000.00 | \$ 50,000.00 | \$ | \$ | |
| | | | | | | | | | | | | | NA | | \$ | \$ | |
| | | | | | | | | | 3897 | NA | | | NA | | \$ | \$ | |
| 6/10/2014 to 7/7/2014 | 13237 | 39 | | Pumped, 15,000 af contract with amendment | | | | | | | | | \$ 516,243.00 | | \$ 258,121.50 | \$ 258,121.50 | |
| 11/26/2014 to 11/30/2014 | 1763 | 39 | | Pumped, finished contract 11-26 to 11-30 | | | | | | | | | \$ 68,757.00 | | \$ 34,378.50 | \$ 34,378.50 | |
| | | | | | 37 | NA | | Not billed but pumped into Elwood | | | | | NA | | \$ | \$ | |
| | | | | | | | | | | | | | NA | | \$ | \$ | |
| 12/9/2014 to 12/27/2014 | 8809.2 | 41 | | Pumped, 5000 af contract + 5000 af amendment | | | | | | | | | \$ 340,677.20 | | \$ 170,338.60 | \$ 170,338.60 | |
| 11/26/2014 to 12/31/2014 | | | | | 567.1 | 38 | | down to MP 20.1 | | | | | \$ 21,549.90 | | \$ 10,774.90 | \$ 10,774.90 | |
| | | | | | | | | | 2345.9 | 27 | | | \$ 63,399.30 | \$ 31,669.65 | \$ 31,669.65 | \$ | |
| 1/1/2015 to 2/14/2015 | | | | | | | | | | | | | \$ 46,447.13 | \$ 23,223.56 | \$ 23,223.56 | \$ | |
| | | | | | | | | | 1654.1 | 28.08 | | | \$ 46,447.13 | \$ 23,223.56 | \$ 23,223.56 | \$ | |
| | | | | | | | | | 543.7 | 28.08 | | | \$ 15,267.10 | \$ 15,267.10 | \$ | \$ | |
| 1/14/2015 to 1/21/2015 | 1028.8 | 42.64 | | Finished out 10,000 af contract, pumped | | | | | | | | | \$ 43,868.03 | | \$ 21,934.02 | \$ 21,934.02 | |
| | | | | | | | | | | | | | \$ 3,750.45 | | \$ 1,875.22 | \$ 1,875.22 | |
| | | | | | 94.9 | 39.52 | | in Canal to MP 5.9 | | | | | \$ | | \$ | \$ | |
| 5/11/2015 to 8/24/2015 | 6800 | 42.64 | | For NDNR/TBNRD, finished out Amendments No 1 thru No 4 (Total 17,000 AF) | | | | | | | | | \$ 289,952.00 | | \$ 144,976.00 | \$ 144,976.00 | |
| | | | | | | | | | | | | | \$ 7,904.00 | | \$ 3,952.00 | \$ 3,952.00 | |
| | | | | | 9007 | 42.64 | | For PRRIP | | | | | \$ 384,058.48 | \$ 384,058.48 | \$ | \$ | |
| 11/23/2015 to 12/18/2015 | 3227 | 42.64 | | For NDNR/TBNRD, 11-16-15 Agreement for 4500 af total Canal and Elwood | | | | | | | | | \$ 137,599.28 | | \$ 68,799.64 | \$ 68,799.64 | |
| | | | | | | | | | | | | | \$ 50,308.96 | | \$ 25,154.48 | \$ 25,154.48 | |
| | | | | | 1273 | 39.52 | | For NDNR/TBNRD, 11-16-15 Agreement for 4500 af total Canal and Elwood | | | | | \$ 246,288.64 | \$ 246,288.64 | \$ | \$ | |
| 11/16/2015 to 12/31/2015 | 5776 | 42.64 | | For PRRIP, May 2015 Agreement and Amendment No. 1 | | | | | | | | | \$ 20,989.80 | | \$ 20,989.80 | \$ | |
| | | | | | | | | | 747.5 | 28.08 | | | \$ | | \$ | \$ | |
| 11/16/2015 to 12/31/2015 | | | | | | | | | | | | | \$ 62,969.40 | \$ 62,969.40 | \$ | \$ | |
| 9/15/2016 to 12/31/2016 | 5760 | 44.35 | | | | | | | 4321.9 | 29.20 | | | \$ 126,197.32 | \$ 94,647.99 | \$ 31,549.33 | \$ 51,090.48 | |
| 12/10/2016 to 12/31/2016 | | | | | 839.7 | 41.10 | | | | | | | \$ 255,452.40 | \$ 127,726.20 | \$ 75,535.72 | \$ 51,090.48 | |
| | | | | | | | | | | | | | \$ 34,512.00 | \$ 20,707.20 | \$ 13,804.80 | \$ | |

North Dry Creek Augmentation Pumping - 2016 Platte Basin Annual Report
Appendix E

| Augmentation Production Well | | | | | | | | | | | | |
|-------------------------------------|-------------------------|------------------------|----------------------------------|----------------------------|--|-----------|-----------------------|--------------------|------------------|-------------------------|----------------------|--|
| NWNE 27-8N-16W G-159762 | | | | | | | | | | | | |
| MAD 83 | Lat: N40 38' 25.91700" | Surface Elev: 2156.92' | Well Depth=53' | Bore Hole: 30' | 8" Column Pipe: 0'-40' | | | | | | | |
| | Long: W99 06' 59.91771" | | 16" Screen: 53'-23' / 0.085 Slot | River Gravel Pack: 53'-16' | 8" Submersible 20 HP Pump: 40'-50' | | | | | | | |
| | Stickup: 2.25' | | 16" Plain: 23'-0' | Bentonite Chunks: 16'-0' | 8" McCrometer Meter: Totalizer Acre/Inches | | | | | | | |
| Year | MP Depth | Stickup | Depth | Elevation | Begin Meter | End Meter | Ac/In Pumped Interval | Ac/In Annual Total | Pumping Rate GPM | Gallons Pumped Interval | Annual Total Gallons | Comments |
| 2011 | 7.61 | 2.25 | 5.36 | 2151.56 | 9.32 | 18.39 | 9.07 | 18.39 | 1200 | | 499362 | Well Ran During The Month Of October--JT |
| 2012 | 10.61 | 2.25 | 8.36 | 2148.56 | 4511.65 | 4511.65 | 0.00 | 4493.26 | 0 | 0 | 122009982 | Augmentation Well OFF, Creek Dry, Pivot off, Gravity on livestock, Well in SW1/4 Sec 26 Run-ning |
| 2013 | 9.53 | 2.25 | 7.28 | 2149.64 | 7762.48 | 7762.48 | 0.00 | 3250.86 | 0 | 0 | 88273852 | Augmentation Well Off, No Flow in Creek |
| 2014 | 10.06 | 2.25 | 7.81 | 2149.11 | 8206.91 | 8206.91 | 0.00 | 444.43 | 0 | 0 | 12068052 | Augmentation Well Off, No Flow in Creek |
| 2015 | 9.95 | 2.25 | 7.70 | 2149.22 | 8630.08 | 8631.71 | 1.63 | 424.80 | 1200 | 44261 | 11535019 | Augmentation Well Started - Maintenance |
| 2016 | | | | | 8828.40 | 9275.33 | 446.93 | 643.62 | 1200 | 12135937 | 17476857 | Augmentation Well Off |

North Dry Creek Augmentation Pumping - 2016 Platte Basin Annual Report
Appendix E

| Augmentation Production Well #2 | | | | | | | | | | | | | | |
|--|----------------------|-----------------------|-----------------------------------|-----------------------------|--|-------------|-----------|-----------------------|--------------------|------------------|-------------------------|----------------------|--------------------------------|----------|
| SESE 5-7N-16W G-173880 | | | | | | | | | | | | | | |
| NAD 83 | Lat: N40 35' 52.60" | Surface Elev: 2182.95 | Well Depth=103' | Bore Hole: ' | 8" Column Pipe: 0'-60' | | | | | | | | | Comments |
| | Long: W99 08' 34.80" | | 16" Screen: 103'-63' / 0.085 Slot | River Gravel Pack: 103'-15' | 8" Submersible 25.63 HP Pump: 40'-50' | | | | | | | | | |
| | Stickup: 0.88 | | 16" Plain: 63'-0' | Bentonite Chunks: 15'-0' | 8" McCrometer Meter: Totalizer Acre/Inches | | | | | | | | | |
| Start Date / Time | End Date Time | MP Depth | Stickup | Depth | Elevation | Begin Meter | End Meter | Ac/In Pumped Interval | Ac/In Annual Total | Pumping Rate GPM | Gallons Pumped Interval | Annual Total Gallons | Comments | |
| 11/3/14 | | 17.07 | 0.88 | 16.19 | 2166.76 | 0.00 | 0.00 | 0.00 | 0 | 0 | 0 | 0 | Creek Dry, Poured Concrete Pad | |
| 11/13/15 | | | 0.88 | | | 51.34 | 54.84 | 3.50 | 54.84 | 880 | 95039 | 1489125.36 | Stopped Well - Ran 90 Minutes | |
| 8/23/2016 | | | | | | 69.84 | 247.49 | 177.65 | 192.65 | 900 | 4823908 | 5231218 | Augmentation Well Off | |