

2019 Annual Report of Integrated Water Management Activities in the Platte Basin Within Tri-Basin NRD



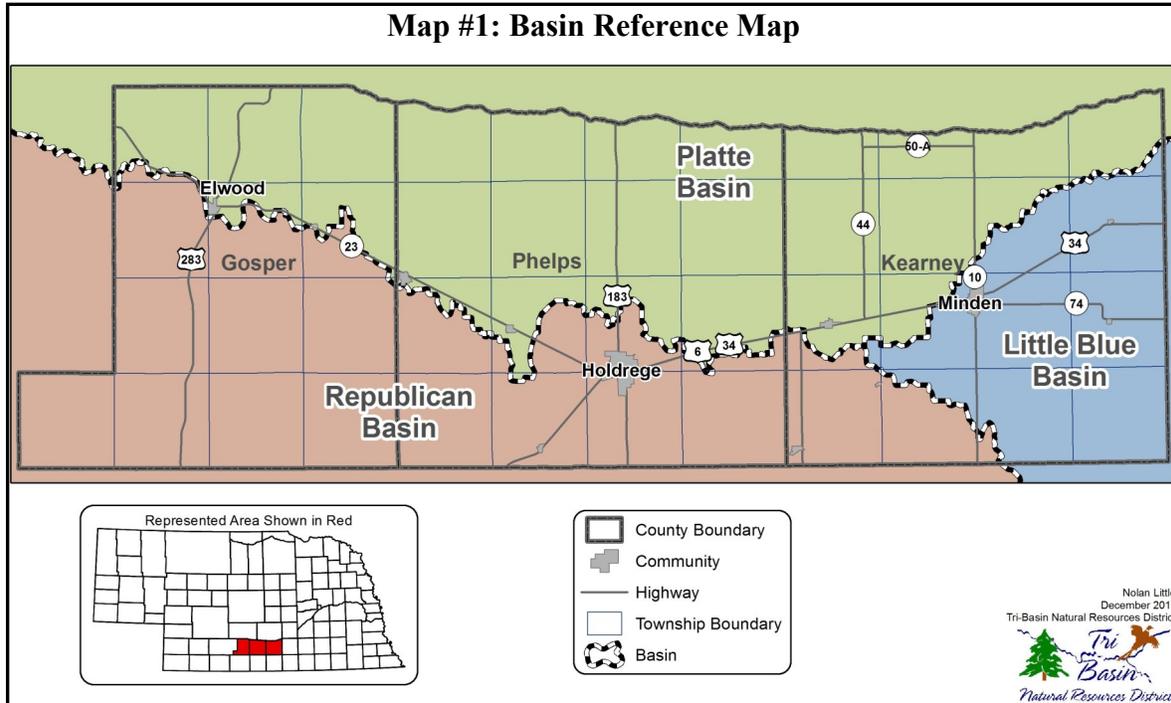
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June 2020

**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 2019 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.



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, 2019, of 298,529.82

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	Co-mingled 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
	2017	35,651.20	10,473.49
	2018	35,631.92	11,075.78
	2019	35,636.12	11,216.16
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
	2017	167,384.10	78,136.85
	2018	167,318.88	79,026.45
	2019	167,318.57	78,712.01
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
	2017	95,560.25	23,312.60
	2018	95,560.25	23,913.89
	2019	95,575.13	23,841.55
Basin 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
	2017	298,595.55	111,922.94
	2018	298,511.05	114,016.12
	2019	298,529.82	113,769.72

NRD Permit Number	Legal Description	Acres Dried Up
TBAT-0343	Section 28 - 8 - 19	3.95
TBAT-0349	Section 2 - 7 - 15	10.5

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.

Furthermore, district rules require that the number of certified acres that can be transferred be limited or “discounted” to ensure that there is not an increase in depletions to streamflows when acres are transferred from low to higher depletion zones. Between January 1, 2019 and December 31, 2019, the district approved 2 certified irrigated acre transfers in the Platte Basin. A total of 14.45 certified irrigated acres were involved in these transfers. Only 11.7 acres remain certified due to difference in depletion values. 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).

NRD Permit Number	Legal Description	New Irrigated
TBAT-0343	Section 28 - 8 - 19	3.95
TBAT-0349	Section 25 - 8 - 15	7.75

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 either 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. No permanent groundwater transfer permits were issued in the Platte Basin between January 1, 2019 and December 31, 2019. 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 TBNRD in 2019.

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	7
Conditional replacement irrigation - supplemental to groundwater	2
Conditional replacement irrigation - supplemental to surface water	1
Dewatering (streamflow augmentation)	0
New commercial/industrial	0
Domestic (over 50 gpm)	0

B. **TABLE 3: TBNRD Well Permits** (bottom of page 4) is a breakdown of well permits that TBNRD issued in the Platte Basin between January 1, 2019 and December 31, 2019. A detailed listing of well permits issued by TBNRD in 2019 is found in **TABLE 4: Well Permit Summary** (below).

TABLE 4: Well Permit Summary				
Permit Number	Well Permit Type	Legal Description	NDNR Reg. Number	Well ID Number
TBRP-G050564-R1	Replacement	Section 2-8- 21	G-050564	256283
TBRP-G072067-R1	Replacement	Section 19-8- 16	G-072067	256389
TBSG-1525	Supplemental to Ground	Section 21-8- 14	G-187210	256486
TBRP-G059826-R1	Replacement	Section 32-8- 15	G-059826	256834
TBSS-1526	Supplemental to Surface	Section 30-7- 14	G-188663	257035
TBSG-1527	Supplemental to Ground	Section 13-8- 20	G-187945	257218
TBRP-G129696-R1	Replacement	Section 14-7- 19	G-129696	257637
TBRP-G021609-R1	Replacement	Section 21-7- 17	G-021609	258322
TBRP-G011569-R1	Replacement	Section 27-8- 19	NDY	
TBRP-G049662-R1	Replacement	Section 32-8- 18	NDY	

*NDY - Not drilled yet

VI. VARIANCES

TBNRD issues new well permits to landowners of parcels that do not have a prior irrigation history only after they have transferred sufficient certified irrigated acres to the previously dryland parcel 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, 2019 and December 31, 2019.

Tri-Basin NRD corrected the district’s certified acre database by certifying 17.52 acres in three parcels that had a history of irrigation between 1997 and 2005. These acres were not 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 5: Platte Basin Certified Irrigated Acre Variances** (below). One approved well variance allowed an irrigation well to be modified to a livestock well. Tri-Basin NRD rule 10.2.2.3 allows landowners to offset depletive impacts of new or expanded livestock operations by converting consumption from certified irrigated acres to livestock use.

TABLE 5: Platte Basin Certified Irrigated Acre Variances			
Date Approved	Type of Variance	Legal Description	Affected Acres
2/12/2019	Certified Acre Correction	Section 5 - 7 - 17	7.45
4/9/2019	Certified Acre Correction	Section 26 - 8 - 20	5.87
4/9/2019	Certified Acre Correction	Section 4 - 8 - 22	4.20

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 2019 is shown in the next two tables. A summary of Municipal Water Use may be found in **TABLE 6: Platte Basin Municipal Water Use Data** (pages 9 and 10) and **TABLE 7: Industrial and Commercial Water Use Data** (page 11).

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 2019, landowners reported data from 477 flowmeters in the

Platte Basin. The metered wells reported irrigating 52,546.0 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. Ample rainfall in areas of the district in 2019 allowed many irrigators to use primarily surface water to irrigate crops; many supplemental wells were not used in 2019. 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.

IX. WATER BANKING ACTIVITIES

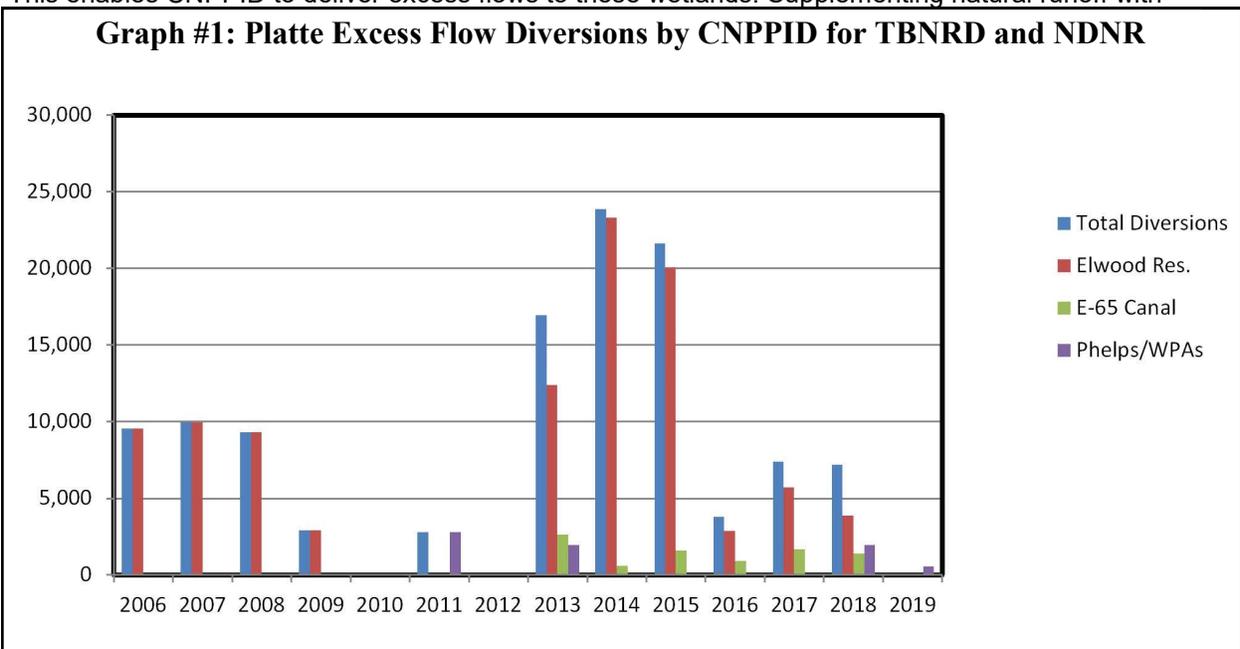
TBNRD initiated the Water Conservation Incentive Program (WCIP) in 2018 (see program summary in Appendix G). Participants in this program sign contracts agreeing to limit irrigation to the UNL Average Corn Crop Irrigation requirement. In exchange, Tri-Basin NRD agrees to pay them if they use less water than their allocated amount. Participants will be provided with credit accounts that track available water use credits for participating fields. Sign-up for the 2020 irrigation season concluded on April 1. No fields in the Platte basin portion of the district have been signed up yet.

A new “commingled option” was added to the WCIP in 2019 (see program expansion summary in Appendix H). This option is particularly targeted at owners of fields that have access to both CNPPID canal water and a groundwater well. Owners of these commingled fields who sign up for this option are incentivized to use surface water and limit their groundwater use to one inch or less per acre per year. The purpose of this option is to increase groundwater recharge. For this reason, the option has a ranking system that prioritizes incentives to parcels located in areas with groundwater declines. A total of 2904.77 acres were offered five-year contracts for this option. They begin during the 2020 irrigation season.

X. 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 #1, below) have been made regularly over the past twelve years, including 2019, when NDNR and TBNRD paid CNPPID \$77,919 to divert 5580 acre-feet into Elwood Reservoir and E-65 Canal. Diversions in 2018, when added to past diversions, result in a grand total of 120,925 acre-feet of water diverted from 2006-2019. 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.

Tri-Basin NRD and NeDNR provided \$1,301,775 of local, state and Water Resources Cash Funds to the Rainwater Basin Joint Venture and CNPPID to construct pipelines from CNPPID canals to five federally-owned wetlands (Victor Lakes, Cottonwood, Linder, Johnson and Funk WPAs). (See Appendix E) This enables CNPPID to deliver excess flows to these wetlands. Supplementing natural runoff with



Platte excess flows enhances wildlife habitat and increases groundwater recharge, which helps offset groundwater pumping depletions, sustains groundwater supplies and augments baseflows in nearby Platte tributaries. The pipeline to Funk WPA was completed in 2018 and over 1950 acre-feet were diverted into that wetland in November and December 2018. The remaining pipelines were constructed in 2019. Excess flows were diverted into Johnson WPA in April 2019 (252 a-f) and into Victor Lakes WPA in December 2019 to January 2020 (1090 a-f). (See Appendix E)

The Platte River Recovery Implementation Program (PRRIP) paid CNPPID to divert 19,173 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 cannot 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.

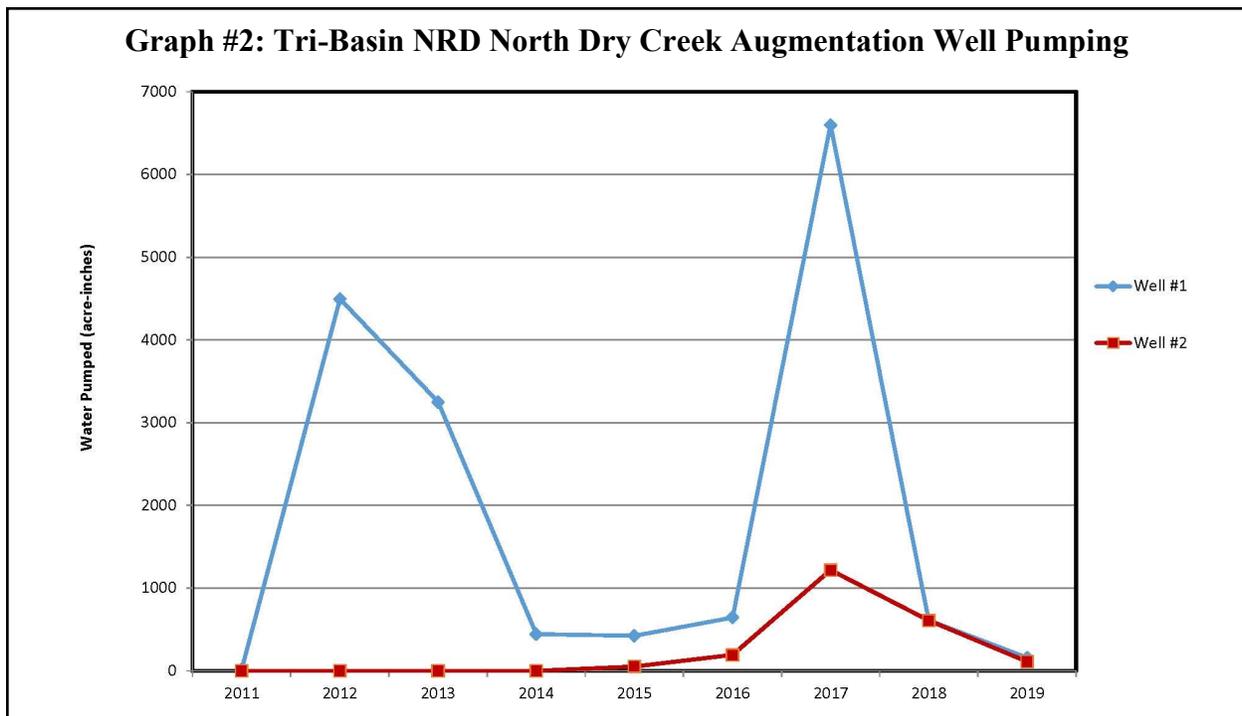
Tri-Basin NRD completed construction of a streamflow augmentation well along North Dry Creek in Kearney County in 2011. A second well was installed in 2015. The wells can each pump as much as 1250 gallons per minute. A study of the augmentation wells' impacts, conducted by HDR Engineering in 2014 and 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, below). Augmentation well pumping and resulting estimated offset credit is described in Appendix F. Pumping by augmentation wells also has an ancillary benefit of providing forage fish habitat during extreme drought conditions.

Tri-Basin NRD also accrued credit for 322.614 acre-feet of water pumped into the Platte River near Kearney in 2019 through a wastewater pipeline from the KAAPA ethanol plant near Axtell. This pipeline was constructed in 2008.

Irrigated land was temporarily retired in TBNRD during 2019 through two contracts totaling 25.5 irrigated acres that 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 90,364.3 certified irrigated acres in the Platte Basin portion of the district during 2019 (see Appendix C). It is estimated that no-till or minimum tillage practices have been adopted on at least 114,634 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 28,658 acre-feet of water was conserved in the Platte Basin in TBNRD in 2019 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 2021.

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 has been provided under this agreement since that time, but the agreement remains in effect until 2033.

XI. GROUNDWATER LEVELS

TBNRD has an extensive network of 131 dedicated groundwater observation wells (74 in the Platte Basin) and 90 irrigation wells (nine 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 biannually 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.

TABLE 6: Platte Basin Municipal Water Use Data

Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Yearly Total
Axtell	2,261,300	2,690,700	3,757,400	3,336,000	3,351,500	3,895,700	10,452,300	9,737,500	8,899,200	7,871,700	3,800,700	4,441,500	64,495,500
Pop. 726 (2010 census)	3,708,500	3,301,900	3,649,000	3,742,000	5,305,600	7,600,700	11,452,600	8,907,600	7,459,200	5,677,900	3,018,200	3,111,100	66,934,300
	3,124,800	3,104,600	4,241,500	5,751,800	11,685,400	14,211,000	22,110,800	12,040,400	12,675,900	5,713,700	3,274,500	2,878,000	100,812,400
	2,923,900	2,395,100	2,530,000	3,195,600	8,260,800	11,960,000	19,418,700	11,170,400	9,955,100	5,558,900	2,753,300	2,495,500	82,617,300
	2,653,500	2,359,000	2,740,400	3,836,900	7,461,100	7,534,900	12,794,400	8,925,000	5,467,700	5,640,300	2,475,500	2,180,300	64,069,000
	2,282,900	2,027,700	4,393,300	4,318,200	4,664,300	5,876,500	12,441,200	10,301,700	10,976,400	7,525,900	4,008,900	2,699,700	71,516,700
	2,379,000	2,755,600	3,040,700	4,168,700	3,985,900	13,891,900	14,882,100	11,692,100	9,021,300	7,816,500	3,537,100	2,310,600	79,481,500
	2,288,000	1,988,100	2,493,500	3,609,100	4,904,500	14,414,100	14,784,100	7,672,900	10,143,900	3,942,000	2,797,400	2,430,100	71,467,700
	2,487,000	2,289,700	2,421,700	2,379,200	6,946,500	12,633,200	9,746,700	8,058,000	6,823,000	3,239,900	2,139,300	2,421,400	61,585,600
	2,457,000	2,265,400	2,411,600	2,931,200	4,443,300	6,385,100	9,487,000	7,732,400	7,671,600	3,046,500	2,241,100	2,209,400	53,281,600
Bertrand	4,380,000	3,998,000	3,383,000	3,837,000	5,147,000	6,153,000	11,853,000	12,170,000	11,097,000	9,986,000	4,532,000	3,748,000	80,284,000
Pop. 750 (2010 census)	4,234,000	3,655,000	3,876,000	4,307,000	7,316,900	9,301,200	15,651,200	12,540,800	9,397,600	7,050,000	3,945,000	4,152,000	85,426,700
	3,575,000	3,348,000	3,846,000	6,122,000	13,410,700	17,711,000	27,282,900	14,707,500	15,511,100	8,976,000	5,261,000	3,970,000	123,721,200
	4,002,000	3,571,000	3,533,000	3,858,000	10,671,200	15,688,200	23,473,500	17,540,600	14,850,200	6,406,000	3,852,000	4,288,000	111,733,700
	4,422,000	3,817,000	4,069,000	4,949,000	11,419,500	8,539,000	16,089,200	11,456,000	7,427,000	8,972,000	4,710,000	4,114,000	89,983,700
	4,294,000	3,807,000	6,038,000	8,605,000	8,294,500	9,873,100	21,287,600	15,234,800	15,246,600	9,881,500	4,519,000	3,981,000	111,062,100
	4,467,000	4,003,000	4,548,000	8,925,400	6,381,000	14,827,300	14,993,000	15,371,700	11,076,700	11,481,000	7,061,000	5,398,000	108,533,100
	5,477,000	4,266,000	4,763,000	8,036,000	6,728,100	19,708,400	17,701,100	10,483,000	13,751,700	6,601,200	4,552,000	5,166,000	107,233,500
	5,215,000	4,682,000	4,490,000	4,829,700	9,412,811	14,385,000	12,214,100	11,105,700	10,056,700	5,838,400	4,190,000	4,154,000	90,573,411
	4,243,000	3,856,000	3,948,000	4,824,400	7,114,600	8,675,000	12,384,000	11,275,600	10,606,100	6,878,400	4,301,000	4,663,000	82,769,100
Elwood	2,654,000	4,454,000	4,132,000	5,162,000	6,407,000	7,509,000	12,253,300	12,469,000	12,818,000	10,493,000	5,631,000	4,269,600	88,251,900
Pop. 707 (2010 census)	4,490,000	3,277,000	4,745,000	4,930,200	7,990,000	10,787,000	9,682,800	17,946,300	7,851,600	8,301,000	5,195,900	3,483,000	88,679,800
	4,278,000	3,324,500	5,774,700	4,184,000	16,881,600	22,944,600	30,825,300	20,347,800	15,277,100	9,352,300	4,511,400	4,061,900	141,763,200
	5,223,600	4,535,500	5,299,500	6,824,000	4,795,500	14,776,000	28,116,000	17,587,000	13,151,900	5,936,800	4,311,200	3,800,900	114,357,900
	3,729,600	4,188,000	4,915,000	4,968,000	12,601,700	10,104,800	20,316,600	15,146,100	9,033,400	6,043,600	3,827,000	4,682,500	99,556,300
	3,067,700	3,531,000	6,951,100	5,160,200	6,668,600	10,586,900	19,270,800	11,772,800	10,001,500	6,784,900	3,373,000	3,468,000	90,636,500
	3,467,900	3,235,000	3,817,300	5,768,000	5,770,000	14,979,700	13,372,200	15,078,400	9,390,000	11,215,400	3,825,000	4,302,000	94,220,900
	4,283,600	4,994,000	4,074,900	6,153,800	12,262,600	12,577,800	17,753,700	10,229,900	12,605,600	4,944,800	3,536,900	3,677,000	97,094,600
	4,439,000	3,754,000	3,928,200	4,162,000	9,938,200	15,358,800	12,971,100	9,499,900	8,555,000	6,843,000	4,364,000	6,179,000	89,992,200
	6,389,000	6,027,000	6,875,000	5,885,000	8,496,700	8,583,700	11,223,200	8,537,900	12,192,000	3,265,000	4,452,000	4,740,000	86,666,500

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TABLE 6: Platte Basin Municipal Water Use Data (continued)

	Year	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Yearly Total
Funk	2010	1,707,668	1,707,667	1,707,667	1,707,667	1,707,667	1,707,667	2,482,000	2,455,000	2,035,000	2,061,000	1,578,000	1,321,000	22,178,001
Pop. 194 (2010 cen- sus)	2011	1,530,000	1,241,000	1,410,000	1,510,000	2,081,000	2,666,000	2,833,000	2,656,000	2,614,000	1,732,000	1,500,000	1,630,000	23,403,000
	2012	1,889,000	1,549,000	1,106,000	1,053,000	2,432,000	4,285,000	3,508,000	2,773,000	3,043,000	1,990,000	1,251,000	1,152,000	26,031,000
	2013	1,163,000	1,029,000	1,119,000	1,215,000	1,830,000	2,727,000	4,608,000	3,154,000	2,247,000	1,123,000	780,000	748,000	21,743,000
	2014	758,000	694,000	725,000	796,000	2,346,000	1,669,000	3,132,000	2,394,000	1,443,000	1,045,000	809,000	760,000	16,571,000
	2015	737,000	726,000	1,004,000	1,279,000	1,347,000	1,580,000	3,150,000	1,443,000	3,291,000	1,535,000	717,000	1,047,000	17,856,000
	2016	1,239,000	1,121,000	1,368,000	1,195,000	908,000	3,739,000	3,584,000	3,240,000	1,375,000	1,176,000	615,000	539,000	20,099,000
	2017	581,000	503,000	592,000	608,000	795,000	1,998,000	3,786,700	1,670,300	2,294,000	1,080,000	912,100	1,296,000	16,116,100
	2018	926,400	987,000	990,300	850,200	2,008,000	3,464,350	2,863,350	2,675,100	2,449,100	2,261,100	1,050,100	1,177,100	21,702,100
	2019	1,662,200	1,766,800	1,403,600	1,215,300	1,290,200	1,585,400	2,746,600	2,708,800	2,410,800	1,251,500	1,260,400	1,288,200	20,589,800
Loomis	2010	1,589,000	3,217,000	3,815,000	1,887,000	2,604,000	2,384,000	5,508,000	6,722,000	5,741,000	5,521,000	1,928,000	1,607,000	42,523,000
Pop. 382 (2010 cen-)	2011	1,287,000	2,080,000	1,254,000	1,953,000	3,231,000	4,369,000	5,352,000	6,655,000	6,671,000	3,976,000	2,551,000	1,304,000	40,683,000
	2012	1,709,000	1,033,000	1,553,000	2,428,000	7,072,000	10,692,000	15,290,000	7,847,000	8,014,000	4,510,000	1,855,000	984,000	62,987,000
	2013	1,254,000	783,000	1,124,000	1,534,000	5,182,000	7,094,000	11,508,000	7,579,000	7,236,000	2,221,000	1,393,000	1,298,000	48,206,000
	2014	1,223,000	1,150,000	1,341,000	1,952,000	5,636,000	4,465,000	8,702,000	5,563,000	2,847,000	2,970,000	1,437,000	1,289,000	38,575,000
	2015	1,163,000	1,177,000	2,116,000	4,199,000	2,763,000	5,302,000	8,388,000	6,377,000	6,215,000	3,215,000	1,382,000	1,113,000	43,410,000
	2016	1,066,000	1,119,000	1,362,000	2,828,000	1,952,000	7,843,000	6,982,000	7,775,000	5,093,000	4,769,000	1,995,000	1,254,000	44,038,000
	2017	1,522,000	823,000	1,835,000	3,033,000	3,124,000	9,538,000	9,616,000	2,699,000	6,351,000	2,228,000	1,401,000	653,000	42,823,000
	2018	1,440,000	1,282,000	1,235,000	1,432,000	4,451,000	6,398,000	6,346,000	4,138,000	3,901,000	1,944,000	1,084,000	1,342,000	34,993,000
	2019	1,086,000	972,000	986,000	1,273,000	1,579,000	2,621,000	5,587,000	5,196,000	5,656,000	2,152,000	1,181,000	1,165,000	28,094,820
Smithfield	2010	69,700	192,000	231,200	107,500	135,900	335,000	407,700	734,700	465,900	237,200	184,300	238,700	3,339,800
Pop. 54 (2010 cen-)	2011	232,300	332,000	553,600	555,200	420,600	270,100	440,600	801,200	602,000	321,000	234,300	202,800	4,965,700
	2012	311,700	169,600	212,300	145,100	611,300	959,500	959,700	650,100	620,700	332,900	290,900	112,800	5,376,600
	2013	167,700	158,400	106,400	269,100	373,800	690,600	555,300	601,500	350,200	211,600	181,400	195,000	3,861,000
	2014													3,808,100
	2015													3,447,200
	2016	178,100	79,200	93,100	182,300	210,600	189,900	1,028,800	1,173,700	386,200	290,500	164,400	180,700	4,157,500
	2017	121,600	151,200	127,700	128,900	236,000	489,300	725,400	267,900	375,100	168,400	162,000	99,600	3,053,100
	2018	160,800	82,400	113,300	199,800	254,200	393,900	436,600	271,700	248,000	207,100	131,600	202,300	2,701,700
	2019	99,900	201,800	156,500	152,000	254,900	259,300	230,900	412,700	183,700	164,400	143,300	109,700	2,369,100

*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.

TABLE 7: 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	17,433,000
G-123753-R1	194279	KAAPA Ethanol, LLC	Section 13-6-16	125,368,100
G-123754-R2	210900	KAPPA Ethonal, LLC	Section 13-6-16	317,800
G-124061	152898	KAAPA Ethanol, LLC	Section 13-6-16	2,861,000
G-134413-R1	194280	KAAPA Ethanol, LLC	Section 13-6-16	56,694,000
G-181488	243777	KAAPA Ethanol LLC	Section 13-6-16	11,697,300
G-071961	80123	Mosaic	Section 15-6-16	
G-071962	80124	Mosaic	Section 15-6-16	
G-073875	82215	Village of Bertrand	Section 6-6-20	20,436,500
G-165728	219082	Fort Kearny Consolidated	Section 5-7- 14	39,000
G-165729	219083	Fort Kearny Consolidated	Section 5-7- 14	39,813,400
G-139944	171644	Fort Kearny Consolidated	Section 6-7-14	
G-116982	141058	KGLD, LLC	Section 11-7-16	46,584,000
G-177447	238330	Loomis Pork LLC	Section 19-7-19	3,660,500
G-147025	188561	Paul Johnson & Sons	Section 10-7-20	7,191,920
G-095842	112013	Aurora Co-Op	Section 19-7-20	950,000
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	770,400
G-073205	81395	Rockford G Plettner	Section 4-8-21	121,605,000
G-080853	89509	Nebraska Public Power District	Section 4-8-21	18,000
G-156977	199850	Central Nebraska Public Power & Irrigation District	Section 7-8-21	364,572,590
G-092923	102854	Central Nebraska Public Power & Irrigation District	Section 4-8-22	80,497,761
G-122576	151178	Bullhead Point Association	Section 5-8-22	4,067,000
G-076515	85080	Lakeside Country Club	Section 8-8-22	14,328,000
G-076780-R1	124121	Lakeside Country Club	Section 8-8-22	16,716,000
				945,621,271

**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 1.13, 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:

_____ $\frac{1}{4}$ 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.

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.

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
2019 Platte Basin Annual Report**

Appendix B

DNR Well Reg #	DNR Well ID #	Acres Reported	Gallons Used	Comments
A-005254	805	152	167,321,200	
A-005527	1006	138.6	20,732,800	
A-005544-R1	113944	135	24,924,100	
A-005573-R1	203922	81	6,289,500	Surface Water primary feeds Pivot, Well used on drip tape.
A-005616	1053	129.7	22,676,848	Well did not water 19.26 gravity acres in 2019.
A-005851-R2	234961	156.4	18,501,000	
A-005964B-R1	182843	116	18,427,790	
A-005987	1325	73.9	15,628,900	
A-006470	1647	130	17,550,173	
A-006862	1917	148	13,894,700	
A-007398-R1	219835	139.5	21,662,375	
A-008164-R1	174548	100	43,555,830	Series Well w/ G-073863 - 2 Wells, each own meter
G-000273-R1	98237	127	15,693,382	
G-000317-R2	219289	132	54,091,900	
G-000533	3831	126	12,197,848	
G-000559	3859	97	25,380,900	Producer changed beginning reading to 33056, difference of .1 left the way we had it.
G-000597-R1	207683	135	11,433,463	
G-000671-R1	3992	300	45,807,500	
G-001169	4563	151	11,693,800	
G-001228-R1	92085	73	21,357,300	
G-001374-R1	222615	135	12,898,900	
G-001705	5190	140	20,878,982	50 ac. Alfalfa
G-002216-R1	166014	128	19,993,200	
G-002383-R1	128836	132	17,169,100	
G-003468	7201	77	5,161,000	
G-004871	8801	80	10,985,422	
G-004955-R1	8893	148	21,403,000	
G-005097-R1	114236	151.3	19,306,000	
G-006383	10549	185	4,387,272	
G-007340-R1	162706	130	17,408,300	
G-007342-R1	162707	119	16,787,600	
G-008178	12651	130	16,034,165	
G-009596	14319	147	13,835,300	
G-010388-R1	213868	65	4,174,928	
G-011357-R1	16352	115	18,952,677	

**Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells
2019 Platte Basin Annual Report**

Appendix B

DNR Well Reg #	DNR Well ID #	Acres Reported	Gallons Used	Comments
G-011745-R1	16802	132	18,720,100	
G-012318	17473	137	20,205,000	
G-012651-R1	191520	67	12,413,451	
G-013097-R1	121819	132	11,022,300	Meter Rolled Over _ Supplemental Well _ Corners are irrigated with Surface Water.
G-013149-R1	223630	75	18,792,740	
G-013423-R1	209336	260	30,360,615	
G-013974	19370	135.6	18,593,973	
G-014735-R1	20244	78	8,287,944	
G-016206	21928	142	5,847,400	alfalfa
G-016446-R1	22203	130	15,467,189	
G-016633	22408	75	15,030,300	
G-017090-R1	172826	131.6	13,278,306	
G-020681	26927	133.6	13,910,179	
G-020831	27090	120	5,509,547	
G-021172	27458	98	13,184,700	
G-021193	27482	124	4,544,222	44 ac wheat then feed.
G-021735-R1	28060	152	28,596,692	Producer changed from 132 ac to 152 ac. He has 154.63 certified.
G-022286	28646	30	3,072,747	
G-022950	29350	130	13,395,000	
G-022962-R1	227608	120	6,522,900	
G-023149	29563	26	4,751,950	
G-023266	29683	149	14,590,200	
G-023268-R1	241542	62	10,225,653	
G-023479	29912	125	18,051,500	Meter Rolled Over
G-023615	30058	155	16,374,000	
G-024078-R1	98512	129.6	20,232,300	
G-024327	30807	152	23,092,000	
G-024606-R1	228630	105	10,383,200	
G-024787-R1	97572	150	33,530,845	
G-024986	31500	120	3,026,585	
G-025069	31589	135	18,328,950	Estimate from producer
G-025152	31677	125	12,464,772	Estimate from home place/meter didn't work.
G-025207	31736	20	3,801,560	Co-mingled water/well only watered 20 ac. and was estimated.
G-025703-R1	242435	151.5	1,831,000	Supplemental Well - 4" surface water.

**Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells
2019 Platte Basin Annual Report**

Appendix B

DNR Well Reg #	DNR Well ID #	Acres Reported	Gallons Used	Comments
G-025803	32369	140	16,249,300	
G-026446	33051	117	921,335	
G-027184	33850	140	16,779,000	
G-028077	34788	146	22,892,000	
G-028109-R1	34822	109	13,250,065	
G-028636	35400	132	22,248,000	Estimate _ Meter still not working, Talked to Producer actually a Platte Basin Well. Trevor does intend to fix.
G-028765-R1	35540	142	20,547,000	
G-028884	35667	140	25,160,300	
G-029347	36156	104.7	11,804,000	
G-029951-R1	217569	38	4,916,774	
G-030496	37375	130	6,643,498	
G-030668-R1	164677	135	11,967,300	Producer didn't mark what "other" crop
G-030676	37576	130	11,304,210	
G-030705	37605	148	21,596,200	
G-030936-R1	176011	120	20,424,900	
G-031102	38030	147	19,346,000	
G-031354	38311	139	11,030,000	
G-031657	38620	62	14,422,400	
G-031862-R1	170685	147.5	17,984,200	
G-031885-R1	168468	149.9	21,337,400	
G-032220	39203	145	15,295,576	
G-032462-R1	166009	124	17,765,900	
G-032999-R2	189200	65	10,710,895	
G-033196-R1	158873	132	9,980,724	
G-033788	40819	147.2	1,192,700	Supplemental Well
G-033845	40877	132	23,007,900	Corners of this field are irrigated with Tri-county.
G-034024	41062	85	5,523,000	
G-034034-R1	93086	64.5	4,254,500	Producer changed acres of the sheet
G-034439	41489	130	35,121,798	
G-034601	41656	70	10,795,300	
G-034607-R1	95424	191	16,371,689	
G-034763	41826	142.1	3,502,866	Supplemental Well, actually only waters the corner [7 acres] =18.4 Pivot used 3.4 Surface water inches.
G-034808	41871	134	20,012,498	Estimate 5.5 / meter exemption
G-035001-R1	246956	151	32,472,925	
G-035027	42096	116.7	14,175,500	

**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-035028	42097	154.8	25,124,000	
G-035046-R1	149129	94.1	14,203,100	
G-035210-R1	42287	132	11,256,962	
G-035230-R1	209844	100.5	24,927,372	
G-036219-R1	213455	75	17,508,899	
G-036447-R1	203726	135	18,758,500	
G-036500	43633	149	23,678,831	Producer changed from 132 to 152 ac. He only has 149 certified so we changed it to that number.
G-036585	43719	44.9	5,166,863	grass
G-036677	43812	130	35,008,294	
G-037041	44181	50	526,600	Supplemental Well.
G-037482	44633	145	24,373,701	
G-037931-R1	227572	140	6,167,400	
G-038167-R2	209014	134	24,294,000	
G-038172	45343	130	32,968,757	
G-039054	46251	119	11,436,178	
G-039106	46304	128	10,922,800	
G-039190	46392	156	20,115,411	
G-039572	46786	77.9	21,424,506	
G-039663-R1	199851	95	12,659,100	
G-040054	47284	135	51,836,986	
G-040084	47314	135	54,661,002	
G-040337	47575	145	15,342,000	
G-040839	48087	118	7,669,919	
G-041057	48311	79	34,390,269	Meter rolled over.
G-041183	48439	142	22,848,400	
G-041329-R1	219361	125	5,010,728	
G-041350	48611	127	5,421,296	
G-041369-R1	188563	66	6,235,300	
G-041826	49107	157.8	18,495,200	
G-041978-R1	222393	240	953,105	
G-041996-R1	228128	17	2,616,559	
G-042019	49302	145	21,960,525	
G-042824	50125	159.9	21,524,700	
G-042919	50227	135	48,171,196	
G-042992-R1	198737	135	7,484,100	

**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-043207	50523	200	70,193,090	
G-043208	50524	90	23,325,286	
G-043275-R1	50593	137	21,436,996	Meter Rolled Over.
G-043276-R1	169041	147	14,162,462	Temporary meter used for 2019 while meter being repaired [reads acre ft began at 0]
G-043366-R1	127238	83	7,790,200	
G-043639	50973	151	19,051,789	
G-043947	51286	137	7,063,000	
G-044047	51391	145	6,827,602	
G-044222	51568	165	61,237,500	
G-044419	51766	135	39,156,068	
G-044570	51919	30	7,005,732	Estimate "same as S Norton"
G-044608	51959	132	21,318,900	
G-044680	52031	141	29,032,513	
G-044918	52271	156.4	8,864,966	
G-045284	52644	135.1	13,296,200	25.93 acres alfalfa
G-045549-R1	118572	135.9	14,792,200	
G-046380	53760	135	18,600,218	
G-046434	53847	150	24,620,100	
G-048424	55885	111	18,591,000	
G-049528	57016	133	19,983,600	Reed Changed the beginning number on the sheet from 1771 to 2001771. I used 201607 for the ending number and it worked out right.
G-049567-R1	221186	146	845	
G-050030	57531	146	14,917,000	
G-050366	57873	135	52,515,836	
G-050941	58466	17	3,018,656	
G-053420	60983	160	8,674,074	
G-053462	61025	135	46,976,420	
G-053870	61445	150	17,828,400	
G-054523	62111	150	2,097,270	
G-055251	62856	135.5	22,182,200	
G-055382-R1	172201	156.7	18,120,400	
G-055521	63130	136.8	65,029,213	
G-056004	63618	102.5	9,702,300	Meter Rolled Over.
G-056606-R1	64243	133	23,510,200	Meter Rolled Over.
G-057082	64744	130	13,373,000	Corners are irrigated with surface water-Supplemental Well

**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-057427-R1	222051	187	17,960,000	
G-058508	66218	136	25,144,604	
G-059592	67347	149.3	23,152,500	
G-059676	67433	57.3	20,156,957	
G-060270-R1	254482	62.2	13,832,247	
G-060797-R1	212228	130	10,912,649	
G-061063-R1	213557	240	49,381,992	
G-061501-R1	221352	152	7,663,200	
G-061654	69490	150.5	21,339,400	
G-061946	69783	128	7,383,700	
G-063158	71057	156	3,079,900	
G-063177	71076	138.7	20,194,429	
G-063232	71133	150	16,536,700	
G-063877	71796	91	10,723,500	
G-063968	71890	130	27,713,372	
G-064069	71993	65.3	9,386,800	
G-064756	72722	77.2	16,711,000	
G-064840	72808	145	14,660,200	
G-065598	73589	130	28,073,977	
G-066150	74154	135	14,223,100	
G-066270	74279	134	11,518,000	
G-066404	74421	130	22,523,971	
G-066511	74530	149.2	15,840,800	
G-067478	75541	65	10,385,047	
G-067820	75893	135	9,484,300	
G-067926	76002	103	20,270,900	
G-067960	76038	132	60,413,500	
G-068188	76269	131	12,572,500	
G-068235	76316	127	27,099,692	
G-068903	77028	134.8	8,358,000	
G-068938	77063	135	13,305,460	
G-069457	77609	256	20,874,340	40 ac grass
G-069536	77689	130	28,994,800	
G-069613	77769	275	11,703,645	
G-070660-R1	216319	135	49,936,206	
G-070731	78892	158.2	3,437,000	

**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-070802	78963	145	16,289,000	
G-071177-R1	225427	133	12,077,827	
G-071178-R1	162859	146.8	19,837,600	
G-071179	79340	120	36,779,000	
G-071541	79703	128	13,258,483	
G-072455-R1	206053	132	13,176,478	
G-072667	80855	140	15,878,020	
G-073172	81360	72	5,913,869	
G-073798	82134	124	16,897,662	
G-073863	82203	150	31,337,900	Series Well w/ A-008164-R1 - 2 Wells each.
G-074144	82484	134	17,170,831	
G-074176	82517	130	14,344,372	
G-074256	82601	73	10,209,600	
G-074282	82627	140	15,705,000	Estimate -Meter did not move correctly
G-074365	82710	127	13,794,232	Estimate
G-074392	82739	76.1	15,625,200	
G-074662	83011	105	25,397,400	
G-087416	99269	140	17,078,508	
G-087842	99647	143	13,811,100	
G-091120	102868	142	32,915,400	
G-091407	102859	120	32,804,600	
G-094083	107849	130	17,446,200	
G-096150	109726	130	17,533,066	
G-096555	109842	130	13,683,400	
G-096676	112194	130	15,557,069	
G-097707-R1	236661	143.3	6,650,015	Gene questions this [it's possible but he thinks maybe slightly off, would like to have ultra-sonic check next
G-100388	114419	145	14,576,700	
G-109999	128947	225	7,068,186	
G-110172	129232	150	19,343,100	
G-116457	140343	130	3,530,020	Estimate Used primarily Pit Water, ran little [however, meter NOT working]
G-116906	141679	75	21,015,000	Estimate provided by producer from hours.
G-118169	142719	160.8	35,843,280	
G-119660	146805	88	13,528,973	
G-121077	147633	152.8	16,212,900	

**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-121219	146009	120	13,792,800	
G-121766	146008	150	23,488,210	
G-121894	148344	182	17,845,881	
G-122529	147634	78.2	5,818,200	
G-123303	149183	64	5,302,000	
G-124617	152724	128	15,979,539	Meter reads total gallons, No multiplier.
G-125286	152448	40	19,275,900	Producer changed form from gravity to pivot.
G-125287	152447	130	19,508,300	
G-127496	153919	127	20,346,800	
G-127559	155815	135	25,786,400	
G-129150	154896	147	12,643,500	
G-129241	158555	90	6,964,700	
G-129257	160440	137	13,996,800	2.5" surface water.
G-129577	158376	120	12,032,100	
G-129685	156989	136.2	1,141,826	
G-129692	160438	140	13,774,400	
G-130058	154894	100	24,640,897	
G-130108	159812	75	5,536,972	
G-130225	160878	156	22,792,700	
G-130559	156326	152.5	9,136,900	
G-130635	159808	19	6,223,300	
G-130801	154254	130	21,550,900	
G-130918	161076	152.2	10,321,000	
G-130954	162385	10	2,755,300	
G-131043	161371	143	22,718,200	
G-131271	156876	130	4,436,300	
G-131440	156871	124	1,447,000	Supplemental Well - 1.69" surface water.
G-131490	154924	80.1	12,431,644	
G-131622	155819	100	5,330,000	
G-131623	155812	135	23,661,700	
G-131726	162133	150.9	16,170,000	
G-131774	163016	144	12,634,400	
G-131927	161757	130	6,011,500	
G-131930	162388	122.6	19,641,200	
G-132158	163442	139	16,025,300	
G-132168	160566	135	26,442,600	

**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-132241	165009	128	7,753,400	
G-132339	156879	129.4	4,200	Supplemental Well.
G-132340	156877	135	2,007,700	Supplemental Well.
G-132344	156789	12	2,668,100	
G-132359	160881	132	10,425,506	
G-132512	161373	135	20,998,700	
G-132529	161379	141.5	20,800	Supplemental Well - 3.9 inches surface water.
G-132531	161571	140	25,441,940	
G-132532	161572	151.1	20,135,200	
G-132544	159256	136.5	12,190,245	
G-132547	159597	153.5	15,548,300	Supplemental Well.
G-132644	160439	157.6	33,762,600	
G-132663	164229	154.3	14,951,535	
G-132700	165015	132	81,495,200	Meter Rolled Over - Popcorn
G-132701	165016	132	65,665,800	
G-132733	159884	160	19,255,400	
G-132734	164687	115	26,440,392	
G-132768	165657	140.1	18,461,400	
G-132769	160567	144	34,644,600	
G-132798	159254	130	18,199,696	
G-132840	160488	151	15,735,236	Meter repaired and converted to read in acre inch.
G-133038	165739	130	17,635,200	
G-133088	157915	130	17,019,312	
G-133180	161381	144.7	23,100	Supplemental. Used mostly surface water in 2019
G-133181	161382	141.9	31,000	Supplemental. Used mostly surface water in 2019
G-133233	162390	117	17,332,200	
G-133234	161749	118	16,737,300	
G-133235	158379	117	1,321,400	Supplemental Well.
G-133352	162136	135	14,653,927	
G-133405	165547	120	11,366,500	
G-133416	165335	66.5	13,601,400	Producer changed ac. To 66.5, he has enough certified.
G-133421	161383	101	10,960,712	
G-133426	165471	65	1,824,900	
G-133471	163782	130	15,896,000	
G-133725	162123	130	10,544,500	
G-133759	160323	87	5,879,113	

**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-133929	164406	75	9,802,800	
G-133952	166448		2,738,100	Well Used to fill Mosaic Pond.
G-134113	166449	111	8,864,700	
G-134130	162140	130	28,879,908	
G-134132	162139	67	14,355,500	
G-134186	166699	10	399,000	Estimate _ Meter Did Not Work in 2019, Supplemental Well
G-134199	162134	130	16,464,556	
G-134230	166010	130.5	22,462,400	
G-134566	160564	123	27,940,800	
G-134879	162601	65	2,582,000	Supplemental Well - 9" surface water.
G-135119	169328	156.3	17,380,600	
G-135169	166605	120	17,736,700	
G-135213	166040	86	11,869,000	
G-135516	169018	120	25,245,400	
G-135532	160565	140	3,977,800	Supplemental Well - 2.66" surface water.
G-135822	169468	99.6	10,682,800	
G-136650	169774	135	25,566,500	
G-136691	165017	135	15,546,400	Supplemental Well _ Corners are irrigated with Surface Water.
G-137318	169448	110	1,558,000	Irrigated grass
G-137329	169841	134.3	15,227,464	Totalizer Read: 1163051195
G-137381	170158	145	4,015,619	
G-137402	170172	135	17,652,815	Meter Rolled Over.
G-137403	170742	72	7,435,000	
G-137447	165018	135	14,522,000	Supplemental Well _ Corners watered with Surface Water
G-137937	172642	134	66,196,000	
G-137967	166808	292	15,907,500	Supplemental Well.
G-138203	172442	155	31,876,623	
G-138280	162142	66	16,044,200	
G-138416	162122	145	12,270,300	
G-138534	172370	151	15,757,194	
G-138594	172862	74.6	2,301,100	
G-139059	172599	106	6,644,900	
G-139271	170679	120	6,104,600	
G-139360	165336	90	27,617,600	Producer changed acres on the sheet.
G-139572	169042	100	5,529,500	

**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-139572	169042	100	5,529,500	
G-140625	172547	128	2,212,900	Supplemental Well - 7.6" surface water.
G-141518	173834	65	6,957,100	
G-141860	177863	93.3	5,062,747	Supplemental for surface_ 3.63 inches surface.
G-142036	170682	59	1,537,100	
G-142430	178761	130	16,839,000	Supplemental Well.
G-142530	173630	139	21,259,200	
G-142967	178585	215	46,178,100	Meter Rolled Over.
G-144298	182757	72	5,501,000	Producer changed acres to 72 instead of 65.
G-144716	182053	145	17,030,400	
G-144783	183104	135	17,293,199	
G-144784	180131	76	2,772,152	
G-144823	182952	205	1,379,600	Supplemental Well.
G-144980	182209	135	20,945,000	Meter Rolled Over
G-145042	183105	100	12,122,900	
G-145565-R1	190217	130	22,087,063	
G-145863	185009	260.1	19,845,700	This well feeding 2 pivots.
G-145885	178762	40	727,900	
G-146977	180054	50	8,298,800	
G-147124	182953	150	9,376,300	Supplemental Well.
G-147456	188634	65	5,100,607	
G-147457	188635	136	18,140,772	
G-148411	189364	135.3	20,899,600	
G-148621	191026	75	12,318,140	
G-148685	188800	125	16,124,859	
G-148702	189813	94	8,249,928	
G-149188	191318	134	19,276,400	
G-149618	192106	132	23,498,800	
G-149663	191521	74	13,092,844	
G-149890	191025	87	6,992,970	grass
G-150891	187697	129	6,643,600	Surface Water Used.
G-151663	191248	62	10,635,678	
G-152676	191017	125	12,464,772	
G-152707	197427	135	19,600	Supplemental Well - 3.8" surface water.
G-153081	197627	68	5,775,113	
G-153624	199985	95	8,711,546	

**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-157641	202660	120	1,130,149	5.3 " surface water.
G-158114	208108	120	9,015,128	
G-159284	208463	162.8	21,146,992	
G-161020	213049	128	59,630,400	
G-161031	214156	30	9,612,516	
G-161519	208462	67	5,344,000	
G-162926	216452	74.5	8,575,776	
G-164032	219279	155	14,337,312	
G-164644	218534	160	17,994,684	
G-164765	217905		58,381	58,381 gal used to water cattle. Not used for crops.
G-165055	220042	138	13,782,284	
G-165537	215283	48	11,431,834	
G-165597	218166	75	17,129,286	
G-166011	221015	130	13,895,244	
G-166108	222272	67	11,229,265	
G-166557	217687	124	28,202,144	
G-166720	222354	148	19,827,579	
G-167012	221958	31.8	6,591,905	3 acres alfalfa.
G-167286	223104	144	14,608,852	
G-167416	222557	77.1	13,296,770	
G-167483	224220	105	2,997,530	
G-167695	221189	127	1,144,270	
G-167696	221856	130	3,420,046	
G-167889	222616	76	7,548,812	
G-168610	217989	143	11,316,157	
G-170249	228482	122	24,853,784	
G-170384	228390	208	185	Meter Rolled Over.
G-170400	226797	67	10,549,057	
G-171454	229850	81.4	1,313,439	Supplemental Well.
G-171471	229476	65	2,918,500	
G-171948	228629	133	15,695,012	
G-172337	230621	130.5	912,645	Supplemental Well only used once in 2019.
G-172642	226828	137	9,628,265	
G-172798	230409	143.2	9,205,749	Supplemental Well.
G-173699	230989	171	18,054,966	

**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-174251	230397	100	3,531,378	Supplemental Well. Used surface water.
G-174557	230623	135	2,621,176	
G-174591	234579	82	2,391,996	
G-174932	232741	123	6,387,707	5.4 " surface water.
G-175697	235514	75	19,985,344	
G-175830	235770	35	5,580,147	
G-175949	236660	108	814,620	Supplemental well - 6.9" surface water.
G-176401	236745	15	1,598,284	Part of field drowned out, may not have used much water this year.
G-178903	240974	132	8,880,716	
G-186194	254285	26	8,640,000	Estimate _ Need a beginning and ending reading on this meter each year. Jeff read 298115 in September. This well used to fill pond in the fall.
G-186486	254490	20	53,429,025	Mainly Used to fill Duck Pond.
G-187210	256486	67	5,686,862	
G-187945	257218	16	310,650	This meter was put on first, but not in compliance.
G-187945	257218	16	785,022	Meter was changed out to meet compliance. Both Used in 2019.

52,546.00 7,083,127,097 5.0 Average IPA

21,737.32

Tri-Basin NRD Platte Basin No Till Acres - 2019 Platte Basin Annual Report
Appendix C

Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-024713	NE 1/4	5	16	4	146	No Till
G-039345	NW 1/4	5	16	4	132	No Till
G-003681	SW 1/4	5	16	4	78	No Till
G-184538	NW of NE 1/4	5	16	5	68	No Till
G-084458	SE 1/4	5	16	6	135	Minimum Till
G-030567	NE 1/4	5	16	7	65	No Till
G-023406	SW 1/4	5	16	7	63.24	No Till
G-069714	NE 1/4	5	16	8	135	No Till
G-051674	NW 1/4	5	16	8	78	Minimum Till
G-027444	NW 1/4	5	16	8	75	Minimum Till
G-025915	SW 1/4	5	16	8	78	No Till
G-025143	SE 1/4	5	16	9	152	Minimum Till
G-073554	NE 1/4	5	16	17	78	No Till
G-016226	NW 1/4	5	16	17	70	No Till
G-084459	NE 1/4	5	16	18	152	Minimum Till
G-086748	NW 1/4	5	16	19	118	No Till
G-115336	SW 1/4	5	16	19	154	Minimum Till
G-073037	NE 1/4	5	16	20	135	Minimum Till
G-074773	NW 1/4	5	16	20	130	No Till
G-115591	SE 1/4	5	16	20	132	No Till
G-071117	SW 1/4	5	16	20	160	Minimum Till
G-064303	NW 1/4	5	16	21	150	No Till
G-030857	NW 1/4	5	16	21	6	No Till
G-006759	SE 1/4	5	16	21	153	Minimum Till
G-023920	NE 1/4	5	16	22	110	No Till
G-042526	NW 1/4	5	16	22	155	No Till
G-008191	SE 1/4	5	16	22	132	No Till
G-002334	SW 1/4	5	16	22	152	Minimum Till
G-068947	NE 1/4	5	16	23	130	No Till
G-013965	SW 1/4	5	16	23	155	No Till
G-027921	SE 1/4	5	16	24	150	Minimum Till
G-013352	SW 1/4	5	16	24	131	No Till
G-021852	NE 1/4	5	16	25	130	No Till
G-052524	NE 1/4	5	16	25	12	No Till
G-052523	NW 1/4	5	16	25	135	No Till
G-036360	SE 1/4	5	16	25	130	No Till
G-036359	SW 1/4	5	16	25	60	No Till
G-131016	SW of SW 1/4	5	16	25	130	No Till
G-064292	NE 1/4	5	16	26	158.62	No Till
G-023474	NE 1/4	5	16	26	158.62	No Till
G-011958	NW 1/4	5	16	26	158.6	No Till
G-029462	SE 1/4	5	16	26	152	Minimum Till
G-001416	NW 1/4	5	16	27	45	No Till
G-017750	NW 1/4	5	16	28	130	No Till
G-013964	SW 1/4	5	16	28	7	No Till
G-028128	SW 1/4	5	16	28	155	No Till
G-013963	NE 1/4	5	16	29	41	No Till

Tri-Basin NRD Platte Basin No Till Acres - 2019 Platte Basin Annual Report
Appendix C

Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-037547	NE 1/4	5	16	29	120	No Till
G-025010	NW 1/4	5	16	29	144	Minimum Till
G-065030	SE 1/4	5	16	29	155	No Till
G-067052	SW 1/4	5	16	29	82	Minimum Till
G-025819	NE 1/4	5	16	30	152	Minimum Till
G-020298	NW 1/4	5	16	30	80	Minimum Till
G-061237	SE 1/4	5	16	30	80	Minimum Till
G-073478	NE 1/4	5	16	31	135	Minimum Till
G-142531	SE 1/4	5	16	31	56	Minimum Till
G-002716	NE 1/4	5	16	33	118	No Till
G-082492	NW 1/4	5	16	33	65	No Till
G-050075	SW 1/4	5	16	33	130	No Till
G-039968	NE 1/4	5	16	34	65	No Till
G-035158	NW 1/4	5	16	34	55	No Till
G-073794	SE 1/4	5	16	34	156	Minimum Till
G-074967	SW 1/4	5	16	34	156	No Till
G-002671	NW 1/4	5	16	35	130	No Till
G-062901	SE 1/4	5	16	35	145	No Till
G-034806	SW 1/4	5	16	35	33	No Till
G-050365	SW 1/4	5	16	35	97	No Till
G-023069	NE 1/4	5	16	36	142	Minimum Till
G-074588	SE 1/4	5	16	36	155	No Till
G-031059	SW 1/4	5	17	1	78.58	No Till
G-027064	SE 1/4	5	17	2	80.5	No Till
G-047172	SW 1/4	5	17	5	155.03	No Till
G-010454	lots 11, 12, 17, & 18	5	17	6	142	No Till
G-018114	lots 13, 14, pts of 15, 16	5	17	6	140	No Till
G-044893	lots 3, 4, 9, & 10	5	17	6	135	No Till
G-010959	SE 1/4	5	17	6	135	No Till
G-076517	lots pt 7, 9-11;14-15 pt 16	5	17	7	255	No Till
G-063852	NE 1/4	5	17	7	100	No Till
G-062245	pt of S2 of NE 1/4 & N2 of SE	5	17	7	110	No Till
G-046627	SE 1/4	5	17	8	240	No Till
G-019163	SE 1/4	5	17	8	240	No Till
G-032082	NE 1/4	5	17	9	140	No Till
G-052284	NW 1/4	5	17	9	76	No Till
G-001336	NE 1/4	5	17	10	112	No Till
G-037172	NE 1/4	5	17	11	145	No Till
A-007010	SE 1/4	5	17	11	56	No Till
G-025032	NE 1/4	5	17	13	67	No Till
G-052826	NW 1/4	5	17	13	130	No Till
G-031733	SW 1/4	5	17	13	131.3	No Till
G-072383	NE 1/4	5	17	14	118.15	No Till
G-087522	NW 1/4	5	17	14	131	No Till
G-000125	SE 1/4	5	17	14	65	No Till
G-146199	NE1/4	5	17	16	130	No Till
G-055469	SE 1/4	5	17	16	100	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-060341	SE 1/4	5	17	17	169	No Till
G-076518	East	5	17	18	135	No Till
G-056887	lots 1, 2, 7, & 8	5	17	18	158	Minimum Till
G-071535	lots 13 & pt S2 lot 12	5	17	18	61	No Till
G-029189	lots 3, 4, 5, & 6	5	17	18	153	No Till
G-116684	West	5	17	18	135	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-091242	NE 1/4	5	17	21	60	No Till
G-165675	NW 1/4	5	17	21	59	No Till
G-056707	NE 1/4	5	17	23	136	No Till
G-036947	SE 1/4	5	17	23	79	Minimum Till
G-020559	NE 1/4	5	17	24	130	No Till
G-025073	SE 1/4	5	17	24	130	No Till
G-069535	SE 1/4	5	17	25	24	No Till
G-128350	NE of NE 1/4	5	17	26	63	Minimum Till
G-056775	NW 1/4	5	17	26	140	No Till
G-060870	SW 1/4	5	17	26	130	No Till
G-128351	SW of SE 1/4	5	17	26	107	Minimum Till
G-054771	lot 13	5	17	30	160	No Till
G-076519	lots 1, 2, 7, & 8	5	17	30	135	No Till
G-054772	lots 11, 12, 13, & 14	5	17	30	160	No Till
G-083514	lots 9, 10, 15, & 16	5	17	30	163	No Till
G-054773	SE 1/4	5	17	30	160	No Till
G-074324	lots 11, 12, 13, & 14	5	17	31	141	No Till
G-066446	lots 3, 5, 4, & 6	5	17	31	164	Minimum Till
G-053486	SE 1/4	5	17	33	64	No Till
G-025739	SW 1/4	5	17	33	75	Minimum Till
G-051199	SW 1/4	5	17	33	75	Minimum Till
G-028120	NW 1/4	5	17	34	66	No Till
G-030282	NE 1/4	5	17	35	123	No Till
G-051378	SE 1/4	5	17	35	127	No Till
G-115347	SW 1/4	5	17	35	125	No Till
G-054318	NE 1/4	5	17	36	55	No Till
G-029273	NW 1/4	5	17	36	65	No Till
A-006382	NE 1/4	5	18	1	160	No Till
G-047270	SE 1/4	5	18	1	56	No Till
G-175850	NE 1/4	5	18	2	105	No Till
G-023886	NE 1/4	5	18	2	105	No Till
G-018931	NW 1/4	5	18	3	79	No Till
G-028043	SW 1/4	5	18	3	21.4	No Till
G-006858	SW 1/4	5	18	3	131.6	No Till
G-023376	SW 1/4	5	18	6	67	No Till
G-024090	NE 1/4	5	18	7	152.18	No Till
G-003499	NW 1/4	5	18	7	63	No Till
G-033786	SW 1/4	5	18	7	175	No Till
G-074706	NE 1/4	5	18	8	155.2	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-015350	NW 1/4	5	18	8	148.3	No Till
G-074474	NE 1/4	5	18	10	145	No Till
A-005838	NE 1/4	5	18	10	145	No Till
G-090257	SE 1/4	5	18	10	83	No Till
G-022762	NE 1/4	5	18	11	57.2	No Till
G-028804	NW 1/4	5	18	11	57.8	No Till
G-165018	NE 1/4	5	18	12	168	No Till
G-126616	NW 1/4	5	18	12	194	No Till
G-044697	SE 1/4	5	18	12	132	No Till
G-024376	SW 1/4	5	18	12	65	No Till
G-062292B	SE 1/4	5	18	13	15	No Till
G-025632	NE 1/4	5	18	14	24	No Till
G-029188	NW 1/4	5	18	14	155	No Till
G-048441	NE 1/4	5	18	16	111	No Till
G-027808	SE 1/4	5	18	16	97	No Till
G-037902	NE 1/4	5	18	17	130	No Till
G-091575	NE 1/4	5	18	18	135	No Till
G-095680	NE 1/4	5	18	18	130	No Till
G-021705	NW 1/4	5	18	18	76	No Till
G-076520	SW 1/4	5	18	18	135	No Till
G-065869	NW 1/4	5	18	19	118	Minimum Till
G-015354	SW 1/4	5	18	19	139	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-062981	NE 1/4	5	18	21	147	No Till
G-062981	NE 1/4	5	18	21	147	No Till
G-047719	NW 1/4	5	18	21	122	Minimum Till
G-050005	SW 1/4	5	18	21	150.9	No Till
G-074640	NE 1/4	5	18	22	131	No Till
G-022590	NW 1/4	5	18	22	150	No Till
G-044991	SE 1/4	5	18	22	150	Minimum Till
G-048442	SW 1/4	5	18	22	158.5	Minimum Till
G-070881	NE 1/4	5	18	23	135	No Till
G-031620	NW 1/4	5	18	23	133.2	No Till
G-070882	SE 1/4	5	18	23	135	No Till
G-070513	SW 1/4	5	18	23	155	No Till
G-070513	SW 1/4	5	18	23	155	No Till
G-060613	SE 1/4	5	18	24	130	No Till
G-070036	NE 1/4	5	18	25	195	No Till
G-129695	NW of SW 1/4	5	18	25	66.6	No Till
G-049679	SW 1/4	5	18	26	130	No Till
G-050678	NE 1/4	5	18	27	154	No Till
G-050678	NE 1/4	5	18	27	154	No Till
G-031086	SE 1/4	5	18	27	142	No Till
G-011811	SW 1/4	5	18	27	73	No Till
G-070514	NW 1/4	5	18	28	129	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-070514	NW 1/4	5	18	28	129	No Till
G-025488	SE 1/4	5	18	28	118.3	No Till
G-000802	NW 1/4	5	18	30	135	No Till
G-041704	SW 1/4	5	18	30	74	No Till
G-040134	NW 1/4	5	18	31	135	No Till
G-069042	SW 1/4	5	18	31	132	No Till
G-129056	NE of NE 1/4	5	18	32	133.5	No Till
G-042013	NW 1/4	5	18	32	150	No Till
G-022971	SE 1/4	5	18	32	130	No Till
G-045830	NW 1/4	5	18	33	92	No Till
G-002145	NE 1/4	5	18	34	138	No Till
G-042020	SW 1/4	5	18	34	91	Minimum Till
G-050229	NE 1/4	5	18	35	128	No Till
G-030725	SE 1/4	5	18	35	74	No Till
G-129768	NE of SW 1/4	5	18	36	100	No Till
G-119626	SE of SE 1/4	5	18	36	66	No Till
G-029643	SE 1/4	5	19	2	142	No Till
G-035658	SE 1/4	5	19	4	147	No Till
G-178984	SW of NW	5	19	4	40.42	No Till
G-044680	NE 1/4	5	19	5	146	No Till
G-051576	SE 1/4	5	19	5	167	No Till
G-031992	SW 1/4	5	19	5	132	No Till
G-120087	Cent of SW 1/4	5	19	6	67	No Till
G-029428	NW 1/4	5	19	6	112	No Till
G-005935	NE 1/4	5	19	7	140	No Till
G-039385	NW 1/4	5	19	7	75.7	No Till
G-115304	SE	5	19	7	127	No Till
A-007514	SW 1/4	5	19	7	141	No Till
G-025108	NE 1/4	5	19	8	145	No Till
G-052581	SE 1/4	5	19	8	146	No Till
G-012366	NE 1/4	5	19	11	144	No Till
G-041441	NW 1/4	5	19	11	137.08	No Till
G-041783	SE 1/4	5	19	11	144	No Till
G-000540	SE 1/4	5	19	11	144	No Till
G-024222	SW 1/4	5	19	11	132	No Till
G-022334	NW 1/4	5	19	12	160	No Till
G-056969	NW 1/4	5	19	12	160	No Till
G-09150	SE 1/4	5	19	12	21.1	No Till
G-040491	SE 1/4	5	19	13	152	No Till
G-086015	SW 1/4	5	19	13	148	No Till
G-025998	SW 1/4	5	19	13	85	No Till
G-027644	NE 1/4	5	19	14	160	No Till
G-045600	NW 1/4	5	19	14	128	No Till
G-070221	SE 1/4	5	19	14	110	No Till
G-020404	SW 1/4	5	19	14	135	No Till
G-006176	NE 1/4	5	19	15	155.43	No Till
G-042864	SE 1/4	5	19	15	155.43	No Till
G-169903	N 1/2 of NW 1/4	5	19	16	65	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-037905	NE 1/4	5	19	17	135	No Till
G-025987	SE 1/4	5	19	17	138	No Till
G-024757	SW 1/4	5	19	17	149	No Till
G-134076	SW of NW 1/4	5	19	17	150	No Till
G-032103	NW NE 1/4	5	19	18	75	No Till
G-023624	SE 1/4	5	19	18	135	No Till
G-090649	NE 1/4	5	19	19	130.9	No Till
G-109792	NW 1/4	5	19	19	132	No Till
G-015987	SW 1/4	5	19	19	134.4	No Till
G-073389	NW 1/4	5	19	20	150	No Till
G-001341	SE 1/4	5	19	20	100	No Till
G-049914	NE 1/4	5	19	22	130	No Till
G-003517	SE 1/4	5	19	22	137	Minimum Till
G-032374	SW 1/4	5	19	22	62.5	Minimum Till
G-026301	NE 1/4	5	19	23	125	No Till
A-007273	SE 1/4	5	19	23	135	No Till
G-116848	SW 1/4	5	19	23	131	No Till
G-032287	SW 1/4	5	19	24	132	No Till
G-119670	NW 1/4	5	19	25	157	No Till
G-034186	SW 1/4	5	19	25	125	No Till
G-024341	NE 1/4	5	19	26	146	No Till
G-049567	SE 1/4	5	19	26	146	No Till
G-028487	SW 1/4	5	19	26	146	No Till
G-039990	SW 1/4	5	19	27	146	No Till
G-022155	NE 1/4	5	19	28	143	No Till
G-054401	SW 1/4	5	19	28	132	No Till
G-037484	NW 1/4	5	19	29	145	No Till
G-029791	SE 1/4	5	19	29	152	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-094234	SE 1/4	5	19	31	163	No Till
G-096953	SW 1/4	5	19	31	130	No Till
G-053938	NE 1/4	5	19	32	196	No Till
G-025704	SW 1/4	5	19	33	182	No Till
G-047595	NE 1/4	5	19	34	185	No Till
G-025164	NW 1/4	5	19	35	151	No Till
G-024073	SE 1/4	5	19	35	160	No Till
G-040116	NE 1/4	5	19	36	145	No Till
G-086858	NW 1/4	5	19	36	125	No Till
G-106128	SE 1/4	5	19	36	138	No Till
G-030784	SW 1/4	5	19	36	130	No Till
G-086432	NW 1/4	6	16	4	143	No Till
G-024234	NE 1/4	6	16	19	115	No Till
G-016296	SW 1/4	6	16	21	132	No Till
G-057066	SW 1/4	6	16	28	60	Minimum Till
G-009596	NE of SE 1/4	6	16	29	75	No Till
A-005509	NE 1/4	6	16	32	65	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-081367	SW 1/4	6	16	32	180	No Till
G-130559	SW of SW 1/4	6	17	3	22	No Till
G-083341	N 1/2 of NW 1/4	6	17	4	66	Minimum Till
G-011361	NE 1/4	6	17	4	156.43	No Till
G-041432	SW 1/4	6	17	4	65	No Till
G-129246	Cent of NE 1/4	6	17	5	135	No Till
G-132996	SW of NW 1/4	6	17	5	65	No Till
G-053867	lots 1, 2, 7 & 8	6	17	7	150	No Till
G-068245	lots 11 & 14	6	17	7	156	No Till
G-035763	lots 4, 5	6	17	7	100	No Till
G-039539	lots 9, 10, 15 & 16	6	17	7	150	No Till
G-132544	SE of SE 1/4	6	17	7	65	No Till
G-069166	NE 1/4	6	17	8	75	No Till
G-133416	NW of NW 1/4	6	17	8	65	No Till
G-044894	NE 1/4	6	17	9	148	No Till
G-027040	NE 1/4	6	17	11	95	No Till
G-028826	NW 1/4	6	17	13	135	No Till
G-130920	SE of NE 1/4	6	17	14	135	No Till
G-039977	NE 1/4	6	17	15	130	No Till
G-072295	SE 1/4	6	17	15	125	No Till
G-006401	SW 1/4	6	17	16	155	Minimum Till
G-132798	NE of NE 1/4	6	17	17	66	No Till
G-001012	NE 1/4	6	17	18	156	No Till
G-113080	NE 1/4	6	17	18	150	No Till
G-125286	SW of SW 1/4	6	17	19	82	No Till
G-131168	SE 1/4	6	17	21	110	Minimum Till
G-130755	SE of NW 1/4	6	17	21	130	No Till
G-044065	NW 1/4	6	17	22	155	No Till
G-070993	SW 1/4	6	17	22	102.79	Minimum Till
G-133724	SW of SW 1/4	6	17	22	41.79	Minimum Till
G-010549	NE 1/4	6	17	24	139.1	No Till
G-126657	NW of NW 1/4	6	17	25	141.5	No Till
G-060677	SW 1/4	6	17	25	67	No Till
G-001407	NW 1/4	6	17	27	61	Minimum Till
G-133471	SE of NW 1/4	6	17	27	71.43	Minimum Till
G-026335	SE 1/4	6	17	28	127	No Till
G-138534	NE 1/4	6	17	29	151	Minimum Till
A-006272	lots 1, 2, 7 & 8	6	17	30	40	No Till
A-005637	lots 9, 10, 15 & 16	6	17	30	40	No Till
A-005914	lots 4, 5, & W2 of NE 1/4	6	17	31	152	Minimum Till
G-035277	NE 1/4	6	17	32	130	Minimum Till
G-100459	NE of NE 1/4	6	17	32	60	Minimum Till
G-067726	NW 1/4	6	17	32	130	Minimum Till
G-026426	SE 1/4	6	17	32	155	No Till
G-065571	SW 1/4	6	17	32	155	No Till
G-074644	NE 1/4	6	17	35	68	No Till
G-015957	SW 1/4	6	18	1	155	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-029699	SW 1/4 SE 1/4	6	18	1	135	No Till
G-061063	NE 1/4	6	18	2	153	No Till
G-026634	SE 1/4	6	18	2	100	No Till
G-113765	NW 1/4	6	18	3	130	No Till
G-069282	SW 1/4	6	18	3	125	No Till
G-134566	NW of NW 1/4	6	18	6	114	No Till
G-135942	SE of SE 1/4	6	18	8	120	No Till
G-133038	NE 1/4	6	18	9	130	No Till
G-023699	NW 1/4	6	18	9	130	No Till
G-008028	NW 1/4	6	18	10	103	No Till
G-015125	NE 1/4	6	18	12	150	No Till
G-015956	NW 1/4	6	18	12	145	No Till
G-063234	SW 1/4	6	18	12	135	No Till
G-013612	NW 1/4	6	18	15	148	No Till
G-040036	SW 1/4	6	18	15	145	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-130452	NE of NW 1/4	6	18	17	125	No Till
G-071933	SW 1/4	6	18	17	145	No Till
G-084575	NE 1/4	6	18	18	160	No Till
G-070891	SW 1/4	6	18	18	135	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	130	No Till
G-045284	SE 1/4	6	18	22	68.3	No Till
G-059302	SE of NW	6	18	22	131	No Till
G-004679	SW 1/4	6	18	22	31.3	No Till
G-125287	NW	6	18	24	57	No Till
G-025803	SW 1/4	6	18	24	245	No Till
G-037321	NW 1/4	6	18	25	153	No Till
G-028923	SE 1/4	6	18	25	156	No Till
G-071351	SE 1/4	6	18	25	156	No Till
G-028924	SW 1/4	6	18	25	148	No Till
G-024356	NW of SW 1/4	6	18	26	47	No Till
G-026280	NW 1/4	6	18	27	136	No Till
G-039450	SE 1/4	6	18	27	85	No Till
G-008029	SW 1/4	6	18	27	71.5	No Till
G-006859	NE 1/4	6	18	28	154	No Till
G-003515	SE 1/4	6	18	28	130	No Till
G-057628	NE 1/4	6	18	29	109	No Till
G-044681	NE 1/4	6	18	30	150	No Till
G-032987	SW 1/4	6	18	30	136	No Till
G-056619	SW 1/4	6	18	31	68	No Till
G-016211	SW 1/4	6	18	31	84	No Till
G-026164	NW 1/4	6	18	32	141	No Till
G-028370	SW 1/4	6	18	32	100	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-030104	SW 1/4	6	18	32	100	No Till
G-050480	NW 1/4	6	18	34	65	No Till
G-066573	SW 1/4	6	18	35	96.6	No Till
G-061449	SE 1/4	6	19	1	135	Minimum Till
G-133274	SW 1/4	6	19	1	73	No Till
G-045549	SE 1/4	6	19	2	70	No Till
G-014651	SW 1/4	6	19	2	150	No Till
G-025849	NW 1/4	6	19	3	30	Minimum Till
G-052272	NE 1/4	6	19	4	50	Minimum Till
G-020857	SW of NW 1/4	6	19	4	166	No Till
G-001169	NE 1/4	6	19	5	149	No Till
G-088498	SW 1/4	6	19	5	78	No Till
G-172798	NE 1/4	6	19	6	80	No Till
G-036171	SE 1/4	6	19	6	148	No Till
G-132512	NE of NE 1/4	6	19	7	130	No Till
G-040343	SW 1/4	6	19	8	140	No Till
G-044779	NW 1/4	6	19	9	133	No Till
G-126845	NW of SE 1/4	6	19	11	72	No Till
G-042443	SW 1/4	6	19	11	137	No Till
G-114016	NE 1/4	6	19	13	14	No Till
G-169498	NE 1/4	6	19	13	266	No Till
G-072918	NW 1/4	6	19	13	14	No Till
G-025815	SW 1/4	6	19	14	90	No Till
G-060288	NW 1/4	6	19	15	70	No Till
G-027416	NE 1/4	6	19	17	152	No Till
G-032462	SW 1/4	6	19	17	136	No Till
G-030668	NW 1/4	6	19	19	65	No Till
G-074330	SW 1/4	6	19	19	65	No Till
G-129257	NW of NW 1/4	6	19	21	137	No Till
G-071119	NE 1/4	6	19	24	134	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-025168	SW 1/4	6	19	24	135	No Till
G-048259	NE 1/4	6	19	25	143	No Till
G-073050	SE 1/4	6	19	25	74	No Till
G-073050	SE 1/4	6	19	25	74	No Till
G-073050	SE 1/4	6	19	25	74	No Till
G-039540	SW 1/4	6	19	25	136	No Till
G-026085	SE 1/4	6	19	27	131	No Till
G-052078	SE 1/4	6	19	28	137	No Till
G-129577	SW 1/4	6	19	28	65	No Till
G-038040	NE 1/4	6	19	29	140.44	No Till
G-020391	SW 1/4	6	19	29	64	No Till
G-007767	NE of SE	6	19	30	151	No Till
G-041182	SW 1/4	6	19	30	129	No Till
G-073711	NE 1/4	6	19	31	145	No Till
G-052273	SE 1/4	6	19	31	68	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-035734	SW 1/4	6	19	31	82	No Till
G-034808	NW 1/4	6	19	32	142	No Till
G-025703	SE 1/4	6	19	32	309	No Till
G-066511	SW 1/4	6	19	32	149	No Till
G-005987	NE 1/4	6	19	33	135	No Till
G-027136	NE 1/4	6	19	34	71	No Till
G-030448	NW 1/4	6	19	34	132	No Till
G-062535	NW 1/4	6	19	35	160	No Till
G-110137	SE 1/4	6	19	35	131	No Till
G-051086	SE 1/4	6	19	36	135	No Till
G-062383	SW 1/4	6	19	36	130	No Till
G-045402	NE 1/4	6	20	1	154	No Till
G-060528	SE 1/4	6	20	1	126	No Till
G-045273	SW 1/4	6	20	1	136	No Till
G-041329	NE 1/4	6	20	3	134	No Till
G-167695	SE 1/4	6	20	3	132	No Till
G-133504	NE 1/4	6	20	5	147.9	No Till
G-038009	NW 1/4	6	20	5	116	No Till
G-072667	SW 1/4	6	20	5	137	No Till
G-021172	SE 1/4	6	20	6	98	No Till
G-034558	SE 1/4	6	20	6	78	No Till
G-074443	NW 1/4	6	20	7	92	Minimum Till
G-003127	NE 1/4	6	20	8	79	No Till
G-074374	NW 1/4	6	20	8	125	No Till
G-028012	SW 1/4	6	20	8	133	No Till
G-042269	NE 1/4	6	20	9	144	No Till
G-007505	SE 1/4	6	20	9	130	No Till
G-089768	NE 1/4	6	20	10	146	No Till
G-043366	NW 1/4	6	20	10	83	No Till
G-041487	SE 1/4	6	20	10	152	No Till
G-132157	NW 1/4 & pt SW	6	20	13	243	No Till
G-132340	SE 1/4	6	20	13	135	No Till
G-023082	SW 1/4	6	20	13	18	No Till
G-001680	NW 1/4	6	20	14	55	No Till
G-073772	SE 1/4	6	20	14	108.8	No Till
G-034091	SW 1/4	6	20	14	150	No Till
G-043110	SW 1/4	6	20	15	68	No Till
G-026317	SE 1/4	6	20	17	97	No Till
G-025528	NW 1/4	6	20	19	75	Minimum Till
G-074296	SE 1/4	6	20	19	73	Minimum Till
G-034410	SW 1/4	6	20	19	135	Minimum Till
G-028007	NE 1/4	6	20	22	150	No Till
G-091279	SE 1/4	6	20	22	107	No Till
G-000652	SW 1/4	6	20	22	156	No Till
G-129049	SW 1/4	6	20	23	78	No Till
G-024727	SE 1/4	6	20	24	130	No Till
G-024728	SE 1/4	6	20	24	130	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-024524	SW 1/4	6	20	24	68.3	No Till
G-032795	SE 1/4	6	20	25	152	No Till
G-074785	NW 1/4	6	20	27	151	No Till
G-001239	SW 1/4	6	20	27	173.5	No Till
G-048537	NE 1/4	6	20	28	146.3	No Till
G-062683	SW 1/4	6	20	29	64	No Till
G-049677	NW 1/4	6	20	30	68	No Till
G-055770	NW 1/4	6	20	34	167	No Till
G-061360	NE 1/4	6	20	36	144	No Till
G-022942	SE 1/4	6	20	36	100	No Till
G-031354	NE 1/4	6	21	1	125	No Till
G-070946	NE 1/4	6	21	1	37	Minimum Till
G-087842	NW 1/4	6	21	1	88	No Till
G-053780	NW 1/4	6	21	1	76	No Till
G-040944	SW 1/4	6	21	1	151	Minimum Till
G-005593	NE 1/4	6	21	2	146	No Till
G-049326	NW 1/4	6	21	2	160	No Till
G-065103	SE 1/4	6	21	2	140	Minimum Till
G-029313	NE 1/4	6	21	10	96	No Till
G-052566	NW 1/4	6	21	10	156	No Till
G-061500	SW 1/4	6	21	10	130	No Till
G-027126	NW 1/4	6	21	11	147	No Till
G-002253	SW 1/4	6	21	11	143	No Till
G-070857	SE 1/4	6	21	12	128	No Till
G-021455	SW 1/4	6	21	12	73	No Till
G-038172	NW 1/4 of SE 1/4	7	16	1	130	No Till
G-036677	NW 1/4 of SW 1/4	7	16	1	130	No Till
G-065357	Cent of NE 1/4	7	16	2	132	No Till
G-067828	SE 1/4 of NW 1/4	7	16	2	132	No Till
G-113168	SE 1/4 of SW 1/4	7	16	4	6	No Till
G-079410	SW 1/4 of SE 1/4	7	16	4	55.5	No Till
G-149890	NE1/4 of SE1/4	7	16	5	15	No Till
G-132979	NW 1/4 of NW 1/4	7	16	5	30	No Till
G-132977	NW 1/4 of SW 1/4	7	16	5	33	No Till
G-082130	SE 1/4 of NW 1/4	7	16	5	235	No Till
G-095253	SW 1/4 of SE 1/4	7	16	5	54	No Till
G-106091	SW 1/4 of SW 1/4	7	16	5	54	No Till
G-010452	NE 1/4	7	16	6	32	No Till
G-088223	SE 1/4	7	16	6	72	No Till
G-062876	NE 1/4 of SW 1/4	7	16	7	60	No Till
G-037236	NW 1/4 of SE 1/4	7	16	7	7	No Till
G-021397	SE 1/4 of NW 1/4	7	16	7	8	No Till
G-125421	SW 1/4 of NE 1/4	7	16	7	65	No Till
G-175830	SW 1/4 of SE 1/4	7	16	7	35	No Till
G-003734	SW 1/4 of SE 1/4	7	16	7	6	No Till
G-132975	SW 1/4 of SE 1/4	7	16	7	54	No Till
G-003733	SW 1/4 of SW 1/4	7	16	7	7	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-132978	SW 1/4 of SW 1/4	7	16	7	58	No Till
G-036480	SE 1/4 of SE 1/4	7	16	8	111	Minimum Till
G-004669	SE 1/4 of SW 1/4	7	16	8	98	No Till
G-004363	SE1/4 SE1/4	7	16	8	111.12	Minimum Till
G-004364	NW 1/4 of NW 1/4	7	16	9	73.35	Minimum Till
G-023087	SW 1/4 of NW 1/4	7	16	9	73.35	Minimum Till
G-001705	SW 1/4 of SW 1/4	7	16	9	158.31	Minimum Till
G-164549	NE 1/4 of SW 1/4	7	16	10	156.38	Minimum Till
G-034439	SE 1/4 of NW 1/4	7	16	10	132	No Till
G-070269	NW 1/4 of SE 1/4	7	16	11	6	No Till
G-082100	SE 1/4	7	16	11	109	No Till
G-061177	SE 1/4 of NW 1/4	7	16	11	132	No Till
G-008503	SE 1/4 of SE 1/4	7	16	11	123	No Till
G-034449	NE 1/4 of SE 1/4	7	16	14	135	No Till
G-025792	NE 1/4 of SW 1/4	7	16	14	130	No Till
G-009416	NW 1/4	7	16	14	143	No Till
G-009417	NW1/4 NE1/4	7	16	14	130	No Till
G-137402	S1/2 of SW 1/4	7	16	14	130	No Till
G-095777	SW 1/4 of SE 1/4	7	16	14	120	No Till
G-016902	NW 1/4 of NW 1/4	7	16	16	64.59	No Till
G-020360	NW 1/4 of NW 1/4	7	16	18	72	No Till
G-071480	NW 1/4 of NE 1/4	7	16	19	101.96	Minimum Till
G-034766	SW 1/4 of SE 1/4	7	16	20	151	No Till
G-023786	SW 1/4 of SW 1/4	7	16	20	107.16	Minimum Till
G-035035	NW 1/4	7	16	22	131.5	No Till
G-030496	NW 1/4 of SW 1/4	7	16	24	150.7	Minimum Till
G-127327	SW 1/4 of NE 1/4	7	16	24	52.78	No Till
G-139271	NW 1/4 NW 1/4	7	16	25	120.35	Minimum Till
G-077982	NW 1/4 of SE 1/4	7	16	25	150.76	No Till
G-078372	SW 1/4 of NE 1/4	7	16	25	65	No Till
G-132241	NE 1/4 of SW 1/4	7	16	26	149.77	Minimum Till
G-133725	NW 1/4 of NE 1/4	7	16	26	149.77	Minimum Till
G-023268	NW 1/4 of SE 1/4	7	16	26	72	No Till
G-028083	SE 1/4 of NW 1/4	7	16	26	270.11	Minimum Till
G-137447	NW1/4 SW 1/4	7	16	28	135	No Till
G-064756	NW 1/4 of NE 1/4	7	16	29	77	No Till
G-031757	NE1/4	7	16	30	145.58	Minimum Till
G-126846	SE 1/4 of SE 1/4	7	16	30	140	No Till
G-132529	SW 1/4 of NW 1/4	7	16	30	147	No Till
A-004566	SW 1/4 of SE 1/4	7	16	31	137.53	No Till
G-120533	NW 1/4 of NW 1/4	7	16	32	148	No Till
G-003918	SE 1/4 of NW 1/4	7	16	33	154	No Till
G-026324	SW 1/4 of NE 1/4	7	16	33	130	No Till
G-130184	SW 1/4 of SE 1/4	7	16	33	142	No Till
G-023531	SW 1/4 of SW 1/4	7	16	33	154	No Till
G-013974	NE 1/4 of NW 1/4	7	16	34	67.5	No Till
G-025793	SW 1/4 of NW 1/4	7	16	34	67.5	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-026990	SW 1/4 of SW 1/4	7	16	34	130	Minimum Till
G-091431	SW 1/4 of NE 1/4	7	16	35	60.16	Minimum Till
G-032220	NE 1/4 of SE 1/4	7	16	36	6	No Till
G-064547	NW 1/4 of SW 1/4	7	16	36	143.59	Minimum Till
G-063671	Lot 12	7	17	6	140	No Till
G-036610	Cent of NE 1/4	7	17	8	130	Minimum Till
G-025177	Cent of NW 1/4	7	17	9	130	Minimum Till
G-063216	NW 1/4	7	17	16	135	No Till
G-058388	SE 1/4	7	17	16	135	Minimum Till
G-086436	SW 1/4	7	17	16	145	No Till
G-060103	NW 1/4	7	17	17	135	No Till
G-034034	NW 1/4	7	17	17	65	Minimum Till
G-083302	SW 1/4	7	17	17	74	No Till
G-071299	lots 1, 2, 7 & 8	7	17	18	15	No Till
G-014709	NW 1/4	7	17	20	130	No Till
G-043697	NW 1/4	7	17	20	130	No Till
G-026577	SE 1/4 of SW1/4	7	17	23	158	No Till
G-034035	NE 1/4	7	17	25	155	Minimum Till
G-041031	NE 1/4	7	17	28	110	Minimum Till
G-028884	SW 1/4	7	17	29	140	No Till
G-039976	SE 1/4	7	17	30	110	No Till
G-021595	NE 1/4	7	17	31	65	No Till
G-147457	NW 1/4	7	17	31	142	Minimum Till
G-061971	SE 1/4	7	17	31	123	No Till
G-030174	SE 1/4	7	17	32	135	No Till
G-059557	NE 1/4	7	18	15	125	No Till
G-057112	SE 1/4	7	18	15	105	No Till
G-137702	NE1/4	7	18	16	25	No Till
G-129448	NE of NW 1/4	7	18	17	90	No Till
G-129872	NW of NE 1/4	7	18	17	30	No Till
G-127903	NW of NE 1/4	7	18	18	126	Minimum Till
G-041826	SE 1/4	7	18	19	148.5	No Till
G-149618	SW 1/4	7	18	19	120	No Till
G-130665	SW of SW 1/4	7	18	20	125	No Till
G-131463	SE	7	18	21	130	No Till
G-022438	NE 1/4	7	18	22	10	No Till
G-056497	NW 1/4	7	18	22	110	No Till
G-074311	NE of NW 1/4	7	18	23	130	Minimum Till
G-037113	NE 1/4	7	18	24	14.4	No Till
G-076064	NE 1/4	7	18	24	143	No Till
G-037114	SE 1/4	7	18	24	161	No Till
G-012216	NE 1/4	7	18	25	62	No Till
G-131663	SE 1/4	7	18	25	135	No Till
G-028701	SE 1/4	7	18	26	75	No Till
G-022950	SW 1/4	7	18	26	72	No Till
G-041838	NE 1/4	7	18	27	75	No Till
G-084401	NW 1/4	7	18	27	148	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-040650	SE 1/4	7	18	27	125	No Till
G-002216	NE 1/4	7	18	28	130	No Till
A-005544	NW 1/4	7	18	28	135	No Till
G-020280	SW 1/4	7	18	28	144	No Till
G-127904	NE of NW 1/4	7	18	29	10	Minimum Till
G-074748	NW 1/4	7	18	29	100	No Till
G-132769	NW of SW 1/4	7	18	32	130	No Till
G-093751	SE 1/4	7	18	34	130	No Till
G-018622	NE 1/4	7	18	35	8	No Till
G-139527	NW1/4	7	18	35	80	No Till
G-023607	SW 1/4	7	18	35	142	Minimum Till
G-028077	NW 1/4	7	18	36	146	No Till
G-131813	SE 1/4	7	19	13	31	Minimum Till
G-134259	NE 1/4	7	19	14	90	Minimum Till
G-129696	NW 1/4	7	19	14	125	No Till
G-007043	NW 1/4	7	19	16	143	No Till
G-034763	SE 1/4	7	19	16	75.7	No Till
G-014735	NW 1/4	7	19	17	73	No Till
G-126121	SE1/4	7	19	18	130	No Till
G-133385	SW of SW 1/4	7	19	18	144.02	Minimum Till
G-133633	NW of NE 1/4	7	19	19	144.14	Minimum Till
G-074549	NE 1/4	7	19	20	134	No Till
G-013807	NE 1/4	7	19	21	85	No Till
G-038793	NW 1/4	7	19	21	66.5	No Till
G-121515	NW of SE 1/4	7	19	21	65	No Till
G-045570	NE NE 1/4	7	19	22	135	No Till
G-061996	SE 1/4	7	19	22	114	Minimum Till
G-033171	SW 1/4	7	19	22	136	Minimum Till
G-130799	NE of SE 1/4	7	19	23	125	No Till
G-171471	NW 1/4	7	19	23	65	No Till
G-071266	NW 1/4	7	19	24	65	No Till
G-132613	SE 1/4	7	19	24	120	No Till
G-132645	SW 1/4	7	19	25	90	No Till
G-038816	SE 1/4	7	19	26	127	No Till
G-000317	NE 1/4	7	19	27	66	Minimum Till
G-023819	SW 1/4	7	19	27	142	No Till
G-012652	SE 1/4	7	19	31	156	No Till
G-023124	SW 1/4	7	19	32	139	Minimum Till
G-001460	SE 1/4	7	19	33	120	Minimum Till
G-064984	NE 1/4	7	19	34	135	No Till
G-066270	NW 1/4	7	19	34	142	No Till
G-174557	NE	7	19	35	132	Minimum Till
G-032770	SW SW 1/4	7	19	35	107	No Till
G-119660	NE 1/4	7	19	36	88	No Till
G-065049	NW 1/4	7	19	36	135	No Till
G-151663	SW 1/4	7	19	36	62	No Till
G-023093	SW 1/4	7	20	13	140.93	Minimum Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-133634	NW of SE 1/4	7	20	14	141.61	Minimum Till
G-119178	NW 1/4	7	20	16	142	No Till
G-037931	NE 1/4	7	20	18	130	Minimum Till
G-133370	SW of SW 1/4	7	20	19	136	No Till
G-131571	NE of SE 1/4	7	20	20	140	No Till
G-013424	NE 1/4	7	20	21	108	No Till
G-041512	NW 1/4	7	20	21	123	No Till
G-025483	SW 1/4	7	20	21	135	No Till
G-071957	NW 1/4	7	20	23	109.77	Minimum Till
G-135943	NW of NE 1/4	7	20	23	140.12	Minimum Till
G-033288	NE 1/4	7	20	26	75	No Till
G-044047	NW 1/4	7	20	26	73	No Till
G-042184	NW SE 1/4	7	20	26	152	No Till
G-035840	NE 1/4	7	20	30	135	Minimum Till
G-067820	SW 1/4	7	20	30	140	Minimum Till
A-005605	SW 1/4	7	20	31	41	No Till
A-005573	SW 1/4	7	20	31	60	Minimum Till
G-027484	NW 1/4	7	20	32	142	No Till
G-087415	NE 1/4	7	20	33	162	No Till
G-037542	SW 1/4	7	20	34	164	No Till
G-039565	SE 1/4	7	20	36	140	Minimum Till
G-070535	NE 1/4	7	21	24	125	No Till
G-072797	SE 1/4	7	21	25	102	No Till
G-039594	SE 1/4	7	21	27	81	No Till
G-045821	NE 1/4	7	21	34	150	No Till
G-027227	NW 1/4	7	21	34	48	No Till
G-009227	SW 1/4	7	21	34	124	No Till
G-043947	NE 1/4	7	21	35	135	Minimum Till
G-013356	SE 1/4	7	21	35	135	Minimum Till
G-074140	SW 1/4	7	21	35	133	No Till
G-044165	NE 1/4	7	21	36	90.1	No Till
G-000559	NW 1/4	7	21	36	97	No Till
G-014933	SE 1/4	7	21	36	150	Minimum Till
G-061501	SE 1/4	7	21	36	140	Minimum Till
G-029565	SW 1/4	7	21	36	75	Minimum Till
G-064932	SW 1/4	7	21	36	75	Minimum Till
G-039518	NE 1/4	8	13	11	138.27	No Till
G-008921	SE 1/4	8	13	11	40.5	Minimum Till
G-008919	SE 1/4	8	13	12	4	No Till
G-078200	SE 1/4	8	13	12	131	No Till
G-015972	SE 1/4	8	13	13	67	No Till
G-017198	SW 1/4	8	13	13	66	Minimum Till
G-069234	NE 1/4	8	13	14	142.8	Minimum Till
G-005981	SW 1/4	8	13	15	60	Minimum Till
A-005044	SW 1/4	8	13	15	60	Minimum Till
G-062047	SW 1/4	8	13	15	29	Minimum Till
A-005964B	NE 1/4	8	13	16	117	No Till

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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-014730	SW 1/4	8	13	16	60	Minimum Till
G-014731	SW 1/4	8	13	16	32	Minimum Till
G-016588	NE 1/4	8	13	17	150	No Till
G-010285	NW 1/4	8	13	17	132	No Till
G-060270	SE 1/4	8	13	17	62	No Till
G-034215	NE 1/4	8	13	20	134	No Till
G-044419	SE 1/4	8	13	20	134	No Till
G-042426	NE 1/4	8	13	21	147.9	No Till
G-033694	NE 1/4	8	13	22	135	No Till
G-012428	NW 1/4	8	13	22	127	No Till
G-067372	NE 1/4	8	13	23	133	No Till
G-067373	NW of NW 1/4	8	13	23	130	No Till
G-063600	SE 1/4	8	13	23	134	No Till
G-064757	SW 1/4	8	13	23	133	No Till
G-043853	NE 1/4	8	13	24	127	No Till
G-009241	SE 1/4	8	14	14	59	Minimum Till
G-009240	SE 1/4	8	14	14	59	Minimum Till
G-050885	NW 1/4	8	14	22	130	Minimum Till
G-007078	NE 1/4	8	14	23	68.5	No Till
G-012338	NW 1/4	8	14	23	130	Minimum Till
G-018674	NW 1/4	8	14	24	90	No Till
G-040841	SE 1/4	8	14	25	131	No Till
G-036446	SE 1/4	8	14	28	130	No Till
G-070411	SW 1/4	8	14	28	122.7	No Till
G-097707	NW 1/4	8	14	29	140	Minimum Till
G-041088	SE 1/4	8	15	25	120	No Till
G-016781	SW 1/4	8	15	25	65	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-186194	SW 1/4	8	16	17	34	Minimum Till
G-037028	SW 1/4	8	16	18	65	Minimum Till
G-035306	NE 1/4	8	16	19	150	Minimum Till
G-097675	NW 1/4	8	16	19	18	Minimum Till
G-032115	NW 1/4	8	16	19	7	Minimum Till
G-015835	NW 1/4	8	16	19	135	Minimum Till
G-125420	SE 1/4	8	16	19	75	Minimum Till
G-058905	SW 1/4	8	16	19	7	Minimum Till
G-034320	SE 1/4	8	16	30	133	No Till
G-034321	SW 1/4	8	16	30	136	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-068539	SE 1/4	8	17	20	133	No Till
G-048556	SW 1/4	8	17	20	150	Minimum Till
G-153081	NW 1/4	8	17	23	67	Minimum Till
G-044409	SW 1/4	8	17	23	144	Minimum Till
G-018587	SW 1/4	8	17	24	137	Minimum Till

Tri-Basin NRD Platte Basin No Till Acres - 2019 Platte Basin Annual Report
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Well Reg	Legal	T Ship	Range	Sect	Irrigated acres	Tillage Practice
G-049239	NW 1/4	8	17	25	153	No Till
G-049240	SW 1/4	8	17	25	133	No Till
G-061318	NE 1/4	8	17	26	137	No Till
G-063556	NW 1/4	8	17	26	137	No Till
G-108717	SE 1/4	8	17	26	137	No Till
G-090906	SW 1/4	8	17	26	137	No Till
G-042999	NE 1/4	8	17	29	132	No Till
G-060937	NW 1/4	8	17	29	130	No Till
G-060896	SE 1/4	8	17	29	130	No Till
G-064839	SW 1/4	8	17	29	130	No Till
G-088499	NE 1/4	8	17	33	134	No Till
G-088500	SE 1/4	8	17	33	134	No Till
G-055521	NW 1/4	8	17	34	136.9	Minimum Till
G-047120	SW 1/4	8	17	34	135	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-069018	SW 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	130	No Till
G-137937	SW 1/4	8	17	36	132	No Till
G-077075	SE 1/4	8	18	13	146	Minimum Till
G-060781	SW 1/4	8	18	13	120	No Till
G-001168A	NE 1/4	8	18	14	32	No Till
G-003138	NE 1/4	8	18	14	34.9	Minimum Till
G-008007	NW 1/4	8	18	21	130	Minimum Till
G-041258	NE 1/4	8	18	24	153	Minimum Till
G-002623	NW 1/4	8	18	24	110	Minimum Till
G-085981	NW of NW 1/4	8	18	24	110	Minimum Till
G-068036	Cent of NE 1/4	8	18	25	130	Minimum Till

**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
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2006			
Dates of Recharge Diversion	1/24/06 to 2/13/06	8/8/06 to 2 /13/06	12/22/06 to 12/31/06
Elwood Reservoir Diversions			
AF, in	6131	627	
\$/af			
\$/other			
Notes	gravity, Appears to be no charges	gravity, Appears to be no charges	gravity, JO costs, NGPC was billed for 50% of the JO costs
Elwood Releases			
AF, in			
\$/af			
\$/other			
Notes			
E65 Canal			
AF, in			
\$/af			
\$/other			
Notes			
Phelps Canal			
AF, in			
\$/af			
\$/other			
Notes			
Funk Lagoon			
AF, in			
\$/af			
Notes			
Funds			
Total \$	N/A	N/A	\$16,752.44
PRRIP			
NDNR			
TBNRD			
NGPC			\$16,752.44

**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
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2007			
Dates of Recharge Diversion	5/30/07 to 6/25/07	7/9/07 to 7/11/07	7/31/07 to 8/8/07
Elwood Reservoir Diversions			
AF, in			
\$/af			
\$/other			
Notes	gravity, JO costs	gravity, Not billed	gravity, JO Costs
Elwood Releases			
AF, in			
\$/af			
\$/other			
Notes			
E65 Canal			
AF, in			
\$/af			
\$/other			
Notes			
Phelps Canal			
AF, in			
\$/af			
\$/other			
Notes			
Funk Lagoon			
AF, in			
\$/af			
Notes			
Funds			
Total \$	\$57,819.51	N/A	\$17,686.39
PRRIP			
NDNR			
TBNRD			
NGPC	\$57,819.51		\$17,686.39

**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
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2008-2009				
Dates of Recharge Diversion	5/23/08 to 6/11/08	7/18/08 to 7/21/08	8/10/08 to 8/19/08	6/21/09 to 8/21/09
Elwood Reservoir Diversions				
AF, in				
\$/af				
\$/other				
Notes	4240 af gravity, 2543 pumped, \$ pump & hydro	pumped, \$pump & hydro	gravity, \$ for hydro offset	diversions stopped once irrigation decision was made
Elwood Releases				
AF, in				
\$/af				
\$/other				
Notes				
E65 Canal				
AF, in				
\$/af				
\$/other				
Notes				
Phelps Canal				
AF, in				
\$/af				
\$/other				
Notes				
Funk Lagoon				
AF, in				
\$/af				
Notes				
Funds				
Total \$	\$66,568.32	\$12,878.02	\$10,498.40	\$25,572.80
PRRIP				
NDNR				
TBNRD	\$33,284.16	\$6,439.01	\$5,249.20	\$12,786.40
NGPC	\$33,284.16	\$6,439.01	\$5,249.20	\$12,786.40

**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
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2012-2013								
Dates of Recharge Diversion	9/28/11 to 1/5/12	12/4/12 to 3/11/13	9/19/13 to 10/31/13					
Elwood Reservoir Diversions								
AF, in			12385					
\$/af			35					
\$/other								
Notes			Pumped					
Elwood Releases								
AF, in								
\$/af								
\$/other								
Notes								
E65 Canal								
AF, in				2615				
\$/af				35				
\$/other								
Notes				Canal to NP 23.7-3.2, Cottonwood WPA, and 36.2S				
Phelps Canal								
AF, in						3890	2000	3897
\$/af						25	25	NA
\$/other								
Notes						down to MP 13.3	Funk Lagoon	Phelps below 13.3 to 51.1 plus 19.1, 38.6. No payment for these diversions.
Funk Lagoon								
AF, in								
\$/af								
Notes								
Funds								
Total \$	\$138,954.00	\$102,200.00	\$433,475.00	\$91,525.00	\$97,250.00	\$50,000.00	NA	
PRRIP	\$69,477.00	\$102,200.00			\$48,625.00	\$50,000.00		
NDNR	\$41,686.20		\$260,085.00	\$54,915.00	\$29,175.00			
TBNRD	\$27,790.80		\$173,390.00	\$36,610.00	\$19,450.00			
NGPC								

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2014							
Dates of Recharge Diversion	6/10/14 to 7/7/14	11/26/14 to 11/30/14			12/9/14 to 12/27/14		11/26/14 to 12/31/14
Elwood Reservoir Diversions							
AF, in	13237	1763	37		8309.2		
\$/af	39	39	NA		41		
\$/other							
Notes	Pumped, 15,000 af contract with amendment	Pumped, finished contract 11-26 to 11-30	Not billed but pumped into Elwood		Pumped, 5000 af contract + 5000 af amendment		
Elwood Releases							
AF, in							
\$/af							
\$/other							
Notes							
E65 Canal							
AF, in				70		567.1	
\$/af				NA		38	
\$/other							
Notes				Not billed, part of Elwood filling, down to MP 5.9		down to MP 20.1	
Phelps Canal							
AF, in							2346
\$/af							27
\$/other							
Notes							down to MP 13.3
Funk Lagoon							
AF, in							
\$/af							
Notes							
Funds							
Total \$	\$516,243.00	\$68,757.00	NA	NA	\$340,677.20	\$21,549.80	\$63,339.30
PRRIP							\$31,669.65
NDNR	\$258,121.50	\$34,378.50			\$170,338.60	\$10,774.90	\$31,669.65
TBNRD	\$258,121.50	\$34,378.50			\$170,338.60	\$10,774.90	
NGPC							

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2015 (cont. on 46) Dates of Recharge Diversion	1/1/15 to 2/14/15		1/14/15 to 1/21/15		5/11/15 to 8/24/15		
Elwood Reservoir Diversions							
AF, in			1028.8		6800		9007
\$/af			42.6		42.6		42.6
\$/other							
Notes			Finished out 10,000 af contract, pumped		For NDNR/ TBNRD, finished out Amend- ments No 1 thru No 4 (Total 17,000 AF)		For PRRIP
Elwood Releases							
AF, in							
\$/af							
\$/other							
Notes							
E65 Canal							
AF, in				94.9	200		
\$/af				39.5	39.5		
\$/other							
Notes				in Canal to MP 5.9	Into Cotton- wood WPA, part of Amend- ment No 1		
Phelps Canal							
AF, in	1654	543.7					
\$/af	28.1	28.1					
\$/other							
Notes	down to MP 13.3, up to 4000 af, then PRRIP to get 100%	down to MP 13.3, PRRIP only					
Funk Lagoon							
AF, in							
\$/af							
Notes							
Total \$	\$46,447.13	\$15,267.10	\$43,868.03	\$3,750	\$289,952.00	\$7,904.00	\$384,058.48
PRRIP	\$23,223.56	\$15,267.10					\$384,058.48
NDNR	\$23,223.56		\$21,934.02	\$1,875.22	\$144,976.00	\$3,950.00	
TBNRD			\$21,934.02	\$1,875.22	\$144,976.00	\$3,950.00	
NGPC							

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2015 (cont.) Dates of Recharge Diversion	11/23/15 to 12/18/15			11/16/15 to 12/31/15		12/19/15 to 2/1/16
Elwood Reservoir Diversions						
AF, in	3227		5776			
\$/af	42.6		42.6			
\$/other						
Notes	For NDNR/ TBNRD, 11-16- 15 Agreement for 4500 af total Canal and Elwood		For PRRIP, May 2015 Agree- ment and Amendment No 1			
Elwood Releases						
AF, in						1119
\$/af						
\$/other						
Notes						Released from Elwood to E65 Canal. Sub- tracted from NDNR/State Elwood Acct for recharge in E65 Canal. No charge in the contract
E65 Canal						
AF, in					1273	
\$/af					39.5	
\$/other						
Notes					For NDNR/TBNRD, 11-16-15 Agreement for 4500 af total Canal and Elwood, down to MP 20.1	
Phelps Canal						
AF, in				747.5	2243	
\$/af				28.1	28.1	
\$/other						
Notes				down to MP 13.3, 25% of diversions for NDNR, 11-18- 15 Agreement	down to MP 13.3, 75% of diversions for PRRIP, 11-26-14 Agreement	
Funk Lagoon						
AF, in						
\$/af						
Notes						
Funds						
Total \$	\$137,599.28	\$50,308.96	\$246,288.64	\$20,989.80	\$62,969.40	NA
PRRIP			\$246,288.64		\$62,969.40	
NDNR	\$68,799.64	\$25,154.48		\$20,989.80		
TBNRD	\$68,799.64	\$25,154.48				
NGPC						

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2016 (Cont. on pg. 48) Dates of Recharge Diversion	1/1/16 to 2/14/16		3/16/16 to 4/13/16		3/16/16 to 3/20/16		9/15/16 to 12/31/16	
Elwood Reservoir Diversions								
AF, in								
\$/af								
\$/other								
Notes								
Elwood Releases								
AF, in								
\$/af								
\$/other								
Notes								
E65 Canal								
AF, in			500	28				
\$/af			41.1					
\$/other								
Notes			Fullfills 3-17-16 agreement (ammendment NO.1), down to MP 20.1	Not Billed, excess diversion as part of 500 af agreement				
Phelps Canal								
AF, in	489.25	1467.75	157.5	472.5			1080.5	3241.4
\$/af	29.2	29.2	29.2	29.2			29.2	29.2
\$/other								
Notes	down to MP 13.3, 25% of diversions for NDNR, 11-18-15 Agreement	down to MP 13.3, 75% of diversions for PRRIP, 12-11-15 Agreement	down to MP 13.3, 25% of diversions for NDNR, 11-18-15 Agreement	down to MP 13.3, 75% of diversions for PRRIP, 12-11-15 Agreement			down to MP 13.3, 25% of diversions for NDNR, 9-20-2016 Agreement	down to MP 13.3, 75% of diversions for PRRIP, 9-26-2016 Agreement
Funk Lagoon								
AF, in								
\$/af								
Notes								
Funds								
Total \$	\$14,286.10	\$42,858.30	\$4,599.00	\$13,797.00	\$20,550.00	NA	\$31,550.60	\$94,648.88
PRRIP		\$42,858.30		\$13,797.00				\$94,648.88
NDNR	\$14,286.10		\$4,599.00		\$10,275.00		\$31,550.60	
TBNRD					\$10,275.00			
NGPC								

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2016 (Cont.) Dates of Recharge Diversion	12/10/16 to 12/31/16			12/9/16 to 12/31/16	
Elwood Reservoir Diversions					
AF, in	1152	2880	1728		
\$/af	44.4	44.4	44.4		
\$/other					
Notes	For TBNRD, 12-7-2016 Agreement with \$127,036 limit for TBNRD and 60% NDNR/40% TBNRD split	For TBNRD, 12-7-2016 Agreement with \$127,036 limit for TBNRD and 60% NDNR/40% TBNRD split	For NDNR, 12-7-2016 Agreement with \$190,554 limit for NDNR and 60% NDNR/40% TBNRD split		
Elwood Releases					
AF, in					
\$/af					
\$/other					
Notes					
E65 Canal					
AF, in				335.9	503.8
\$/af				41.1	41.1
\$/other					
Notes				For TBNRD, 12-7-2016 Agreement with \$127,036 limit for TBNRD and 60% NDNR/40% TBNRD split, Water down to MP 19.3	For NDNR, 12-7-2016 Agreement with \$190,554 limit for NDNR and 60% NDNR/40% TBNRD split, Water down to MP 19.3
Phelps Canal					
AF, in					
\$/af					
\$/other					
Notes					
Funk Lagoon					
AF, in					
\$/af					
Notes					
Funds					
Total \$	\$51,091.20	\$127,728.00	\$76,636.80	\$13,805.49	\$20,706.18
PRRIP		\$127,728.00			
NDNR			\$76,636.80		\$20,706.18
TBNRD	\$51,091.20			\$13,805.49	
NGPC					

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2017 (Cont. on pg. 50) Dates of Recharge Diversion	1/1/17 to 1/30/17		1/1/17 to 1/31/17	1/1/17 to 2/14/17		1/1/17 to 2/14/17	1/1/17 to 2/14/17	9/15/17 to 10/12/17	
Elwood Reservoir Diversions									
AF, in	1631.6	2447.4							
\$/af	45.7	45.7							
\$/other									
Notes	For TBNRD, 1-23-17 Amendment for \$164,800 limit.	For NDNR, 1-23-17 Amendment for \$247,200 limit.							
Elwood Releases									
AF, in									
\$/af									
\$/other									
Notes									
E65 Canal									
AF, in				599.4	899.1				
\$/af				42.3	42.3				
\$/other									
Notes				For TBNRD, 1-23-17 Amendment for \$164,800 limit. Water to MP 19.3	For NDNR, 1-23-17 Amendment for \$247,200 limit. Water to MP 19.3				
Phelps Canal									
AF, in						338.50	1015.40	1353.50	451.20
\$/af						30.1	30.1	30.1	30.1
\$/other									
Notes						down to MP 13.3, 25% of diversions for NDNR, 9-20-2016 Agreement, 2,666 af limit	down to MP 13.3, 75% of diversions for PRRIP, 9-26-2016 Agreement, 8,000 af limit	down to MP 13.3, 75% of diversions for PRRIP, 10-20-17 Agreement	down to MP 13.3, 25% of diversions for NDNR, 9-20-2016 Agreement, 2,666 af limit
Funk Lagoon									
AF, in									
\$/af									
Notes									
Funds									
Total \$	\$74,531.49	\$111,797.23	\$208,789.58	\$25,372.60	\$38,058.90	\$10,182.08	\$30,543.23	\$40,713.28	\$13,572.10
PRRIP			\$208,789.58				\$30,543.23	\$40,713.28	
NDNR		\$111,797.23			\$38,058.90	\$10,182.08			\$13,572.10
TBNRD	\$74,531.49			\$25,372.60					
NGPC									

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2017 (Cont.) Dates of Recharge Diversion	11/28/17 to 12/22/17	12/15/17 to 12/22/17				12/1/17 to 12/31/17	
Elwood Reservoir Diversions							
AF, in	6953.6	657.5	986.3				
\$/af	45.7	50.7	50.7				
\$/other							
Notes	For PRRIP, 10-20-17 Agreement, 8,000 af limit, All diversion to PRRIP until 12-15-17 when NDNR/TBNRD signed agreement, then 50%/50% split with them	For TBNRD, 12-15-17 Agreement, 50/50 split with PRRIP and then 40% of that split to TBNRD, 13,500 af limit for State and TBNRD combined	For NDNR, 12-15-17 Agreement, 50/50 split with PRRIP and then 60% of that split to State, 13,500 af limit for State and TBNRD combined				
Elwood Releases							
AF, in							
\$/af							
\$/other							
Notes							
E65 Canal							
AF, in				66.6	100		
\$/af				42.3	42.3		
\$/other							
Notes				For TBNRD, 12-15-17 Agreement, Contract No. 1024, 40% split to TBNRD, 60% to NDNR, 13,500 af limit for State and TBNRD combined	For NDNR, 12-15-17 Agreement, Contract No. 1024, 60% of that split to NDNR, 40% split to TBNRD, 13,500 af limit for State and TBNRD combined		
Phelps Canal							
AF, in						1317.70	439.20
\$/af						30.1	30.1
\$/other							
Notes						down to MP 13.3, 75% of diversions for PRRIP, 10-20-17 Agreement	down to MP 13.3, 25% of diversions for NDNR, 9-20-2016 Agreement, 2,666 af limit
Funk Lagoon							
AF, in							
\$/af							
Notes							
Funds							
Total \$	\$317,640.45	\$33,322.10	\$49,985.68	\$2,819.18	\$4,233.00	\$39,636.42	\$13,211.14
PRRIP	\$317,640.45					\$39,636.42	
NDNR			\$49,985.68		\$4,233.00		\$13,211.14
TBNRD		\$33,322.10		\$2,819.18			
NGPC							

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2018 (Cont. on pg. 52) Dates of Recharge Diversion	1/3/18 to 3/22/18		1/5/18 to 2/8/18			1/1/18 to 2/12/18
Elwood Reservoir Diversions						
AF, in			3854.9	1542		2313
\$/af			47.1	52.2		52.2
\$/other						
Notes			For PRRIP, 10-20-17 Agreement, 8,000 af limit, 1-8-18 Amendment took limit to 12,000 af, 50%/50% split with NDNR/TBNRD	For TBNRD, 12-15-17 Agreement, 50/50 split with PRRIP and then 40% of that split to TBNRD, 13,500 af limit and/or \$362,948 limit for State and TBNRD combined		For NDNR, 12-15-17 Agreement, 50/50 split with PRRIP and then 60% of that split to State, 13,500 af limit and/or \$362,948 limit for State and TBNRD combined
Elwood Releases						
AF, in						
\$/af						
\$/other						
Notes						
E65 Canal						
AF, in	360.5	540.8				
\$/af	43.6	43.6				
\$/other						
Notes	For TBNRD, 12-15-17 Agreement, Contract No. 1024, 40% split to TBNRD, 60% to NDNR, 13,500 af limit for State and TBNRD combined. Diversions down to MP 19.3	For NDNR, 12-15-17 Agreement, Contract No. 1024, 60% of that split to NDNR, 40% split to TBNRD, 13,500 af limit for State and TBNRD combined. Diversions down to MP 19.3				
Phelps Canal						
AF, in						1066.00
\$/af						31
\$/other						
Notes						10-20-17 Agreement. No agreement with NDNR, PRRIP got all diversions. Diversions down to MP 13.3. NOTE: Total diversions were reduced by 200 af for water left in the Phelps Canal at the start of irrigation season.
Funk Lagoon						
AF, in						
\$/af						
Notes						
Funds						
Total \$	\$15,717.80	\$23,578.88	\$181,373.05	\$80,492.40	\$120,738.60	\$33,024.68
PRRIP			\$181,373.05			\$33,024.68
NDNR		\$23,578.88			\$120,738.60	
TBNRD	\$15,717.80			\$80,492.40		
NGPC						

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2018 (Cont.) Dates of Recharge Diversion	11/19/18 to 12/31/18	11/21/18 to 12/20/18	11/22/18 to 12/20/18	12/3/18 to 12/31/18		
Elwood Reservoir Di- versions						
AF, in				11061		
\$/af				47.1		
\$/other						
Notes				11-26-18 SWA Ammendment No. 2, took limit to 30,000 af. All for PRRIP. NDNR and TBNRD wanted the remainder of their contract in E65 Canal		
Elwood Releases						
AF, in						
\$/af						
\$/other						
Notes						
E65 Canal						
AF, in					196.8	295.1
\$/af					43.6	43.6
\$/other						
Notes					Contract 1024, for TBNRD, down to MP 19.3	Contract 1024, for NDNR, down to MP 19.3
Phelps Canal						
AF, in	2191.80	1001.00				
\$/af	31	31				
\$/other						
Notes	10-27-19 WSA w/ PRRIP, Diversions down to MP 13.3	11-15-17 WPA WSA with TBNRD, from MP 13.3 to MP 34.2.				
Funk Lagoon						
AF, in			1952.4			
\$/af			25.5			
Notes			11-15-17 WPA WSA with TBNRD, Delivery to Funk Lagoon			
Funds						
Total \$	\$67,901.96	\$31,010.98	\$49,786.20	\$520,401.23	\$8,580.48	\$12,866.36
PRRIP	\$67,901.96			\$520,401.23		
NDNR						\$12,866.36
TBNRD		\$31,010.98	\$49,786.20		\$8,580.48	
NGPC						

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Dates of Recharge Diversion	1/1/19 to 1/24/19	1/1/19 to 1/28/19	1/1/19 to 1/31/19	
Elwood Reservoir Diversions				
AF, in				
\$/af				
\$/other				
Notes				
Elwood Releases				
AF, in				
\$/af				
\$/other				
Notes				
E65 Canal				
AF, in			297	445.5
\$/af			44.9	44.9
\$/other				
Notes			Contract 1024 w/ 1-7-19 Ammendment, for TBNRD, down to MP 19.3	Contract 1024 w/ 1-7-19 Ammendment, for NDNR, down to MP 19.3
Phelps Canal				
AF, in	712.1			
\$/af	31.9			
\$/other				
Notes	10-27-19 WSA w/ PRRIP, Diversions			
Funk Lagoon				
AF, in				
\$/af				
Notes				
Funds				
Total \$	\$22,723.11	\$347,879.80	\$13,338.27	\$20,007.41
PRRIP	\$22,723.11	\$347,879.80		
NDNR				\$20,007.41
TBNRD			\$13,338.27	
NGPC				

**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
Appendix D**

2019 (Cont. on pg. 60 & 61) Dates of Recharge Diversion	1-1-19 to 1-24-19	1-1-19 to 1-28-19	1-1-19 to 1-31-19	
Elwood Reservoir Diversions				
AF, in		7178.7		
\$/af		48.46		
\$/other				
Notes		11-26-18 SWA Amendment No. 2, took limit to 30,000 af. All for PRRIP. NDNR and TBNRD wanted the remainder of their contract in E65 Canal		
Elwood Releases				
AF, in				
\$/af				
\$/other				
Notes				
E65 Canal				
AF, in			297	445.5
\$/af			44.91	44.91
\$/other				
Notes			Contract 1024 w/ 1-7-19 Amendment, for TBNRD, down to MP 19.3	Contract 1024 w/ 1-7-19 Amendment, for NDNR, down to MP 19.3
Phelps Canal				
AF, in	712.10			
\$/af	31.91			
\$/other				
Notes	10-20-17 WSA w/ PRRIP, Diversions down to MP 13.3			
Funk Lagoon				
AF, in				
\$/af				
Notes				
Funds				
Total \$	\$ 22,723.11	\$ 347,879.80	\$ 13,338.27	\$20,007.40
PRRIP	\$ 22,723.11	\$ 347,879.80		
NDNR				\$20,007.40
TBNRD			\$ 13,338.27	
NGPC				

**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
Appendix D**

2019 (Cont.)	5-10-19 to 5-16-19			5-10-19 to 5-20-19
Dates of Recharge Diversion				
Elwood Reservoir Diversions				
AF, in	941.3		123.2	184.9
\$/af	48.46		53.77	53.77
\$/other				
Notes	For PRRIP. 11-26-18 SWA Amendment No. 2 , took limit to 30,000 af for PRRIP. 1-3-19 WSA Amendment to 1024 extends cost cap to \$402,247 for TBNRD-NDNR. 50% split until TBNRD-NDNR full then all to PRRIP. These deliveries fulfilled both amendments.	For TBNRD. 11-26-18 SWA Amendment No. 2 , took limit to 30,000 af for PRRIP. 1-3-19 WSA Amendment to 1024 extends cost cap to \$402,247 for TBNRD-NDNR. 50% split until TBNRD-NDNR full then all to PRRIP. These deliveries fulfilled both amendments. TBNRD 40%, NDNR 60% of their 50% of total diversions	For NDNR. 11-26-18 SWA Amendment No. 2 , took limit to 30,000 af for PRRIP. 1-3-19 WSA Amendment to 1024 extends cost cap to \$402,247 for TBNRD-NDNR. 50% split until TBNRD-NDNR full then all to PRRIP. These deliveries fulfilled both amendments. TBNRD 40%, NDNR 60% of their 50% of total diversions	
Elwood Releases				
AF, in				
\$/af				
\$/other				
Notes				
E65 Canal				
AF, in				
\$/af				
\$/other				
Notes				
Phelps Canal				
AF, in				
\$/af				
\$/other				
Notes				
Funk Lagoon				
AF, in				
\$/af				
Notes				
Funds				
Total \$	\$ 45,615.40	\$ 6,624.46	\$ 9,942.07	\$ 6,557.12
PRRIP	\$ 45,615.40			
NDNR			\$ 9,942.07	
TBNRD		\$ 6,624.46		\$ 6,557.12
NGPC				

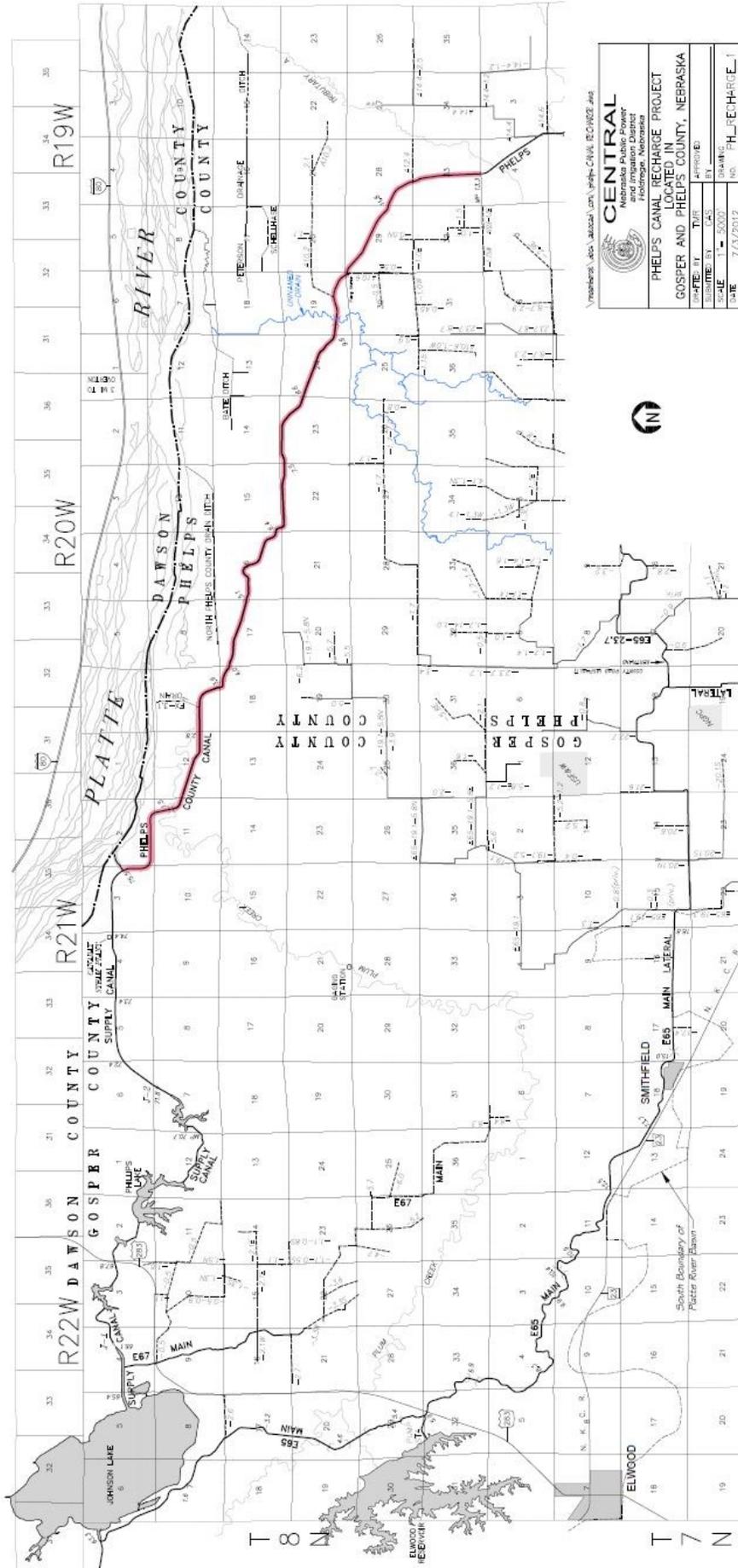
**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
Appendix D**

2019 (Cont.) Dates of Recharge Diversion	7-9-19 to 7-29-19	9-12-19 to 9-28-19	12-16-19 to 12-31-19	12-16-19 to 12-31-19	12-20-19 to 12-31-19
Elwood Reservoir Diversions					
AF, in	4955.2	5463.9			
\$/af	48.46	48.46			
\$/other					
Notes	For PRRIP. 6-24-19 WSA (30,000 af limit annually)	For PRRIP. 6-24-19 WSA (30,000 af limit annually)			
Elwood Releases					
AF, in					
\$/af					
\$/other					
Notes					
E65 Canal					
AF, in			250.4	375.6	
\$/af			44.91	44.91	
\$/other					
Notes			E65 Canal recharge down to MP 23.7-0.3-TBNRD under contract #1150, 60/40 split TBNRD/DNR	E65 Canal recharge down to MP 23.7-0.3 -DNR under contract #1150, 60/40 split TBNRD/DNR	
Phelps Canal					
AF, in					
\$/af					
\$/other					
Notes					
Funk Lagoon					
AF, in					
\$/af					
Notes					
Funds					
Total \$	\$ 240,128.99	\$ 264,780.59	\$ 11,245.46	\$ 16,868.20	\$ 12,101.63
PRRIP	\$ 240,128.99	\$ 264,780.59			
NDNR				\$ 16,868.20	
TBNRD			\$ 11,245.46		\$ 12,101.63
NGPC					

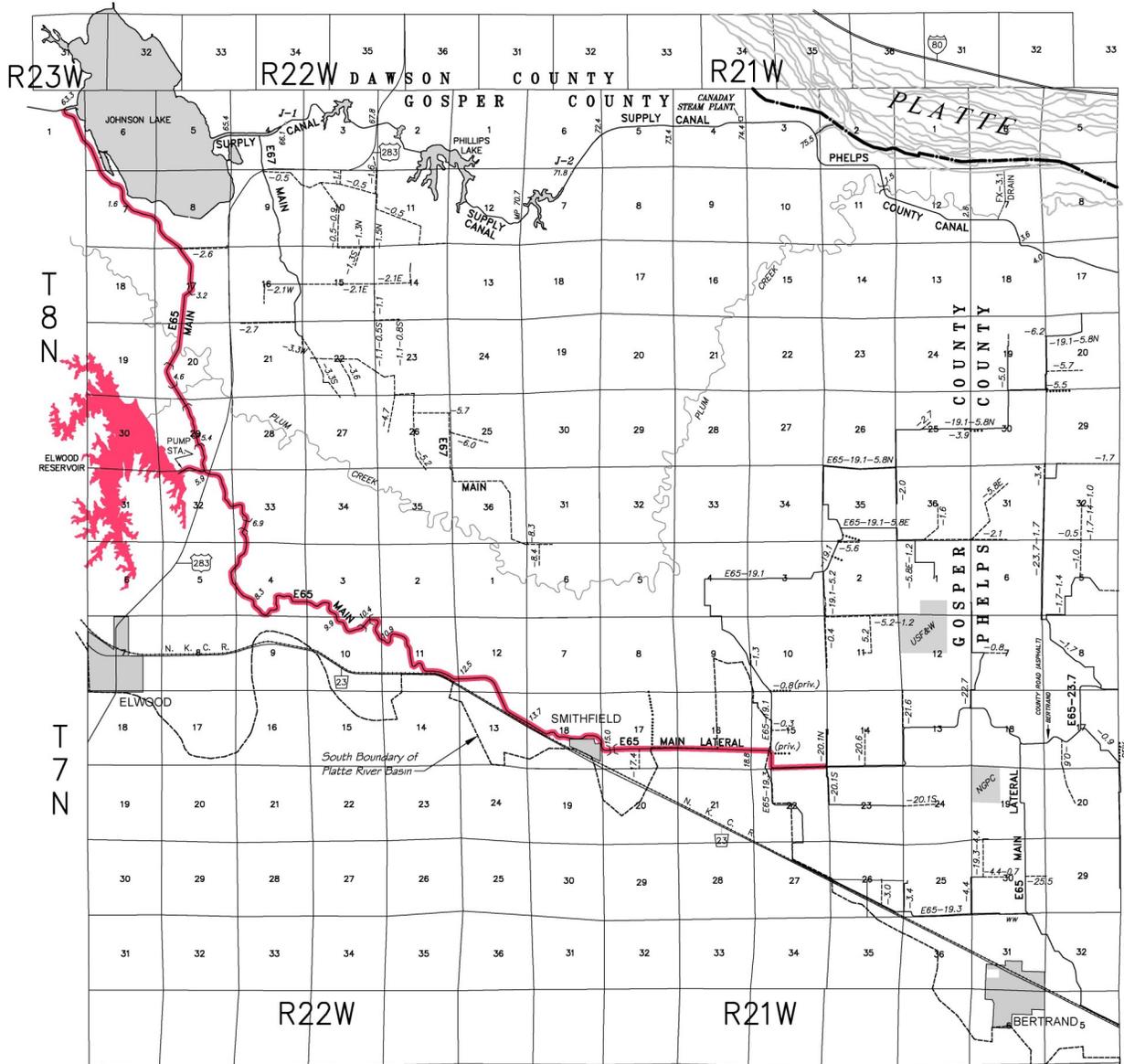
**CNPPID Groundwater Recharge Diversions Summary - 2019 Platte Basin Annual Report
Appendix D**

2019							
Dates of Recharge Diversion	1-1-20 to 2-14-20	1-1-20 to 2-14-20	1-1-20 to 2-23-20	3-19-20 to 4-14-20	3-26-20 to 4-14-20		Total
Elwood Reservoir Diversions							
AF, in							153932.8
\$/af							
\$/other							
Notes							
Elwood Releases							
AF, in							1118.7
\$/af							
\$/other							
Notes							
E65 Canal							
AF, in	465.5	698.30			253.9	380.8	12413
\$/af	46.26	46.26			46.26	46.26	
\$/other							
Notes	E65 Canal recharge down to MP 23.7-0.3-TBNRD under contract #1150, 60/40 split TBNRD/DNR	E65 Canal recharge down to MP 23.7-0.3 - DNR under contract #1150, 60/40 split TBNRD/DNR			E65 Canal recharge down to MP 23.7-0.3-TBNRD under contract #1150, 60/40 split TBNRD/DNR	E65 Canal recharge down to MP 23.7-0.3 - DNR under contract #1150, 60/40 split TBNRD/DNR	
Phelps Canal							
AF, in				910.40			44672.56
\$/af				32.87			
\$/other							
Notes				9-25-19 WSA w/ PRRIP, Diversions down to MP 13.3			
Funk Lagoon							
AF, in							1952.4
\$/af							
Notes							
Funds							
Total \$	\$21,534.03	\$32,303.36	\$30,766.20	\$29,924.85	\$11,745.41	\$17,615.81	\$7,275,028.61
PRRIP				\$29,924.85			\$3,703,930.27
NDNR		\$32,303.36				\$17,615.81	\$1,774,743.16
TBNRD	\$21,534.03		\$30,766.20		\$11,745.41		\$1,646,340.21
NGPC							\$150,014.98

Phelps Canal Recharge Map - 2019 Platte Basin Annual Report Appendix D



Elwood Reservoir & E65 Canal Recharge Map - 2019 Platte Basin Annual Report Appendix D



LEGEND

█ EXCESS FLOWS RECHARGE

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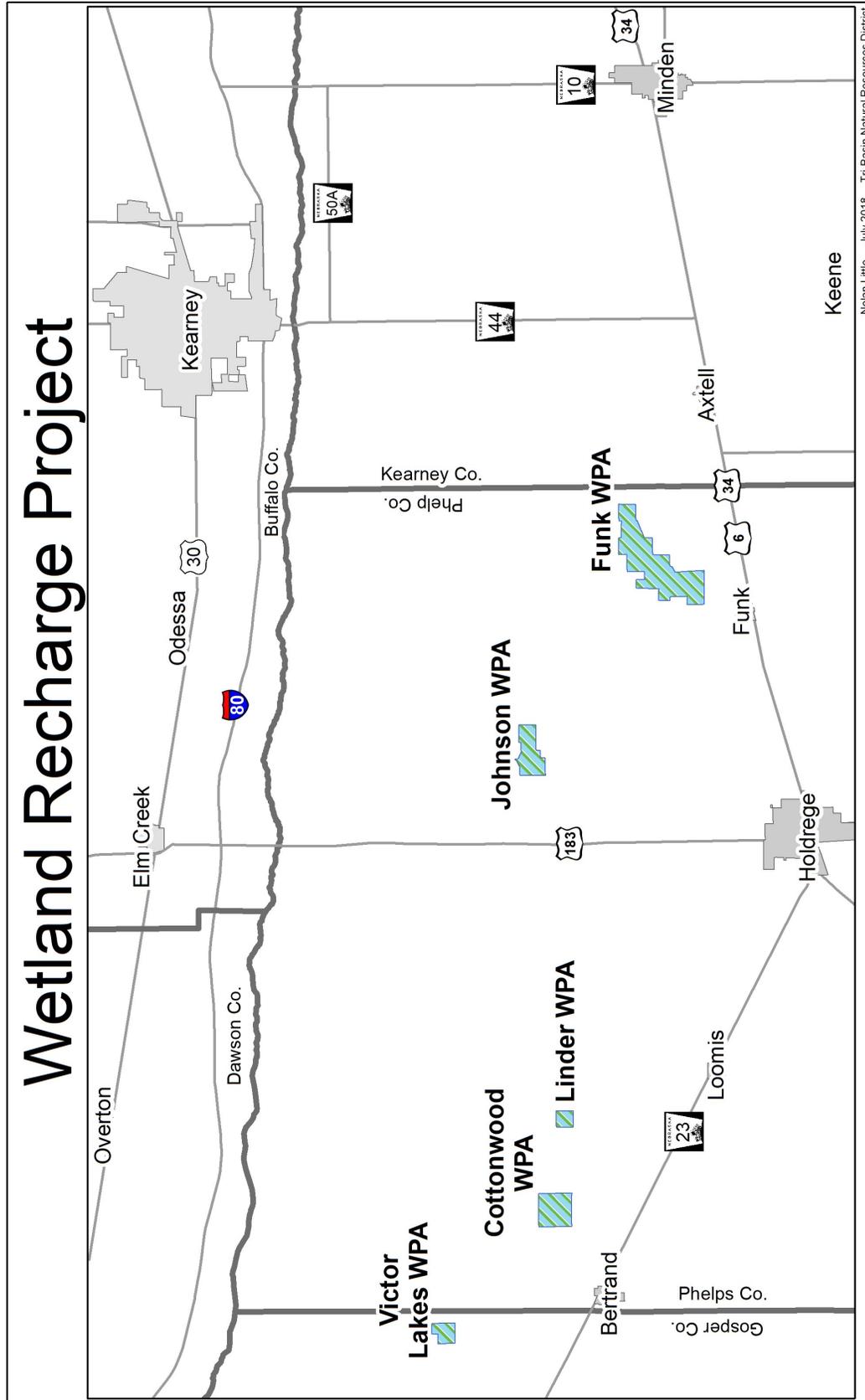


CENTRAL
Nebraska Public Power
and Irrigation District
Holdrege, Nebraska

**PLATTE RIVER EXCESS FLOWS FOR RECHARGE
IN E65 CANAL & ELWOOD RESERVOIR,
GOSPER COUNTY, NEBRASKA**

DRAFTED BY TMR	APPROVED BY _____
SUBMITTED BY DRF	DRAWING NO. RCHG_E65_DEC14
SCALE 1" = 1.4 Mi.	
DATE 12/3/2014	

Wetland Recharge Project Map - 2019 Platte Basin Annual Report
 Appendix E



Nolan Little July 2018 Tri-Basin Natural Resources District

**North Dry Creek Augmentation Pumping - 2019 Platte Basin Annual Report
Appendix F**

Augmentation Production Well #1			
G-159762		Well ID: 210850	
NWNE 27-8N-16W		NAD 83	
Lat: N40 38' 25.91700"		Long: W99 06' 59.91771"	
Surface Elev: 2156.92'		Stickup: 2.25'	
Well Depth=53'	Bore Hole: 30'	8" Column Pipe: 0'-40'	
16" Screen: 53'-23' / 0.085 Slot	River Gravel Pack: 53'-16'	8" Submersible 20 HP Pump: 40'-50'	
16" Plain: 23'-0'	Bentonite Chunks: 16'-0'	8" McCrometer Meter: Totalizer Acre/Inches	
Year	End Meter	Ac/In Annual Total	Annual Total Gallons
2011	18.39	18.39	499,362
2012	4511.65	4493.26	122,009,982
2013	7762.48	3250.86	88,273,852
2014	8206.91	444.43	12,068,052
2015	8631.71	424.80	11,535,019
2016	9275.33	643.62	17,476,857
2017	5874.67	6599.34	179,198,478
2018	6486.80	612.13	16,621,778
2019	6645.88	159.88	4,319,658

Augmentation Production Well #2			
G-173880		Well ID: 234693	
SESE 5-7N-16W		NAD 83	
Lat: N40 35' 52.60"		Long: W99 08' 34.80"	
Surface Elev: 2182.95'		Stickup: .88'	
Well Depth=103'	Bore Hole:	8" Column Pipe: 0'-60'	
16" Screen: 103'-63' / 0.085 Slot	River Gravel Pack: 103'-15'	8" Submersible 25.63 HP Pump: 40'-50'	
16" Plain: 63'-0'	Bentonite Chunks: 15'-0'	8" McCrometer Meter: Totalizer Acre/Inches	
Start Date / Time	End Meter	Ac/In Annual Total	Annual Total Gallons
2014	0.00	0	0
2015	54.84	54.84	1,489,125
2016	247.49	192.65	5,231,218
2017	1465.30	1217.81	33,068,413
2018	2073.30	608.00	16,509,632
2019	2186.39	113.09	3,070,846

Tri-Basin NRD Water Conservation Incentive Program Appendix G

3/12/19

Introduction: The Tri-Basin NRD Water Conservation Incentive Program (WCIP) is intended to address two natural resources management issues: ensuring sustainability of groundwater supplies and protecting streamflows from diminishment due to groundwater pumping. The goal of this voluntary program is to reduce groundwater pumping and increase irrigation water use efficiency in Tri-Basin NRD.

The Program: Tri-Basin will allow landowners to enroll up to 8000 NRD-certified irrigated acres in the program. The enrollment period will be from March 26 through April 19, or until the program acre enrollment limit is reached. Once the enrollment limit is reached, water savings to the district could reach 650 acre-feet per year. Incentives in this program will likely be most attractive to landowners in phase two and phase three groundwater quantity management areas, so the water-use reductions should be greatest where the need is greatest (there are approximately 30,000 certified irrigated acres in Tri-Basin's phase two and phase three townships).

In exchange for their participation, landowners will be paid for the equivalent of one acre-inch of water credit per acre per year, with the opportunity to sell additional credits to the NRD at a set price. In addition to NRD purchases, landowners will have the opportunity to sell water credits on the open market at any agreed-upon price (private transactions require NRD board approval). Tri-Basin will maintain an "electronic bulletin board" to facilitate connections between buyers and sellers. Landowners will also be granted flexibility to irrigate any acres within enrolled parcels and to share (pool) allocations between parcels. Pooling agreements will be required to enable sharing allocations between parcels under different ownership.

The Contract: The NRD and the landowner will sign a five-year agreement. The agreement commits the landowner to limiting water use (allocation) on parcels that they select. The allocation will be equal to the UNL average corn crop consumptive irrigation requirement, which is nine inches per acre per year in Kearney County, ten inches per acre per year in Phelps County and eleven inches per acre per year in Gosper County (allocation will be limited to current allocation of nine inches per acre per year in Union Township in Gosper County). Landowners will be required to have flowmeters installed on all wells serving participating parcels and to report water use annually to the NRD. Tri-Basin NRD will offer cost share on flowmeters for participants. Tri-Basin NRD will spot check flowmeter readings on 20% of participating parcels annually. As a condition of their participation, landowners will agree to subject enrolled parcels to (most of) the same rules that apply to all landowners in Phase three groundwater quantity management areas. An instrument will be filed with the county clerk recording these contracts, to provide notice to potential buyers of water use limitations associated with program participation.

In exchange for their participation, the NRD agrees to buy one acre-inch per acre per year from every acre enrolled in the contract. Landowners will have two payment options: an annual payment of \$5 per acre-inch credit for one acre-inch per year, or payment at the end of the contract period for up to five acre-inches of credits per acre (assuming the landowner has that much unused allocation) at a rate of \$4 per acre-inch. The NRD may also choose to purchase additional credits from participants. NRD purchases of additional acre-inches will be prioritized in Groundwater Quantity Management Phase 2 and Phase 3 areas and 50%+ stream depletion zones. The NRD will have the right of first refusal to purchase unused allocations from landowners, so landowners would need NRD board approval before they make private sales.

Landowners will also have the option to irrigate any and all acres within participating parcels. They can also pool acre-inches between parcels under the same ownership (pooling water credits associated with parcels under different ownership, but the same management will require a separate NRD-approved pooling agreement). Pools are only allowed for multiple parcels in the same basin and with the same groundwater quantity management phase status. Water use will be deducted from landowner water credit "accounts."

If a producer overuses their allocation, they will need to purchase credits from other landowners to eliminate their deficit. Otherwise they will be prohibited from irrigating enrolled parcels until the deficit is eliminated. The only way a landowner can cancel a contract would be to pay the NRD for the full contracted amount (refund any payments that we've already made to them and pay the NRD the amount we would have paid them at the end of the contract period).

Tri-Basin NRD Water Conservation Incentive Program

Appendix G

Terminology

Accounts- An account will track the number of acre-inches of water available for pumping on a parcel. Each parcel will have a separate account, unless landowners form pool accounts.

Allocations- Allocation amounts would be based on estimated safe yields from aquifers that would not result in long-term declines in groundwater levels. An initial allocation will be equal to the University of Nebraska's average annual irrigation water consumption requirement for corn (that amount is nine inches per acre in Kearney County, ten inches per acre in Phelps County and eleven inches per acre in Gosper County).

Credits (Water Use Credits)- Credits are accumulated on a per-NRD-certified irrigated acre per-parcel basis. Allocation credits are granted at the beginning of each allocation period.

Debits- Debits would be made against accounts based on actual pumping or water credits marketed and sold to the NRD or other water users.

Tri-Basin NRD Water Conservation Incentive Program Expansion Appendix H

Introduction: Tri-Basin NRD launched the Water Conservation Incentive Program (WCIP) in March 2019. The program was initially aimed at groundwater irrigators. One of the main benefits that is anticipated is that it will encourage participants to be more efficient irrigators and help sustain groundwater supplies. We initially excluded CNPPID customers from the WCIP because the incentives set up for groundwater irrigators don't encourage conservation on commingled fields. We want to encourage irrigators who have parcels that have both surface water turnouts and groundwater wells (commingled parcels) to use canal water rather than groundwater on those fields to the greatest extent possible. This has the dual benefit of reducing groundwater pumping and increasing groundwater recharge.

A different approach is needed to incentivize surface water use. We need to incentivize commingled water users to use canal water rather than groundwater. CNPPID customers and landowners with individual surface water rights will be offered five year contracts that pay the equivalent of the cost per acre of CNPPID water delivery, with the understanding that payments will be reduced by \$5 per acre inch of groundwater used during the contract period. If, however, CNPPID is unable to deliver the full amount of contracted water to a parcel for any reason, a landowner will be allowed to pump groundwater without penalty to make up the difference between what CNPPID is able to deliver and the full contract amount.

CNPPID charges \$34.61 to deliver nine inches of water to their irrigation customers (2019). Their prices are subject to annual increases. Tri-Basin will pay incentives to landowners based on the current delivery rate at the time of enrollment in WCIP. We won't adjust our payments if CNPPID raises prices.

Tri-Basin NRD irrigated acre certification data indicate that there are 114,016 acres in commingled irrigated fields in the Platte Basin portion of Tri-Basin NRD. This is an exaggeration of truly commingled acres, because it includes all irrigated acres in fields that have both an irrigation well and a CNPPID delivery point or individual surface water right. According to CNPPID, they deliver water by contract to 103,068 acres within Tri-Basin NRD (109,000 acres total). Their estimate of truly commingled acres associated with CNPPID deliveries is 82,508 acres. WCIP incentives will be paid on all CNPPID contracted acres that are also NRD-certified for groundwater irrigation ("commingled acres"). Because NRD funds are limited, we will initially approve contracts for 8000 acres. If applications exceed the number of acres allowed for enrollment, applications will be selected for approval using a ranking system.

The WCIP requires annual reporting of groundwater use. As of 2018, only 15,597 commingled acres (TBNRD definition) have flowmeters in place and are reporting water use to Tri-Basin NRD. Applications from landowners with flowmeters currently in place will be favored in the ranking system.

Parcels in which CNPPID water service contracts are in the process of cancellation will not be eligible for enrollment. Landowners will be allowed to enroll additional acres on existing CNPPID water service contracts. Individual landowners will be limited to enrolling a total of no more than 320 acres in the WCIP. In the case of fields with fewer CNPPID contract acres than NRD-certified irrigated acres, landowners need to agree to have seals installed on valves or risers that would enable use of groundwater on CNPPID contract acres. If the seals are broken, recorded groundwater use will be divided among all NRD-certified irrigated acres.

Terminology:

Accounts- An account will track the number of acre-inches of water available for pumping on a parcel. Each parcel will have a separate account, unless landowners form pool accounts.

Allocations- Allocation amounts would be based on estimated safe yields from aquifers that would not result in long-term declines in groundwater levels. An initial allocation will be equal to the University of Nebraska's average annual irrigation water consumption requirement for corn (that amount is nine inches per acre in Kearney County, ten inches per acre in Phelps County and eleven inches per acre in Gosper County).

Tri-Basin NRD Water Conservation Incentive Program Expansion

Appendix H

Credits (Water Use Credits)- Credits are accumulated on a per-NRD-certified irrigated acre per-parcel basis. Allocation credits are granted at the beginning of each allocation period.

Debits- Debits would be made against accounts based on actual pumping or water credits marketed and sold to the NRD or other water users.