
2020 Annual Report of Integrated Water Management Activities in the Platte Basin Within Tri-Basin NRD



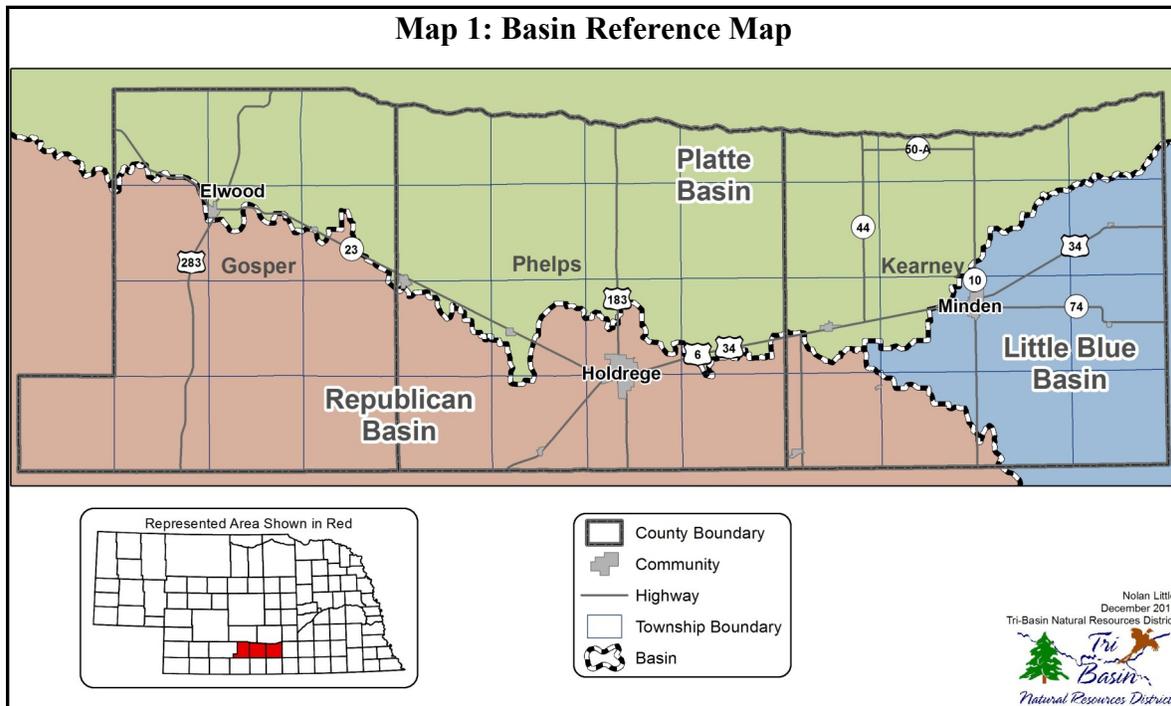
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June 2021

**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 2020 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 over-appropriated 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, 2020, of 298,804.07 certified

acres in the Platte Basin within TBNRD. Data regarding certified irrigated acres can be found in **TABLE 1** 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	Certified Acres	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
	2020	298,804.07	114,328.20

TABLE 2A: Platte Basin Transfers-Acres at Original Locations		
NRD Permit Number	Legal Description	Acres Dried Up
TBAT-0353	Section 1-6-20	15
TBAT-0354	Section 1-6-20	10
TBAT-0355	Section 21-7- 17	4
TBAT-0356	Section 11-6- 17	3
TBAT-0351	Section 1-6- 20	33

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 over-appropriated 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 and December 31, 2020, the district approved five certified irrigated acre transfers in the Platte Basin. A total of 65 certified irrigated acres were involved in these transfers. Data regarding the location and number of acres associated with each transfers original location can be found above in **TABLE 2A** and the new locations are listed below in **TABLE 2B**.

TABLE 2B: Platte Basin Transfers- Acres at New Locations		
NRD Permit Number	Legal Description	New Irrigated
TBAT-0353	Section 18-6-18	15
TBAT-0354	Section 24-7- 16	10
TBAT-0355	Section 24-7- 16	4
TBAT-0356	Section 24-7- 16	3
TBAT-0351	Section 8-6- 16	33

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. One permanent groundwater transfer permit was issued in the Platte Basin between January 1 and December 31, 2020. 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. One Temporary Groundwater Transfer Permit was issued by TBNRD in 2020. Data regarding groundwater transfers can be found in **Table 3** below.

TABLE 3: Groundwater Transfers					
NRD Permit Number	Legal Description	Acres	Well Reg #	Well ID #	Transfer Type
GWT-0346	Section 31-7- 17	75	G-137381	170158	Temporary Groundwater Transfer [1 year]
GWT-0347	Section 6-8- 21	99	A-007219	263005	Permanent

V. WELL CONSTRUCTION PERMITS

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

TBNRD requires landowners to agree to several conditions on the operation of new wells and conditional replacement wells before permits are issued. These conditions are listed in an agreement that is signed by landowners when they apply for these types of well permits. A copy of that agreement is attached to this report as **Appendix A** (page 13).

TABLE 4: TBNRD Well Permits	
Well Permit Type	Permits
New (variance) irrigation	0
Replacement irrigation	9
Conditional replacement irrigation - supplemental to groundwater	2
Conditional replacement irrigation - supplemental to surface water	0
Dewatering (streamflow augmentation)	0
New commercial/industrial	0
Domestic (over 50 gpm)	0

B. **TABLE 4: TBNRD Well Permits** (above) is a breakdown of well permits that TBNRD issued in the Platte Basin between January 1, 2020 and December 31, 2020. A detailed listing of well permits issued by TBNRD in 2020 is found in **TABLE 5** (below).

TABLE 5: Well Permit Summary				
Permit Number	Well Permit Type	Legal Description	NDNR Reg. Number	Well ID Number
TBSG-1528	SG-Supplemental to Groundwater	Section 26-8-15	G-189345	259680
TBSS-1529	SG-Supplemental to Groundwater	Section 13-6-20	G-189407	247403
TBRP-G010206-R1	Replacement	Section 14-8-18	G-010206	261680
TBRP-G013426-R1	Replacement	Section 23-8-20	G-013426	262029
TBRP-G000559-R1	Replacement	Section 36-7-21	G-000559	262531
TBRP-A007219-R1	Replacement	Section 6-8-21	A-007219	263005
TBRP-G055251-R1	Replacement	Section 35-8-18	Not available	
TBRP-G031362-R1	Replacement	Section 20-8-16	G-014160	263161
TBRP-G014160-R1	Replacement	Section 15-7-19	Not available	263175
TBRP-G004157-R2	Replacement	Section 27-8-15	G-004157	263166
TBRP-G047106-R1	Replacement	Section 17-7-19	Not available	

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, 2020 and December 31, 2020.

TBNRD allows for corrections to the district's certified irrigated acre database by providing proof showing 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. TBNRD 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. No new well variances were issued in the Platte Basin in 2020.

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 2020 is shown in the next two tables. A summary of Municipal Water Use may be found in **TABLE 6** (pages 9 and 10) and Industrial and Commercial Water Use in **TABLE 7** (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 2020, landowners reported data from 500 flowmeters in the Platte Basin. Fifty of those 500 wells were reported as not used in 2020. Of the wells that were used, farmers reported that they pumped 50,268 acre-feet of groundwater on 54,419 certified irrigated acres. That results in average application of eleven acre-inches of groundwater per acre.

Due to the installation of additional reporting flowmeters and depending on use of supplemental irrigation wells by CNPPID customers, flowmeter data and reported irrigated acres change from year to year. All District flowmeter data is reported annually to the Department of Natural Resources (DNR) for purposes of Republican River Basin Compact Administration accounting. Platte Basin flowmeter data is included in **Appendix B**.

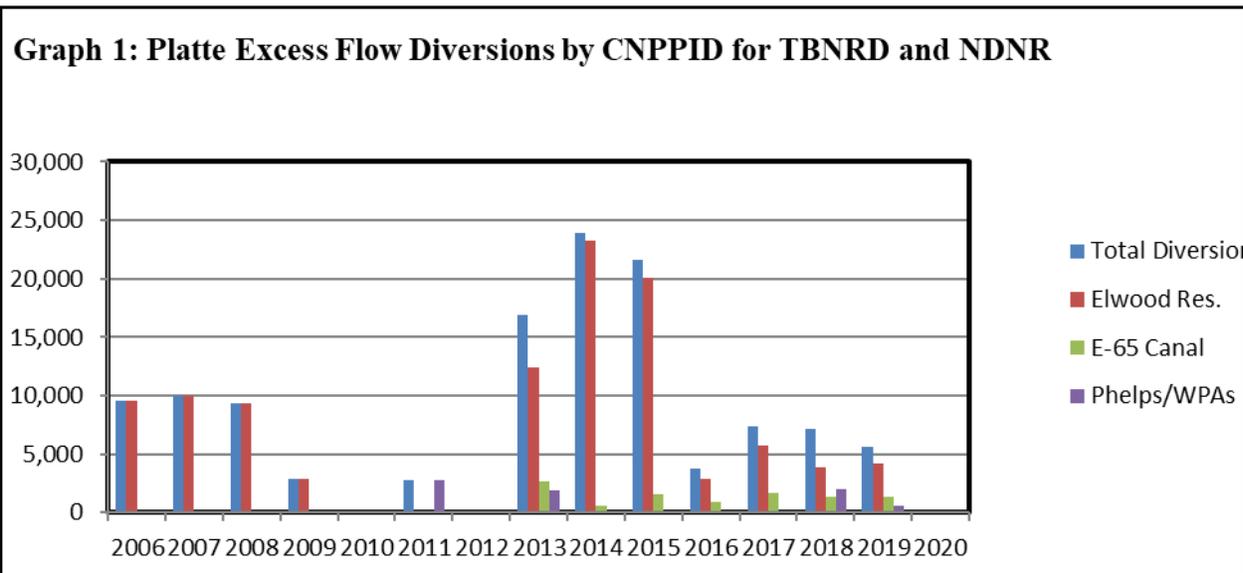
IX. WATER BANKING ACTIVITIES

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. Tri-Basin did not receive any applications for groundwater WCIP contracts in the Platte Basin in 2020.

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. Of those offered contracts, 15 contracts were accepted with a total of 2,530.22 acres enrolled in 2020.

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**, page 47 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. The only excess flow diversions during 2020 were to Victor Lakes WPA (see below).

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**, page 68) 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). No additional opportunities for excess flow occurred during 2020 (See **Appendix E**).

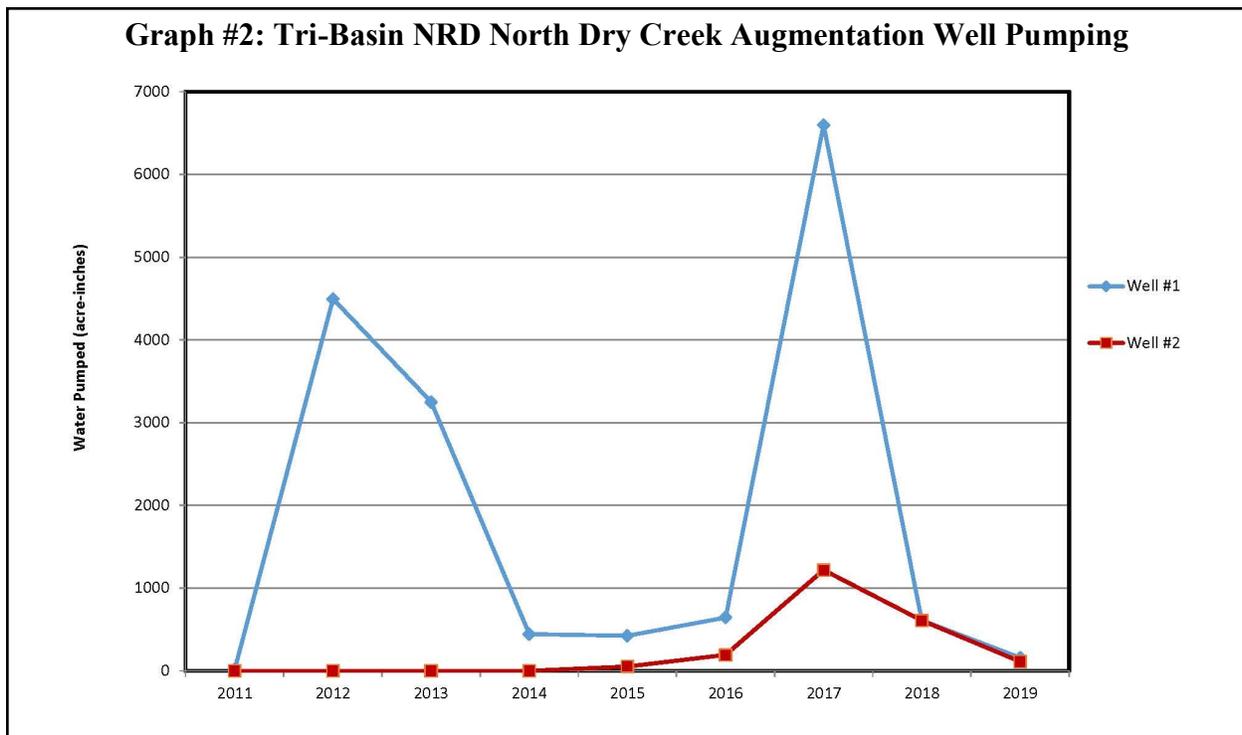
The Platte River Recovery Implementation Program (PRRIP) paid CNPPID to divert 19,173 acre-feet of water into the Phelps County Canal in 2012. Since then, PRRIP has made additional diversions on several occasions when the Platte is flowing above target levels (see **Appendix D**, page 47). While recharge resulting from these diversions cannot be used as a credit to offset depletions to Platte baseflows from post-1997 uses, Tri-Basin NRD anticipates that they will be credited 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**, below). Augmentation well pumping and resulting estimated offset credit is described in **Appendix F** on page 69. 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 290 acre-feet of water pumped into the Platte River near Kearney in 2020 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 2020 through three contracts totaling 16.4 irrigated acres that were signed up for USDA-EQIP Dryland 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 91,782.54 certified irrigated acres in the Platte Basin portion of the district during 2020 (see **Appendix C**, page 30). It is estimated that no-till or minimum tillage practices have been adopted on at least 116,564 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 29,141 acre-feet of water was conserved in the Platte Basin in TBNRD in 2020 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.

Tri-Basin NRD signed an agreement with PRRIP to construct and operate a series of seven stream-flow augmentation wells in the vicinity of PRRIP’s Cottonwood Ranch Groundwater Recharge and Re-timing Project. Well and pipeline construction is anticipated in September 2021, or as soon as a permit for pipeline construction is received from the US Army Corps of Engineers.

XI. GROUNDWATER LEVELS

TBNRD has an extensive network of 137 dedicated groundwater observation wells (74 in the Platte Basin) and 91 irrigation wells (ten 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	January	Feb.	March	April	May	June	July	August	Sept.	October	Nov.	Dec.	Yearly Total
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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
2018	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
2019	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
2020	2,259,900	2,092,600	2,132,000	4,100,500	7,021,600	11,247,200	16,882,800	16,333,800	11,553,300	7,813,600	2,669,700	2,185,500	86,291,500
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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
2018	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
2019	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
2020	4,637,000	4,169,000	4,148,000	6,121,100	9,069,400	15,119,000	19,730,300	20,081,700	16,261,800	11,846,800	5,379,000	5,259,000	121,822,100
2010	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
2011	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
2012	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
2013	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
2014	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
2015	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
2016	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
2017	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
2018	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
2019	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
2020	5,705,000	3,048,000	5,440,000	6,627,900	9,726,000	14,016,100	16,005,900	12,192,100	15,980,600	8,310,700	4,039,000	5,431,900	106,523,200

(continued on next page)

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

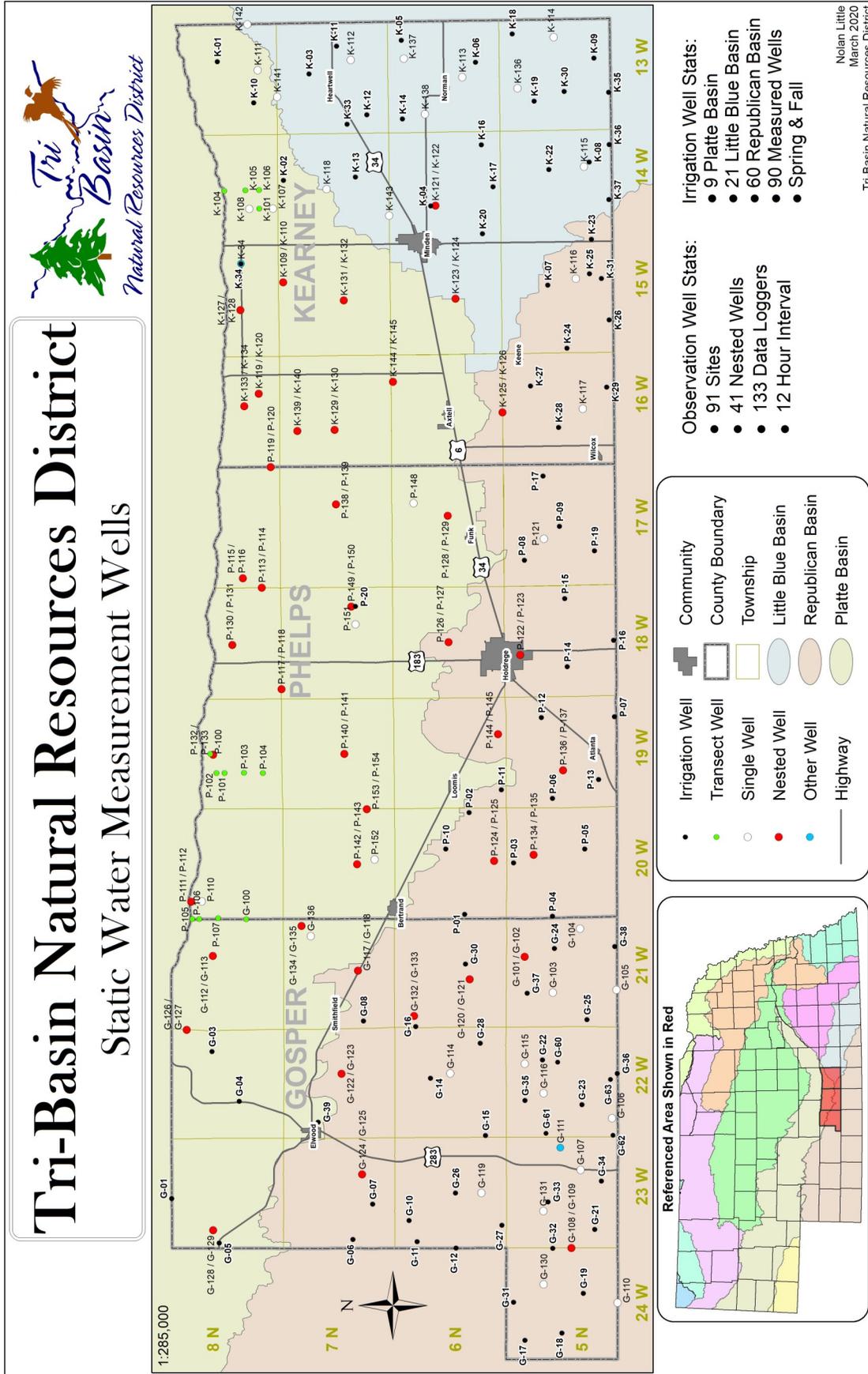
	2010	1,707,668	1,707,667	1,707,667	1,707,667	1,707,667	1,707,667	1,707,667	2,482,000	2,455,000	2,035,000	2,061,000	1,578,000	1,321,000	22,178,001
	2011	1,530,000	1,241,000	1,410,000	1,510,000	2,081,000	2,666,000	2,833,000	2,833,000	2,656,000	2,614,000	1,732,000	1,500,000	1,630,000	23,403,000
	2012	1,889,000	1,549,000	1,106,000	1,053,000	2,432,000	4,285,000	3,508,000	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	4,608,000	3,154,000	2,247,000	1,123,000	780,000	748,000	21,743,000
F	2014	758,000	694,000	725,000	796,000	2,346,000	1,669,000	3,132,000	3,132,000	2,394,000	1,443,000	1,045,000	809,000	760,000	16,571,000
u	2015	737,000	726,000	1,004,000	1,279,000	1,347,000	1,580,000	3,150,000	3,150,000	1,443,000	3,291,000	1,535,000	717,000	1,047,000	17,856,000
n	2016	1,239,000	1,121,000	1,368,000	1,195,000	908,000	3,739,000	3,584,000	3,584,000	3,240,000	1,375,000	1,176,000	615,000	539,000	20,099,000
k	2017	581,000	503,000	592,000	608,000	795,000	1,998,000	3,786,700	3,786,700	1,670,300	2,294,000	1,080,000	912,100	1,296,000	16,116,100
	2018	1,820,000	1,624,000	1,960,000	1,803,000	1,703,000	5,737,000	7,370,700	7,370,700	4,910,300	3,669,000	2,256,000	1,527,100	1,835,000	36,215,100
	2019	1,662,200	1,766,800	1,403,600	1,215,300	1,290,200	1,585,400	2,746,600	2,746,600	2,708,800	2,410,800	1,251,500	1,260,400	1,288,200	20,589,800
	2020	1,332,100	1,376,000	1,492,100	1,724,200	2,501,800	4,063,500	4,870,200	4,870,200	4,164,800	3,953,000	3,314,600	1,727,600	1,177,000	31,696,900
	2010	1,589,000	3,217,000	3,815,000	1,887,000	2,604,000	2,384,000	5,508,000	5,508,000	6,722,000	5,741,000	5,521,000	1,928,000	1,607,000	42,523,000
	2011	1,287,000	2,080,000	1,254,000	1,953,000	3,231,000	4,369,000	5,352,000	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	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	11,508,000	7,579,000	7,236,000	2,221,000	1,393,000	1,298,000	48,206,000
L	2014	1,223,000	1,150,000	1,341,000	1,952,000	5,636,000	4,465,000	8,702,000	8,702,000	5,563,000	2,847,000	2,970,000	1,437,000	1,289,000	38,575,000
o	2015	1,163,000	1,177,000	2,116,000	4,199,000	2,763,000	5,302,000	8,388,000	8,388,000	6,377,000	6,215,000	3,215,000	1,382,000	1,113,000	43,410,000
i	2016	1,066,000	1,119,000	1,362,000	2,828,000	1,952,000	7,843,000	6,982,000	6,982,000	7,775,000	5,093,000	4,769,000	1,995,000	1,254,000	44,038,000
s	2017	1,522,000	823,000	1,835,000	3,033,000	3,124,000	9,538,000	9,616,000	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	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	5,587,000	5,196,000	5,656,000	2,152,000	1,181,000	1,165,000	28,094,820
	2020	1,143,000	1,058,000	1,170,000	2,031,000	3,304,000	7,559,000	6,338,000	6,338,000	11,240,000	7,536,000	4,471,000	1,690,000	1,585,000	49,125,000
	2010	69,700	192,000	231,200	107,500	135,900	335,000	407,700	407,700	734,700	465,900	237,200	184,300	238,700	3,339,800
	2011	232,300	332,000	553,600	555,200	420,600	270,100	440,600	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	959,700	650,100	620,700	332,900	290,900	112,800	5,376,600
S	2013	167,700	158,400	106,400	269,100	373,800	690,600	555,300	555,300	601,500	350,200	211,600	181,400	195,000	3,861,000
m	2014														3,808,100
i	2015														3,447,200
t	2016	178,100	79,200	93,100	182,300	210,600	189,900	1,028,800	1,028,800	1,173,700	386,200	290,500	164,400	180,700	4,151,500
h	2017	121,600	151,200	127,700	128,900	236,000	489,300	725,400	725,400	267,900	375,100	168,400	162,000	99,600	3,053,100
f	2018	160,800	82,400	113,300	199,800	254,200	393,900	436,600	436,600	271,700	248,000	207,100	131,600	202,300	2,701,700
i	2019	99,900	201,800	156,500	152,000	254,900	259,300	230,900	230,900	412,700	183,700	164,400	143,300	109,700	2,369,100
e	2020	145,300	164,000	173,400	179,600	261,800	570,500	483,300	483,300	488,700	775,100	682,200	258,200	288,800	4,470,900

- 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	4,492,000
G-123753-R1	194279	KAAPA Ethanol, LLC	Section 13-6-16	140,079,600
G-123754-R2	210900	KAPPA Ethonal, LLC	Section 13-6-16	469,000
G-124061	152898	KAAPA Ethanol, LLC	Section 13-6-16	2,877,000
G-134413-R1	194280	KAAPA Ethanol, LLC	Section 13-6-16	58,663,500
G-181488	243777	KAAPA Ethanol LLC	Section 13-6-16	117,344,000
G-071961	80123	Mosaic	Section 15-6-16	3,600
G-071962	80124	Mosaic	Section 15-6-16	2,000
G-073875	82215	Village of Bertrand	Section 6-6-20	23,727,700
G-165728	219082	Fort Kearny Consolidated	Section 5-7- 14	16,152,300
G-165729	219083	Fort Kearny Consolidated	Section 5-7- 14	32,648,000
G-139944	171644	Fort Kearny Consolidated	Section 6-7-14	0
G-116982	141058	KGLD, LLC	Section 11-7-16	54,612,000
G-177447	238330	Loomis Pork LLC	Section 19-7-19	5,740,100
G-147025	188561	Paul Johnson & Sons	Section 10-7-20	7,049,880
G-095842	112013	Aurora Co-Op	Section 19-7-20	950,000
G-093253	106683	Dan & Steve Wolfe	Section 28-8-16	5,000
G-093254	106684	Dan & Steve Wolfe	Section 28-8-16	5,000
G-087812	99723	Rusty's Fertilizer Inc	Section 21-8-18	715,200
G-073205	81395	Rockford G Plettner	Section 4-8-21	131,775,000
G-080853	89509	Nebraska Public Power District	Section 4-8-21	0
G-156977	199850	Central Nebraska Public Power & Irrigation District	Section 7-8-21	363,911,241
G-092923	102854	Central Nebraska Public Power & Irrigation District	Section 4-8-22	71,447,061
G-122576	151178	Bullhead Point Association	Section 5-8-22	9,150,500
G-076515	85080	Lakeside Country Club	Section 8-8-22	15,300,000
G-076780-R1	124121	Lakeside Country Club	Section 8-8-22	15,300,000
				1,072,419,682

Map 2: Dedicated Groundwater Observation Wells



Appendix A: Tri-Basin NRD – Platte Basin

Tri-Basin Natural Resources District New Well and Conditional Replacement Well Permit Applicant Certification and Agreement (Form for NON- CNPPID customers)

This Applicant Certification and Agreement imposes mandatory Conditions and Limitations on the 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:

_____ ¼ Section _____ T _____ N - R _____ W _____

Applicant accepts and agrees to 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 as follows (Note: Carefully read each condition checked by the NRD and then place your initials on the line next to the checked box):

1. _____ Applicant agrees to offset any “new depletions” to streamflows of the Platte River, Little Blue River, Republican River, or their tributaries that the NRD determines 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 will 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 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 will 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 will result in closure of this well and civil or criminal prosecution and other penalties.
4. _____ 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 will result in closure of this well and prosecution by the State of Nebraska.

Appendix A: Tri-Basin NRD – Platte Basin

I certify that I am familiar with the information contained in this certification and agreement 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, and that all conditions, limitations and restrictions shall be binding upon any successors in interest to the well and real property.

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

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
A-005254	805	152.00	50,333,700	
A-005527	1006	138.55	40,278,900	
A-005544-R1	113944	135.00	34,653,000	
A-005573-R1	203922	81.00	8,412,500	
A-005616	1053	129.70	45,903,294	
A-005851-R2	234961	156.43	35,854,200	
A-005964B-R1	182843	116.00	32,012,665	
A-005987	1325	73.90	27,231,000	
A-006470	1647	130.00	44,221,918	
A-006862	1917	148.00	48,680,600	
A-007012-R1	2028	0.00	0	Well Not Used in 2020
A-007398-R1	219835	139.50	40,887,950	Had staff get actual meter serial number
A-008164-R1	174548	100.00	87,744,621	Series Well w/ G-073863 - 2 Wells, each own meter
G-000273-R1	98237	127.00	44,239,568	
G-000317-R2	219289	132.00	36,040,400	
G-000533	3831	126.00	28,290,395	
G-000559-R1	262531	0.00	0	
G-000597-R1	207683	135.00	54,994,453	
G-000671-R1	3992	300.00	99,666,800	
G-001136-R1	238751	0.00	0	Well Not Used in 2020
G-001152	4544	0.00	0	Well Not Used in 2020, Supplemental Well.
G-001169	4563	149.00	43,584,200	
G-001228-R1	92085	73.00	53,766,200	
G-001374-R1	222615	135.00	45,909,900	
G-001498	4954	245.15	77,855,615	Estimate on Meter 94-10-1480
G-001705	5190	140.00	46,379,847	53 ac wheat
G-002216-R1	166014	128.00	36,365,900	
G-002383-R1	128836	132.00	30,407,400	
G-002482	6081	130.00	6,758,359	
G-004871	8801	80.00	19,896,822	
G-004955-R1	8893	148.00	53,582,600	
G-005097-R1	114236	151.30	51,936,200	
G-005392	9390	0.00	0	Supplemental Well not Used in 2020
G-006383	10549	138.00	29,853,922	
G-007340-R1	162706	130.00	46,682,100	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-007342-R1	162707	119.00	45,376,800	
G-007488-R1	11845	0.00	0	Supplemental Well Not Used in 2020
G-007764	12171	0.00	0	Well Not Used in 2020
G-008178	12651	130.00	38,143,495	
G-009462	14164	70.40	7,676,000	Supplemental Well
G-009596	14319	147.00	47,505,000	
G-010388-R1	213868	65.00	12,584,521	
G-011357-R1	16352	115.00	60,400,543	
G-011745-R1	16802	132.00	59,766,500	
G-012318	17473	137.00	40,390,000	
G-012651-R1	191520	67.00	25,025,126	
G-013097-R1	121819	132.00	33,698,900	
G-013149-R1	223630	75.00	33,439,879	
G-013423-R1	209336	260.00	66,029,839	
G-013974	19370	135.60	58,253,205	
G-014026	19432	0.00	0	Supplemental Well Not Used in 2020
G-014735-R1	20244	78.00	10,521,360	
G-016206	21928	142.00	28,574,000	alfalfa
G-016446-R1	22203	130.00	28,673,266	
G-016616-R1	169839	0.00	0	Supplemental Well Not Used in 2020
G-016633	22408	75.00	42,527,300	
G-016869	22679	0.00	0	Well Not Used in 2020
G-017090-R1	172826	131.60	40,325,591	
G-020681	26927	133.60	34,192,045	
G-020831	27090	120.00	39,201,687	
G-021172	27458	98.00	48,035,400	
G-021193	27482	124.00	16,917,485	
G-021609-R1	258322	151.00	50,704,393	
G-021735-R1	28060	152.00	55,493,272	
G-022286	28646	30.00	7,948,247	
G-022950	29350	130.00	37,308,500	
G-022962-R1	227608	120.00	45,357,100	corn silage
G-023149	29563	26.00	12,333,618	
G-023266	29683	149.00	36,930,600	
G-023268-R1	241542	62.00	20,329,928	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-023479	29912	125.00	47,101,700	
G-023572	30014	0.00	0	Supplemental Well Not Used in 2020
G-023615	30058	155.00	53,798,400	
G-024078-R1	98512	129.56	55,962,400	
G-024220	30697	130.00	4,658,600	
G-024327	30807	152.00	59,581,000	
G-024606-R1	228630	105.00	30,723,000	
G-024787-R1	97572	150.00	51,059,024	
G-024986	31500	120.00	2,131,046	Supplemental Well
G-025069	31589	0.00	0	Estimate from producer
G-025152	31677	125.00	43,256,322	
G-025207	31736	147.00	87,415,300	127 ac cover crop
G-025703-R1	242435	151.50	2,971,000	Supplemental Well
G-025803	32369	140.00	41,231,700	
G-026446	33051	170.00	37,741,616	an additional 5 irrigated acres Surface Only
G-027184	33850	140.00	48,492,000	
G-027484-R1	225652	135.00	5,086,216	Supplemental Well
G-028077	34788	146.00	59,009,000	
G-028109-R1	34822	109.00	36,387,989	
G-028636	35400	132.00	34,032,800	
G-028660-R2	160179	135.00	2,659,700	Made one circle w/pivot in spring
G-028765-R1	35540	142.00	48,155,000	
G-028884	35667	140.00	49,107,300	
G-029347	36156	105.00	23,624,000	
G-029951-R1	217569	38.00	24,861,388	
G-030265	37128	50.00	12,260,303	
G-030496	37375	130.00	35,646,685	
G-030668-R1	164677	135.00	6,109,300	
G-030676	37576	130.00	39,809,665	
G-030705	37605	148.00	44,958,700	
G-030936-R1	176011	120.00	43,010,000	
G-031102	38030	161.00	47,230,000	152.24 ac certified - 161 ac reported - where is being watered?
G-031153	38092	155.00	1,380	
G-031354	38311	139.00	42,681,000	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-031657	38620	62.00	21,497,900	
G-031862-R1	170685	147.50	45,561,200	
G-031885-R1	168468	149.90	51,150,700	
G-032220	39203	145.00	50,326,952	
G-032462-R1	166009	124.00	42,427,200	
G-032999-R2	189200	65.00	24,864,918	
G-033196-R1	158873	132.00	39,095,243	
G-033788	40819	147.20	11,762,500	Supplemental Well
G-033845	40877	132.00	40,140,600	
G-034024	41062	85.00	11,317,000	
G-034034-R1	93086	65.00	6,602,500	
G-034439	41489	130.00	52,720,577	
G-034522	41576	0.00	0	Supplemental Well Not Used in 2020
G-034601	41656	70.00	18,789,200	
G-034607-R1	95424	191.00	47,729,944	ALFALFA/meter rolled over
G-034763	41826	7.00	3,747,252	
G-034808	41871	0.00	0	Well Not Used in 2020
G-035001-R1	246956	151.00	56,824,633	
G-035027	42096	116.70	42,223,400	
G-035028	42097	154.80	34,249,200	
G-035046-R1	149129	94.08	31,210,600	
G-035210-R1	42287	132.00	32,686,084	
G-035230-R1	209844	100.50	39,394,209	
G-035840-R1	221855	0.00	0	Well Not Used in 2020
G-036171-R1	217862	148.00	46,318,750	
G-036219-R1	213455	75.00	34,489,925	
G-036447-R1	203726	135.00	38,576,000	
G-036500	43633	149.00	51,739,232	
G-036585	43719	44.90	14,459,233	
G-036677	43812	130.00	75,723,545	
G-037041	44181	50.00	1,353,400	Supplemental Well
G-037482	44633	152.00	46,123,513	
G-037931-R1	227572	140.00	29,313,900	
G-038167-R2	209014	134.00	47,705,600	
G-038172	45343	130.00	75,736,851	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-039054	46251	119.00	28,741,694	alfalfa
G-039106	46304	128.00	43,290,700	
G-039190	46392	156.00	40,914,833	
G-039297	46502	0.00	0	Well Not Used in 2020
G-039572	46786	77.90	59,372,764	
G-039663-R1	199851	95.00	34,963,400	
G-040054	47284	135.00	79,181,064	
G-040084	47314	135.00	78,936,678	
G-040337	47575	145.00	33,929,900	
G-040839	48087	118.00	21,658,845	118 ac alfalfa
G-041057	48311	96.00	81,908,683	
G-041183	48439	142.00	62,531,100	
G-041329-R1	219361	125.00	8,267,307	
G-041350	48611	127.00	23,714,946	
G-041369-R1	188563	66.00	15,190,000	
G-041826	49107	157.80	33,506,700	
G-041978-R1	222393	230.00	14,181,448	
G-041996-R1	228128	17.00	7,147,204	
G-042019	49302	145.00	40,073,330	
G-042824	50125	160.00	41,519,700	
G-042919	50227	135.00	72,989,952	
G-042992-R1	198737	135.00	28,386,800	
G-043207	50523	200.00	104,760,132	
G-043208	50524	90.00	37,608,290	
G-043275-R1	50593	137.00	41,151,072	
G-043276-R1	169041	148.00	22,606,520	
G-043366-R1	127238	83.00	24,819,600	
G-043639	50973	151.00	65,511,469	
G-043947	51286	136.00	24,705,900	
G-044047	51391	145.00	36,739,905	
G-044222	51568	165.00	90,830,800	
G-044419	51766	135.00	57,946,636	Seed Corn
G-044570	51919	0.00	0	No Meter -Estimate Required-Waters into Rep basin
G-044608	51959	132.00	55,130,400	
G-044680	52031	141.00	38,478,033	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-044918	52271	156.40	44,729,427	
G-045284	52644	135.00	49,138,100	25.93 ac Alfalfa (13-0864-8 did not use in 2020)
G-045549-R1	118572	135.90	41,919,500	
G-046380	53760	135.00	43,181,377	
G-046434	53847	150.00	41,517,100	
G-048424	55885	111.00	30,012,100	
G-049528	57016	133.00	41,138,500	
G-049567-R1	221186	146.00	44,992,006	
G-050030	57531	146.00	47,672,000	
G-050366	57873	135.00	79,995,684	
G-050941	58466	17.00	8,693,082	
G-053420	60983	160.00	57,923,284	
G-053462	61025	135.00	71,197,788	
G-053870	61445	150.00	48,457,900	
G-054523	62111	150.00	33,894,000	
G-055251	62856	135.47	49,783,600	
G-055382-R1	172201	157.00	47,177,000	
G-055521	63130	137.00	122,324,425	
G-056004	63618	102.50	26,466,400	
G-056606-R1	64243	133.00	41,849,100	
G-057082	64744	154.00	46,202,100	
G-057427-R1	222051	187.00	60,383,000	
G-058508	66218	136.00	49,271,476	
G-059592	67347	149.00	36,910,400	
G-059676	67433	57.30	25,690,671	
G-060270-R1	254482	62.00	28,139,962	
G-060797-R1	212228	130.00	48,047,102	
G-061063-R1	213557	240.00	85,597,826	
G-061501-R1	221352	152.00	42,929,800	
G-061654	69490	151.50	41,849,700	
G-061946	69783	128.00	33,863,100	
G-063158	71057	153.48	30,621,800	
G-063177	71076	138.68	38,574,158	
G-063232	71133	150.00	49,579,300	
G-063877	71796	91.00	25,501,600	

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DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-063968	71890	130.00	75,770,793	
G-064069	71993	65.25	27,120,900	
G-064756	72722	77.21	42,491,500	
G-064840	72808	145.00	45,083,900	
G-065598	73589	130.00	70,186,302	
G-066150	74154	135.00	34,457,300	
G-066270	74279	134.00	36,386,360	Estimate
G-066404	74421	130.00	41,630,884	
G-066511	74530	149.20	42,700,300	
G-067478	75541	65.00	23,250,613	
G-067820	75893	135.00	31,045,900	
G-067926	76002	103.00	40,988,300	
G-067939-R1	176352	149.00	57,252,580	
G-067960	76038	132.00	92,891,800	
G-068188	76269	131.00	46,399,300	
G-068235	76316	127.00	48,250,486	
G-068317	76399	130.00	47,589,286	
G-068903	77028	134.80	28,627,800	
G-068938	77063	135.00	44,885,562	
G-069457	77609	170.00	18,237,880	40 acres grass
G-069536	77689	130.00	77,039,600	
G-069613	77769	275.00	11,263,751	Supplemental Well
G-070660-R1	216319	135.00	69,405,624	
G-070731	78892	158.20	44,394,000	
G-070802	78963	145.00	40,107,000	
G-070946	79107	0.00	0	Well Not Used in 2020
G-071177-R1	225427	133.00	43,947,663	Also used 8.9" SW.
G-071178-R1	162859	146.80	33,316,000	
G-071179	79340	120.00	33,808,000	
G-071541	79703	146.00	38,104,394	
G-072455-R1	206053	132.00	41,041,642	
G-072667	80855	140.00	52,172,066	
G-072681	80869	0.00	0	Well Not Used in 2020
G-073172	81360	72.00	23,497,985	
G-073798	82134	124.00	48,051,718	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-073863	82203	150.00	50,755,700	Series Well w/ A-008164-R1 - 2 Wells each have meter
G-074144	82484	134.00	47,952,606	
G-074176	82517	130.00	34,211,596	
G-074256	82601	73.00	25,634,000	
G-074282	82627	140.00	43,014,000	
G-074365	82710	0.00	0	Estimate No Meter, but runs into Republican
G-074392	82739	76.07	28,867,200	
G-074662	83011	105.00	65,473,200	
G-087416	99269	140.00	38,384,894	
G-087842	99647	133.00	28,882,900	
G-091120	102868	142.00	55,789,000	
G-091407	102859	133.00	64,345,500	includes water to new (in 2019) mini pivot
G-094083	107849	130.00	22,676,000	
G-096150	109726	130.00	25,222,808	
G-096555	109842	130.00	27,862,000	
G-096676	112194	130.00	36,390,433	
G-097100	110814	0.00	0	Supplemental Well Not Used in 2020
G-097707-R1	236661	143.30	44,805,458	
G-100388	114419	145.00	39,751,800	
G-109999	128947	225.00	22,506,864	
G-110172	129232	150.00	33,158,700	
G-116457	140343	130.00	36,601,963	
G-116906	141679	0.00	0	Figured from hours given by Producer
G-118169	142719	160.80	76,875,418	
G-119660	146805	88.00	28,255,095	
G-121077	147633	152.80	38,221,500	
G-121219	146009	145.00	30,005,300	
G-121766	146008	150.00	49,047,184	
G-121894	148344	181.97	46,205,346	
G-122529	147634	78.00	25,346,900	
G-123303	149183	64.00	10,953,000	
G-124617	152724	128.00	33,770,566	
G-125286	152448	40.00	40,775,300	
G-125287	152447	130.00	59,775,500	
G-127496	153919	127.00	40,816,900	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-127559	155815	135.00	39,014,000	
G-128172	154500	37.50	8,147,600	
G-129150	154896	135.00	36,707,200	
G-129241	158555	90.00	16,212,000	
G-129257	160440	137.00	5,486,900	Supplemental Well - Both water sources used in 2020
G-129577	158376	120.00	27,904,700	
G-129685	156989	136.20	8,823,692	Supplemental Well
G-129692	160438	140.00	28,073,000	
G-130058	154894	100.00	63,914,542	
G-130108	159812	145.00	18,997,753	Supplemental well Used 12" surface water
G-130225	160878	156.00	41,169,900	
G-130382	153921	0.00	0	Well Not Used in 2020
G-130445	153920	150.00	43,012	11.12 surface water
G-130451	154496	0.00	0	Supplemental Well not Used in 2020 - WCIP Contract
G-130559	156326	152.50	62,772,000	
G-130635	159808	19.00	6,289,800	
G-130699	161380	0.00	0	Well Not Used in 2020
G-130801	154254	130.00	43,099,100	
G-130918	161076	152.20	37,576,400	
G-130954	162385	10.00	1,728,400	Supplemental Well - Both water sources used in 2020
G-130969	161430	145.00	4,518,697	
G-131043	161371	143.00	41,187,000	
G-131271	156876	130.00	22,800	
G-131440	156871	124.00	4,030,900	Supplemental well, 10.39" SW used
G-131490	154924	79.80	33,947,931	
G-131622	155819	100.00	30,491,000	
G-131623	155812	135.00	37,679,300	
G-131726	162133	150.88	32,941,100	
G-131774	163016	144.00	37,598,500	
G-131925	162127	0.00	0	Well Not Used in 2020
G-131927	161757	130.00	52,103,400	
G-131930	162388	122.60	39,938,200	
G-131993	159890	0.00	0	First year reading, Not sure beginning reading.
G-132158	163442	139.00	38,281,600	
G-132168	160566	135.00	34,419,000	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-132241	165009	128.00	26,389,300	
G-132339	156879	0.00	0	Well Not Used in 2020
G-132340	156877	0.00	0	Well Not Used in 2020
G-132341	156875	0.00	0	Well Not Used in 2020
G-132344	156789	12.00	7,004,100	
G-132359	160881	133.00	29,814,006	
G-132512	161373	135.00	45,245,600	
G-132514	165545	0.00	0	Supplemental Well Not Used in 2020
G-132515	161839	144.23	9,422	
G-132529	161379	0.00	0	Supplimental well not used in 2020
G-132531	161571	140.00	59,183,501	
G-132532	161572	151.00	53,119,800	
G-132544	159256	131.00	28,283,063	
G-132547	159597	153.50	10,209,200	Supplemental Well
G-132644	160439	158.00	88,022,300	
G-132663	164229	154.30	38,995,045	
G-132700	165015	132.00	18,526,900	132 ac popcorn
G-132701	165016	132.00	103,086,300	132 ac popcorn
G-132733	159884	160.00	42,832,000	
G-132734	164687	115.00	49,433,857	
G-132768	165657	140.40	30,155,000	
G-132769	160567	144.00	60,336,600	
G-132798	159254	130.00	40,757,068	
G-132840	160488	151.00	38,286,325	
G-133038	165739	136.25	56,580,800	
G-133088	157915	130.00	34,895,605	
G-133180	161381	0.00	0	Supplemental Well Not Used in 2020
G-133181	161382	0.00	0	Supplemental Well Not Used in 2020
G-133233	162390	119.68	48,228,600	
G-133234	161749	146.00	39,168,200	
G-133235	158379	0.00	100	Supplemental Well Not Used in 2020
G-133352	162136	135.00	29,374,654	
G-133405	165547	120.00	27,921,100	
G-133416	165335	66.50	24,485,600	
G-133421	161383	101.00	46,815,668	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-133426	165471	65.00	15,686,100	
G-133471	163782	130.00	30,414,000	
G-133725	162123	130.00	38,673,400	
G-133759	160323	87.00	28,693,632	
G-133929	164406	75.00	40,939,300	
G-133952	166448	0.00	6,354,100	Well Used to fill Pond @ MOSAIC
G-134113	166449	111.00	42,527,900	
G-134130	162140	130.00	56,848,257	
G-134132	162139	67.00	29,575,800	
G-134186	166699	10.00	1,629,240	Estimate Did not work 2020
G-134199	162134	130.00	43,010,578	
G-134206	166528	0.00	0	Supplemental Well Not Used in 2020
G-134230	166010	130.47	64,996,500	
G-134566	160564	123.00	47,248,400	
G-134706	167566	0.00	0	Well Not Used in 2020
G-134879	162601	65.00	5,497,000	16.62 surface water
G-135119	169328	156.30	12,806,100	Supplemental Well
G-135169	166605	149.00	40,127,900	
G-135192	167715	0.00	0	Supplemental Well Not Used in 2020
G-135193	167716	65.00	25,075,400	
G-135213	166040	86.00	36,656,800	
G-135516	169018	120.00	60,441,700	
G-135532	160565	140.00	42,990,700	
G-135822	169468	99.60	35,436,000	
G-135950	161750	0.00	0	Well Not Used in 2020
G-136259	169013	86.00	29,335,400	
G-136650	169774	135.00	57,801,800	
G-136691	165017	135.00	35,187,800	
G-137318	169448	110.00	22,182,000	
G-137329	169841	134.30	34,943,608	
G-137381	170158	145.00	18,715,080	
G-137402	170172	135.00	46,158,813	
G-137403	170742	72.00	25,587,000	
G-137447	165018	135.00	38,887,000	
G-137937	172642	134.00	86,379,500	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-137967	166808	292.00	8,917,800	
G-138203	172442	155.00	70,196,620	
G-138280	162142	66.00	6,586,300	feed
G-138416	162122	145.00	28,888,100	
G-138534	172370	151.00	30,654,965	
G-138594	172862	74.60	3,980,100	Supplemental Well
G-139059	172599	100.00	36,487,900	
G-139271	170679	120.00	28,033,800	
G-139360	165336	90.00	52,477,400	
G-139572	169042	100.00	25,031,500	
G-140625	172547	132.00	10,813,300	
G-141518	173834	65.00	27,995,500	
G-141860	177863	93.00	11,774,952	
G-142036	170682	59.00	23,727,500	
G-142430	178761	130.00	40,131,400	
G-142530	173630	139.00	49,715,000	
G-142566	178584	127.00	7,253,100	
G-142967	178585	215.00	96,342,800	
G-143253	177864	0.00	0	Well Not Used in 2020
G-144298	182757	72.00	26,908,700	
G-144555	181381	0.00	0	"Have not used this well in years" used SW only
G-144716	182053	145.00	54,251,200	
G-144783	183104	137.00	37,905,200	corners surface water
G-144784	180131	76.00	11,463,333	
G-144823	182952	205.00	3,874,300	
G-144980	182209	135.00	50,366,000	
G-145042	183105	100.00	29,769,100	
G-145565-R1	190217	130.00	46,752,000	Estimate Meter odometer did not work in 2020 - Estimated
G-145863	185009	260.10	17,834,400	
G-145885	178762	40.00	18,003,500	
G-145993	183670	0.00	0	Well Not Used in 2020
G-146977	180054	50.00	36,450,100	
G-147124	182953	150.00	7,270,600	
G-147456	188634	65.00	14,174,388	
G-147457	188635	136.00	39,905,518	

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DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-148411	189364	135.31	54,726,600	
G-148565	187309	0.00	0	Supplemental Well Not Used in 2020
G-148621	191026	75.00	30,114,058	
G-148622	190543	0.00	0	Supplemental Well Not Used in 2020
G-148685	188800	125.00	52,185,643	
G-148722	191249	73.00	6,870,505	
G-148743	187694	100.00	564,803	
G-149188	191318	134.00	63,973,900	
G-149618	192106	132.00	44,504,591	
G-149663	191521	74.00	31,195,873	
G-149890	191025	87.00	20,354,638	67 ac grass
G-150891	187697	0.00	1,100	Well Not Used in 2020 - WCIP
G-151663	191248	62.00	17,905,619	
G-152478	197495	130.00	25,706,963	
G-152676	191017	125.00	54,253,692	
G-152707	197427	147.00	2,907,400	Supplemental Well - Both water sources used in 2020
G-153081	197627	68.00	17,009,537	
G-153624	199985	95.00	22,766,728	
G-157641	202660	115.00	1,623,809	
G-158114	208108	120.00	39,644,840	
G-159284	208463	162.80	55,637,188	
G-161020	213049	128.00	77,945,900	128 ac potatoes
G-161031	214156	30.00	26,393,688	
G-161519	208462	67.00	14,724,600	
G-162926	216452	74.50	25,253,220	
G-164032	219279	155.00	51,483,984	
G-164644	218534	160.00	47,495,604	
G-164765	217905	0.00	0	Well Not Used in 2020
G-165055	220042	143.00	3,029,843	11.05 surface water
G-165537	215283	48.00	32,774,878	
G-165597	218166	75.00	45,016,173	
G-166011	221015	130.00	36,486,558	
G-166108	222272	67.00	28,838,906	
G-166557	217687	124.00	51,232,810	
G-166720	222354	148.00	33,015,191	

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DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-167012	221958	31.80	11,930,925	
G-167286	223104	144.00	38,531,526	
G-167416	222557	77.10	31,719,674	
G-167483	224220	105.00	5,093,547	9.12 inches surface water
G-167695	221189	127.00	3,042,063	
G-167696	221856	130.00	21,668,892	
G-167697	222232	0.00	0	Supplemental Well Not Used in 2020
G-167700	222753	150.00	1,885,500	Supplemental Well
G-167889	222616	76.00	16,048,014	
G-167954	223105	0.00	0	Well Not Used in 2020
G-168005	223141	0.00	0	Supplemental Well not used in 2020
G-168610	217989	143.00	40,364,149	
G-169763	225845	25.00	15,827,300	
G-169866	224583	88.00	21,861,957	28 ac grass
G-170249	228482	122.00	55,561,700	
G-170384	228390	155.00	54,684,898	
G-170397	222559	79.39	5,875,854	
G-170400	226797	67.00	20,648,445	
G-171454	229850	81.40	5,787,875	Supplemental Well
G-171471	229476	65.00	7,730,800	
G-171948	228629	133.00	48,171,196	
G-172064	227073	153.28	4,297,935	Estimate
G-172337	230621	131.00	1,444,864	Supplemental Well
G-172642	226828	137.00	18,500,020	Also used 9.5" SW.
G-172798	230409	145.00	15,902,197	Supplemental Well - Both water sources used in 2020
G-173699	230989	171.00	66,874,871	
G-174251	230397	0.00	0	Supplemental Well Not Used in 2020
G-174557	230623	135.00	23,219,928	
G-174591	234579	82.00	16,189,758	
G-174932	232741	123.00	9,608,443	6.9" surface water used
G-175697	235514	75.00	39,454,762	
G-175830	235770	35.00	9,782,500	
G-175946	231156	140.00	18,237,441	
G-175949	236660	0.00	0	Supplemental Well Not Used in 2020
G-176126	235952	0.00	0	Well Not Used in 2020

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2020

DNR Well Reg #	DNR WELL ID #	Acres Reported	Gallons Used	Comments
G-176401	236745	15.00	13,373,073	
G-177578	239253	21.40	17,373,401	
G-178033	240120	130.00	15,341,467	
G-178903	240974	132.00	30,155,060	alfalfa
G-186194	254285	30.00	37,917,400	
G-186486	254490	20.00	103,483,894	20 ac grass - must have filled duck pond again.
G-187210	256486	77.00	20,546,617	
G-187945	257218	16.00	1,641,324	16 ac vegetables
G-188663	257035	115.00	23,108,326	
G-189345	259680	97.00	42,346,300	
G-189407	247403	18.00	21,733,610	

54,419.59 16,379,984,590

acre feet 50,268.33

Average IPA 11.08

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
A-004566	SW 1/4 of SE 1/4	31	7	16	137.53	No Till
A-005044	SW 1/4	15	8	13	60	Minimum Till
A-005509	NE 1/4	32	6	16	65	No Till
A-005544	NW 1/4	28	7	18	135	No Till
A-005573	SW 1/4	31	7	20	60	Minimum Till
A-005605	SW 1/4	31	7	20	41	No Till
A-005637	lots 9, 10, 15 & 16	30	6	17	40	No Till
A-005838	NE 1/4	10	5	18	145	No Till
A-005914	lots 4, 5, & W2 of NE 1/4	31	6	17	152	Minimum Till
A-005964B	NE 1/4	16	8	13	117	No Till
A-006272	lots 1, 2, 7 & 8	30	6	17	40	No Till
A-006382	NE 1/4	1	5	18	160	No Till
A-007010	SE 1/4	11	5	17	56	No Till
A-007273	SE 1/4	23	5	19	135	No Till
A-007514	SW 1/4	7	5	19	141	No Till
G-000125	SE 1/4	14	5	17	65	No Till
G-000317	NE 1/4	27	7	19	66	Minimum Till
G-000540	SE 1/4	11	5	19	144	No Till
G-000559	NW 1/4	36	7	21	97	No Till
G-000652	SW 1/4	22	6	20	156	No Till
G-000802	NW 1/4	30	5	18	135	No Till
G-001012	NE 1/4	18	6	17	156	No Till
G-001168A	NE 1/4	14	8	18	32	No Till
G-001169	NE 1/4	5	6	19	149	No Till
G-001239	SW 1/4	27	6	20	173.5	No Till
G-001336	NE 1/4	10	5	17	112	No Till
G-001341	SE 1/4	20	5	19	100	No Till
G-001407	NW 1/4	27	6	17	61	Minimum Till
G-001416	NW 1/4	27	5	16	45	No Till
G-001460	SE 1/4	33	7	19	120	Minimum Till
G-001680	NW 1/4	14	6	20	55	No Till
G-001705	SW 1/4 of SW 1/4	9	7	16	158.31	Minimum Till
G-002145	NE 1/4	34	5	18	138	No Till
G-002216	NE 1/4	28	7	18	130	No Till
G-002253	SW 1/4	11	6	21	143	No Till
G-002623	NW 1/4	24	8	18	110	Minimum Till
G-002671	NW 1/4	35	5	16	130	No Till
G-002716	NE 1/4	33	5	16	118	No Till
G-003127	NE 1/4	8	6	20	79	No Till
G-003138	NE 1/4	14	8	18	34.9	Minimum Till
G-003499	NW 1/4	7	5	18	63	No Till
G-003515	SE 1/4	28	6	18	130	No Till
G-003517	SE 1/4	22	5	19	137	Minimum Till
G-003733	SW 1/4 of SW 1/4	7	7	16	7	No Till
G-003734	SW 1/4 of SE 1/4	7	7	16	6	No Till
G-003918	SE 1/4 of NW 1/4	33	7	16	154	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShp	Range	Irrigated Acres	Tillage
G-004363	SE1/4 SE1/4	8	7	16	111.12	Minimum Till
G-004364	NW 1/4 of NW 1/4	9	7	16	73.35	Minimum Till
G-004669	SE 1/4 of SW 1/4	8	7	16	98	No Till
G-004679	SW 1/4	22	6	18	31.3	No Till
G-005593	NE 1/4	2	6	21	146	No Till
G-005935	NE 1/4	7	5	19	140	No Till
G-005936	SW 1/4	20	5	18	130	No Till
G-005981	SW 1/4	15	8	13	60	Minimum Till
G-005987	NE 1/4	33	6	19	135	No Till
G-006176	NE 1/4	15	5	19	155.43	No Till
G-006401	SW 1/4	16	6	17	155	Minimum Till
G-006858	SW 1/4	3	5	18	131.6	No Till
G-006859	NE 1/4	28	6	18	154	No Till
G-007043	NW 1/4	16	7	19	143	No Till
G-007078	NE 1/4	23	8	14	68.5	No Till
G-007505	SE 1/4	9	6	20	130	No Till
G-007767	NE of SE	30	6	19	151	No Till
G-008006	SW 1/4	21	6	18	130	No Till
G-008007	NW 1/4	21	8	18	130	Minimum Till
G-008028	NW 1/4	10	6	18	103	No Till
G-008029	SW 1/4	27	6	18	71.5	No Till
G-008503	SE 1/4 of SE 1/4	11	7	16	123	No Till
G-008919	SE 1/4	12	8	13	4	No Till
G-008921	SE 1/4	11	8	13	40.5	Minimum Till
G-009227	SW 1/4	34	7	21	124	No Till
G-009240	SE 1/4	14	8	14	59	Minimum Till
G-009241	SE 1/4	14	8	14	59	Minimum Till
G-009416	NW 1/4	14	7	16	143	No Till
G-009417	NW1/4 NE1/4	14	7	16	130	No Till
G-009596	NE of SE 1/4	29	6	16	75	No Till
G-009669	NE 1/4	24	6	19	137	No Till
G-010285	NW 1/4	17	8	13	132	No Till
G-010452	NE 1/4	6	7	16	32	No Till
G-010454	lots 11, 12, 17, & 18	6	5	17	142	No Till
G-010549	NE 1/4	24	6	17	139.1	No Till
G-010959	SE 1/4	6	5	17	135	No Till
G-011361	NE 1/4	4	6	17	156.43	No Till
G-011811	SW 1/4	27	5	18	73	No Till
G-011958	NW 1/4	26	5	16	158.6	No Till
G-012216	NE 1/4	25	7	18	62	No Till
G-012338	NW 1/4	23	8	14	130	Minimum Till
G-012366	NE 1/4	11	5	19	144	No Till
G-012428	NW 1/4	22	8	13	127	No Till
G-012652	SE 1/4	31	7	19	156	No Till
G-013352	SW 1/4	24	5	16	131	No Till
G-013356	SE 1/4	35	7	21	135	Minimum Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-013424	NE 1/4	21	7	20	108	No Till
G-013612	NW 1/4	15	6	18	148	No Till
G-013807	NE 1/4	21	7	19	85	No Till
G-013963	NE 1/4	29	5	16	41	No Till
G-013964	SW 1/4	28	5	16	7	No Till
G-013965	SW 1/4	23	5	16	155	No Till
G-013974	NE 1/4 of NW 1/4	34	7	16	67.5	No Till
G-014651	SW 1/4	2	6	19	150	No Till
G-014709	NW 1/4	20	7	17	130	No Till
G-014730	SW 1/4	16	8	13	60	Minimum Till
G-014731	SW 1/4	16	8	13	32	Minimum Till
G-014735	NW 1/4	17	7	19	73	No Till
G-014933	SE 1/4	36	7	21	150	Minimum Till
G-015125	NE 1/4	12	6	18	150	No Till
G-015350	NW 1/4	8	5	18	148.3	No Till
G-015354	SW 1/4	19	5	18	139	No Till
G-015835	NW 1/4	19	8	16	135	Minimum Till
G-015956	NW 1/4	12	6	18	145	No Till
G-015957	SW 1/4	1	6	18	155	No Till
G-015972	SE 1/4	13	8	13	67	No Till
G-015987	SW 1/4	19	5	19	134.4	No Till
G-016211	SW 1/4	31	6	18	84	No Till
G-016296	SW 1/4	21	6	16	132	No Till
G-016588	NE 1/4	17	8	13	150	No Till
G-016781	SW 1/4	25	8	15	65	No Till
G-016902	NW 1/4 of NW 1/4	16	7	16	64.59	No Till
G-017198	SW 1/4	13	8	13	66	Minimum Till
G-017750	NW 1/4	28	5	16	130	No Till
G-018114	lots 13, 14, pts of 15, 16	6	5	17	140	No Till
G-018587	SW 1/4	24	8	17	137	Minimum Till
G-018622	NE 1/4	35	7	18	8	No Till
G-018674	NW 1/4	24	8	14	90	No Till
G-018931	NW 1/4	3	5	18	79	No Till
G-019163	SE 1/4	8	5	17	240	No Till
G-020280	SW 1/4	28	7	18	144	No Till
G-020298	NW 1/4	30	5	16	80	Minimum Till
G-020360	NW 1/4 of NW 1/4	18	7	16	72	No Till
G-020391	SW 1/4	29	6	19	64	No Till
G-020404	SW 1/4	14	5	19	135	No Till
G-020559	NE 1/4	24	5	17	130	No Till
G-020857	SW of NW 1/4	4	6	19	166	No Till
G-021172	SE 1/4	6	6	20	98	No Till
G-021397	SE 1/4 of NW 1/4	7	7	16	8	No Till
G-021455	SW 1/4	12	6	21	73	No Till
G-021595	NE 1/4	31	7	17	65	No Till
G-021705	NW 1/4	18	5	18	76	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-021852	NE 1/4	25	5	16	130	No Till
G-022155	NE 1/4	28	5	19	143	No Till
G-022334	NW 1/4	12	5	19	160	No Till
G-022438	NE 1/4	22	7	18	10	No Till
G-022590	NW 1/4	22	5	18	150	No Till
G-022762	NE 1/4	11	5	18	57.2	No Till
G-022942	SE 1/4	36	6	20	100	No Till
G-022950	SW 1/4	26	7	18	72	No Till
G-022971	SE 1/4	32	5	18	130	No Till
G-023069	NE 1/4	36	5	16	142	Minimum Till
G-023082	SW 1/4	13	6	20	18	No Till
G-023087	SW 1/4 of NW 1/4	9	7	16	73.35	Minimum Till
G-023093	SW 1/4	13	7	20	140.93	Minimum Till
G-023124	SW 1/4	32	7	19	139	Minimum Till
G-023268	NW 1/4 of SE 1/4	26	7	16	72	No Till
G-023376	SW 1/4	6	5	18	67	No Till
G-023474	NE 1/4	26	5	16	158.62	No Till
G-023531	SW 1/4 of SW 1/4	33	7	16	154	No Till
G-023607	SW 1/4	35	7	18	142	Minimum Till
G-023624	SE 1/4	18	5	19	135	No Till
G-023699	NW 1/4	9	6	18	130	No Till
G-023786	SW 1/4 of SW 1/4	20	7	16	107.16	Minimum Till
G-023819	SW 1/4	27	7	19	142	No Till
G-023886	NE 1/4	2	5	18	105	No Till
G-024073	SE 1/4	35	5	19	160	No Till
G-024090	NE 1/4	7	5	18	152.18	No Till
G-024222	SW 1/4	11	5	19	132	No Till
G-024234	NE 1/4	19	6	16	115	No Till
G-024341	NE 1/4	26	5	19	146	No Till
G-024356	NW of SW 1/4	26	6	18	47	No Till
G-024376	SW 1/4	12	5	18	65	No Till
G-024524	SW 1/4	24	6	20	68.3	No Till
G-024727	SE 1/4	24	6	20	130	No Till
G-024728	SE 1/4	24	6	20	130	No Till
G-024757	SW 1/4	17	5	19	149	No Till
G-025010	NW 1/4	29	5	16	144	Minimum Till
G-025032	NE 1/4	13	5	17	67	No Till
G-025073	SE 1/4	24	5	17	130	No Till
G-025108	NE 1/4	8	5	19	145	No Till
G-025164	NW 1/4	35	5	19	151	No Till
G-025168	SW 1/4	24	6	19	135	No Till
G-025177	Cent of NW 1/4	9	7	17	130	Minimum Till
G-025483	SW 1/4	21	7	20	135	No Till
G-025488	SE 1/4	28	5	18	118.3	No Till
G-025528	NW 1/4	19	6	20	75	Minimum Till
G-025632	NE 1/4	14	5	18	24	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-025703	SE 1/4	32	6	19	309	No Till
G-025704	SW 1/4	33	5	19	182	No Till
G-025739	SW 1/4	33	5	17	75	Minimum Till
G-025792	NE 1/4 of SW 1/4	14	7	16	130	No Till
G-025793	SW 1/4 of NW 1/4	34	7	16	67.5	No Till
G-025803	SW 1/4	24	6	18	245	No Till
G-025815	SW 1/4	14	6	19	90	No Till
G-025819	NE 1/4	30	5	16	152	Minimum Till
G-025849	NW 1/4	3	6	19	30	Minimum Till
G-025987	SE 1/4	17	5	19	138	No Till
G-025998	SW 1/4	13	5	19	85	No Till
G-026085	SE 1/4	27	6	19	131	No Till
G-026164	NW 1/4	32	6	18	141	No Till
G-026280	NW 1/4	27	6	18	136	No Till
G-026301	NE 1/4	23	5	19	125	No Till
G-026317	SE 1/4	17	6	20	97	No Till
G-026324	SW 1/4 of NE 1/4	33	7	16	130	No Till
G-026335	SE 1/4	28	6	17	127	No Till
G-026426	SE 1/4	32	6	17	155	No Till
G-026577	SE 1/4 of SW1/4	23	7	17	158	No Till
G-026634	SE 1/4	2	6	18	100	No Till
G-026990	SW 1/4 of SW 1/4	34	7	16	130	Minimum Till
G-027040	NE 1/4	11	6	17	95	No Till
G-027064	SE 1/4	2	5	17	80.5	No Till
G-027126	NW 1/4	11	6	21	147	No Till
G-027136	NE 1/4	34	6	19	71	No Till
G-027227	NW 1/4	34	7	21	48	No Till
G-027416	NE 1/4	17	6	19	152	No Till
G-027484	NW 1/4	32	7	20	142	No Till
G-027644	NE 1/4	14	5	19	160	No Till
G-027808	SE 1/4	16	5	18	97	No Till
G-027921	SE 1/4	24	5	16	150	Minimum Till
G-028007	NE 1/4	22	6	20	150	No Till
G-028012	SW 1/4	8	6	20	133	No Till
G-028043	SW 1/4	3	5	18	21.4	No Till
G-028077	NW 1/4	36	7	18	146	No Till
G-028083	SE 1/4 of NW 1/4	26	7	16	270.11	Minimum Till
G-028120	NW 1/4	34	5	17	66	No Till
G-028128	SW 1/4	28	5	16	155	No Till
G-028370	SW 1/4	32	6	18	100	No Till
G-028487	SW 1/4	26	5	19	146	No Till
G-028701	SE 1/4	26	7	18	75	No Till
G-028804	NW 1/4	11	5	18	57.8	No Till
G-028826	NW 1/4	13	6	17	135	No Till
G-028884	SW 1/4	29	7	17	140	No Till
G-028923	SE 1/4	25	6	18	156	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-028924	SW 1/4	25	6	18	148	No Till
G-029188	NW 1/4	14	5	18	155	No Till
G-029189	lots 3, 4, 5, & 6	18	5	17	153	No Till
G-029273	NW 1/4	36	5	17	65	No Till
G-029313	NE 1/4	10	6	21	96	No Till
G-029428	NW 1/4	6	5	19	112	No Till
G-029462	SE 1/4	26	5	16	152	Minimum Till
G-029565	SW 1/4	36	7	21	75	Minimum Till
G-029643	SE 1/4	2	5	19	142	No Till
G-029699	SW 1/4 SE 1/4	1	6	18	135	No Till
G-029791	SE 1/4	29	5	19	152	No Till
G-030104	SW 1/4	32	6	18	100	No Till
G-030174	SE 1/4	32	7	17	135	No Till
G-030282	NE 1/4	35	5	17	123	No Till
G-030448	NW 1/4	34	6	19	132	No Till
G-030496	NW 1/4 of SW 1/4	24	7	16	150.7	Minimum Till
G-030668	NW 1/4	19	6	19	65	No Till
G-030693	NW 1/4	20	6	18	154	No Till
G-030725	SE 1/4	35	5	18	74	No Till
G-030784	SW 1/4	36	5	19	130	No Till
G-031059	SW 1/4	1	5	17	78.58	No Till
G-031086	SE 1/4	27	5	18	142	No Till
G-031315	SE 1/4	16	6	18	131	No Till
G-031354	NE 1/4	1	6	21	125	No Till
G-031620	NW 1/4	23	5	18	133.2	No Till
G-031733	SW 1/4	13	5	17	131.3	No Till
G-031740	NW 1/4	24	6	19	140	No Till
G-031757	NE1/4	30	7	16	145.58	Minimum Till
G-031992	SW 1/4	5	5	19	132	No Till
G-032082	NE 1/4	9	5	17	140	No Till
G-032103	NW NE 1/4	18	5	19	75	No Till
G-032115	NW 1/4	19	8	16	7	Minimum Till
G-032220	NE 1/4 of SE 1/4	36	7	16	6	No Till
G-032287	SW 1/4	24	5	19	132	No Till
G-032374	SW 1/4	22	5	19	62.5	Minimum Till
G-032462	SW 1/4	17	6	19	136	No Till
G-032770	SW SW 1/4	35	7	19	107	No Till
G-032795	SE 1/4	25	6	20	152	No Till
G-032987	SW 1/4	30	6	18	136	No Till
G-033171	SW 1/4	22	7	19	136	Minimum Till
G-033288	NE 1/4	26	7	20	75	No Till
G-033694	NE 1/4	22	8	13	135	No Till
G-033786	SW 1/4	7	5	18	175	No Till
G-034034	NW 1/4	17	7	17	65	Minimum Till
G-034035	NE 1/4	25	7	17	155	Minimum Till
G-034091	SW 1/4	14	6	20	150	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-034186	SW 1/4	25	5	19	125	No Till
G-034215	NE 1/4	20	8	13	134	No Till
G-034320	SE 1/4	30	8	16	133	No Till
G-034321	SW 1/4	30	8	16	136	No Till
G-034410	SW 1/4	19	6	20	135	Minimum Till
G-034439	SE 1/4 of NW 1/4	10	7	16	132	No Till
G-034449	NE 1/4 of SE 1/4	14	7	16	135	No Till
G-034558	SE 1/4	6	6	20	78	No Till
G-034763	SE 1/4	16	7	19	75.7	No Till
G-034766	SW 1/4 of SE 1/4	20	7	16	151	No Till
G-034806	SW 1/4	35	5	16	33	No Till
G-034808	NW 1/4	32	6	19	142	No Till
G-035035	NW 1/4	22	7	16	131.5	No Till
G-035158	NW 1/4	34	5	16	55	No Till
G-035277	NE 1/4	32	6	17	130	Minimum Till
G-035306	NE 1/4	19	8	16	150	Minimum Till
G-035658	SE 1/4	4	5	19	147	No Till
G-035734	SW 1/4	31	6	19	82	No Till
G-035763	lots 4, 5	7	6	17	100	No Till
G-035840	NE 1/4	30	7	20	135	Minimum Till
G-036171	SE 1/4	6	6	19	148	No Till
G-036359	SW 1/4	25	5	16	60	No Till
G-036360	SE 1/4	25	5	16	130	No Till
G-036446	SE 1/4	28	8	14	130	No Till
G-036480	SE 1/4 of SE 1/4	8	7	16	111	Minimum Till
G-036610	Cent of NE 1/4	8	7	17	130	Minimum Till
G-036677	NW 1/4 of SW 1/4	1	7	16	130	No Till
G-036947	SE 1/4	23	5	17	79	Minimum Till
G-037028	SW 1/4	18	8	16	65	Minimum Till
G-037113	NE 1/4	24	7	18	14.4	No Till
G-037114	SE 1/4	24	7	18	161	No Till
G-037172	NE 1/4	11	5	17	145	No Till
G-037236	NW 1/4 of SE 1/4	7	7	16	7	No Till
G-037321	NW 1/4	25	6	18	153	No Till
G-037484	NW 1/4	29	5	19	145	No Till
G-037542	SW 1/4	34	7	20	164	No Till
G-037547	NE 1/4	29	5	16	120	No Till
G-037902	NE 1/4	17	5	18	130	No Till
G-037905	NE 1/4	17	5	19	135	No Till
G-037931	NE 1/4	18	7	20	130	Minimum Till
G-038009	NW 1/4	5	6	20	116	No Till
G-038040	NE 1/4	29	6	19	140.44	No Till
G-038172	NW 1/4 of SE 1/4	1	7	16	130	No Till
G-038793	NW 1/4	21	7	19	66.5	No Till
G-038816	SE 1/4	26	7	19	127	No Till
G-039385	NW 1/4	7	5	19	75.7	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-039450	SE 1/4	27	6	18	85	No Till
G-039518	NE 1/4	11	8	13	138.27	No Till
G-039539	lots 9, 10, 15 & 16	7	6	17	150	No Till
G-039540	SW 1/4	25	6	19	136	No Till
G-039565	SE 1/4	36	7	20	140	Minimum Till
G-039594	SE 1/4	27	7	21	81	No Till
G-039968	NE 1/4	34	5	16	65	No Till
G-039976	SE 1/4	30	7	17	110	No Till
G-039977	NE 1/4	15	6	17	130	No Till
G-039990	SW 1/4	27	5	19	146	No Till
G-040036	SW 1/4	15	6	18	145	No Till
G-040116	NE 1/4	36	5	19	145	No Till
G-040134	NW 1/4	31	5	18	135	No Till
G-040343	SW 1/4	8	6	19	140	No Till
G-040491	SE 1/4	13	5	19	152	No Till
G-040650	SE 1/4	27	7	18	125	No Till
G-040841	SE 1/4	25	8	14	131	No Till
G-040944	SW 1/4	1	6	21	151	Minimum Till
G-041031	NE 1/4	28	7	17	110	Minimum Till
G-041088	SE 1/4	25	8	15	120	No Till
G-041182	SW 1/4	30	6	19	129	No Till
G-041258	NE 1/4	24	8	18	153	Minimum Till
G-041329	NE 1/4	3	6	20	134	No Till
G-041432	SW 1/4	4	6	17	65	No Till
G-041441	NW 1/4	11	5	19	137.08	No Till
G-041487	SE 1/4	10	6	20	152	No Till
G-041512	NW 1/4	21	7	20	123	No Till
G-041544	lots 3-6	19	5	17	76	No Till
G-041704	SW 1/4	30	5	18	74	No Till
G-041783	SE 1/4	11	5	19	144	No Till
G-041826	SE 1/4	19	7	18	148.5	No Till
G-041838	NE 1/4	27	7	18	75	No Till
G-042013	NW 1/4	32	5	18	150	No Till
G-042020	SW 1/4	34	5	18	91	Minimum Till
G-042184	NW SE 1/4	26	7	20	152	No Till
G-042269	NE 1/4	9	6	20	144	No Till
G-042426	NE 1/4	21	8	13	147.9	No Till
G-042443	SW 1/4	11	6	19	137	No Till
G-042864	SE 1/4	15	5	19	155.43	No Till
G-042999	NE 1/4	29	8	17	132	No Till
G-043110	SW 1/4	15	6	20	68	No Till
G-043366	NW 1/4	10	6	20	83	No Till
G-043697	NW 1/4	20	7	17	130	No Till
G-043853	NE 1/4	24	8	13	127	No Till
G-043947	NE 1/4	35	7	21	135	Minimum Till
G-044047	NW 1/4	26	7	20	73	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-044065	NW 1/4	22	6	17	155	No Till
G-044165	NE 1/4	36	7	21	90.1	No Till
G-044258	SW 1/4	20	6	18	159	No Till
G-044283	SE 1/4	20	6	18	158	No Till
G-044409	SW 1/4	23	8	17	144	Minimum Till
G-044419	SE 1/4	20	8	13	134	No Till
G-044680	NE 1/4	5	5	19	146	No Till
G-044681	NE 1/4	30	6	18	150	No Till
G-044697	SE 1/4	12	5	18	132	No Till
G-044779	NW 1/4	9	6	19	133	No Till
G-044831	NW 1/4	35	8	15	128	No Till
G-044893	lots 3, 4, 9, & 10	6	5	17	135	No Till
G-044894	NE 1/4	9	6	17	148	No Till
G-044991	SE 1/4	22	5	18	150	Minimum Till
G-045273	SW 1/4	1	6	20	136	No Till
G-045284	SE 1/4	22	6	18	68.3	No Till
G-045402	NE 1/4	1	6	20	154	No Till
G-045549	SE 1/4	2	6	19	70	No Till
G-045570	NE NE 1/4	22	7	19	135	No Till
G-045600	NW 1/4	14	5	19	128	No Till
G-045821	NE 1/4	34	7	21	150	No Till
G-045830	NW 1/4	33	5	18	92	No Till
G-046627	SE 1/4	8	5	17	240	No Till
G-047120	SW 1/4	34	8	17	135	No Till
G-047172	SW 1/4	5	5	17	155.03	No Till
G-047270	SE 1/4	1	5	18	56	No Till
G-047595	NE 1/4	34	5	19	185	No Till
G-047719	NW 1/4	21	5	18	122	Minimum Till
G-048259	NE 1/4	25	6	19	143	No Till
G-048441	NE 1/4	16	5	18	111	No Till
G-048442	SW 1/4	22	5	18	158.5	Minimum Till
G-048537	NE 1/4	28	6	20	146.3	No Till
G-048556	SW 1/4	20	8	17	150	Minimum Till
G-048684	NE 1/4	34	8	15	150	No Till
G-048991	NW 1/4	36	8	17	130	No Till
G-049239	NW 1/4	25	8	17	153	No Till
G-049240	SW 1/4	25	8	17	133	No Till
G-049326	NW 1/4	2	6	21	160	No Till
G-049567	SE 1/4	26	5	19	146	No Till
G-049677	NW 1/4	30	6	20	68	No Till
G-049679	SW 1/4	26	5	18	130	No Till
G-049914	NE 1/4	22	5	19	130	No Till
G-050005	SW 1/4	21	5	18	150.9	No Till
G-050075	SW 1/4	33	5	16	130	No Till
G-050229	NE 1/4	35	5	18	128	No Till
G-050365	SW 1/4	35	5	16	97	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-050480	NW 1/4	34	6	18	65	No Till
G-050678	NE 1/4	27	5	18	154	No Till
G-050678	NE 1/4	27	5	18	154	No Till
G-050885	NW 1/4	22	8	14	130	Minimum Till
G-051086	SE 1/4	36	6	19	135	No Till
G-051199	SW 1/4	33	5	17	75	Minimum Till
G-051378	SE 1/4	35	5	17	127	No Till
G-051576	SE 1/4	5	5	19	167	No Till
G-052078	SE 1/4	28	6	19	137	No Till
G-052272	NE 1/4	4	6	19	50	Minimum Till
G-052273	SE 1/4	31	6	19	68	No Till
G-052284	NW 1/4	9	5	17	76	No Till
G-052523	NW 1/4	25	5	16	135	No Till
G-052524	NE 1/4	25	5	16	12	No Till
G-052566	NW 1/4	10	6	21	156	No Till
G-052581	SE 1/4	8	5	19	146	No Till
G-052826	NW 1/4	13	5	17	130	No Till
G-053486	SE 1/4	33	5	17	64	No Till
G-053686	NW 1/4	34	8	15	150	No Till
G-053780	NW 1/4	1	6	21	76	No Till
G-053867	lots 1, 2, 7 & 8	7	6	17	150	No Till
G-053938	NE 1/4	32	5	19	196	No Till
G-054318	NE 1/4	36	5	17	55	No Till
G-054401	SW 1/4	28	5	19	132	No Till
G-054771	lot 13	30	5	17	160	No Till
G-054772	lots 11, 12, 13, & 14	30	5	17	160	No Till
G-054773	SE 1/4	30	5	17	160	No Till
G-055469	SE 1/4	16	5	17	100	No Till
G-055521	NW 1/4	34	8	17	136.9	Minimum Till
G-055770	NW 1/4	34	6	20	167	No Till
G-056497	NW 1/4	22	7	18	110	No Till
G-056619	SW 1/4	31	6	18	68	No Till
G-056707	NE 1/4	23	5	17	136	No Till
G-056775	NW 1/4	26	5	17	140	No Till
G-056887	lots 1, 2, 7, & 8	18	5	17	158	Minimum Till
G-056969	NW 1/4	12	5	19	160	No Till
G-057066	SW 1/4	28	6	16	60	Minimum Till
G-057112	SE 1/4	15	7	18	105	No Till
G-057628	NE 1/4	29	6	18	109	No Till
G-058388	SE 1/4	16	7	17	135	Minimum Till
G-058905	SW 1/4	19	8	16	7	Minimum Till
G-059302	SE of NW	22	6	18	131	No Till
G-059557	NE 1/4	15	7	18	125	No Till
G-060103	NW 1/4	17	7	17	135	No Till
G-060270	SE 1/4	17	8	13	62	No Till
G-060288	NW 1/4	15	6	19	70	No Till

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Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-060341	SE 1/4	17	5	17	169	No Till
G-060528	SE 1/4	1	6	20	126	No Till
G-060613	SE 1/4	24	5	18	130	No Till
G-060677	SW 1/4	25	6	17	67	No Till
G-060781	SW 1/4	13	8	18	120	No Till
G-060870	SW 1/4	26	5	17	130	No Till
G-060896	SE 1/4	29	8	17	130	No Till
G-060937	NW 1/4	29	8	17	130	No Till
G-061063	NE 1/4	2	6	18	153	No Till
G-061141	NW 1/4	20	5	17	131.5	No Till
G-061177	SE 1/4 of NW 1/4	11	7	16	132	No Till
G-061237	SE 1/4	30	5	16	80	Minimum Till
G-061318	NE 1/4	26	8	17	137	No Till
G-061360	NE 1/4	36	6	20	144	No Till
G-061449	SE 1/4	1	6	19	135	Minimum Till
G-061500	SW 1/4	10	6	21	130	No Till
G-061501	SE 1/4	36	7	21	140	Minimum Till
G-061971	SE 1/4	31	7	17	123	No Till
G-061996	SE 1/4	22	7	19	114	Minimum Till
G-062047	SW 1/4	15	8	13	29	Minimum Till
G-062245	pts of S2 of NE 1/4 & N2 of SE 1/4	7	5	17	110	No Till
G-062292B	SE 1/4	13	5	18	15	No Till
G-062383	SW 1/4	36	6	19	130	No Till
G-062535	NW 1/4	35	6	19	160	No Till
G-062683	SW 1/4	29	6	20	64	No Till
G-062791	SE 1/4	35	8	17	133	No Till
G-062876	NE 1/4 of SW 1/4	7	7	16	60	No Till
G-062901	SE 1/4	35	5	16	145	No Till
G-062981	NE 1/4	21	5	18	147	No Till
G-062981	NE 1/4	21	5	18	147	No Till
G-062981	NE 1/4	21	5	18	147	No Till
G-063216	NW 1/4	16	7	17	135	No Till
G-063234	SW 1/4	12	6	18	135	No Till
G-063395	NE 1/4	36	8	17	130	No Till
G-063556	NW 1/4	26	8	17	137	No Till
G-063600	SE 1/4	23	8	13	134	No Till
G-063671	Lot 12	6	7	17	140	No Till
G-063815	NE 1/4	35	8	17	133	No Till
G-063852	NE 1/4	7	5	17	100	No Till
G-064292	NE 1/4	26	5	16	158.62	No Till
G-064547	NW 1/4 of SW 1/4	36	7	16	143.59	Minimum Till
G-064756	NW 1/4 of NE 1/4	29	7	16	77	No Till
G-064757	SW 1/4	23	8	13	133	No Till
G-064839	SW 1/4	29	8	17	130	No Till
G-064932	SW 1/4	36	7	21	75	Minimum Till
G-064984	NE 1/4	34	7	19	135	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-065030	SE 1/4	29	5	16	155	No Till
G-065049	NW 1/4	36	7	19	135	No Till
G-065103	SE 1/4	2	6	21	140	Minimum Till
G-065357	Cent of NE 1/4	2	7	16	132	No Till
G-065571	SW 1/4	32	6	17	155	No Till
G-065869	NW 1/4	19	5	18	118	Minimum Till
G-066270	NW 1/4	34	7	19	142	No Till
G-066446	lots 3, 5, 4, & 6	31	5	17	164	Minimum Till
G-066511	SW 1/4	32	6	19	149	No Till
G-066573	SW 1/4	35	6	18	96.6	No Till
G-067052	SW 1/4	29	5	16	82	Minimum Till
G-067372	NE 1/4	23	8	13	133	No Till
G-067373	NW of NW 1/4	23	8	13	130	No Till
G-067726	NW 1/4	32	6	17	130	Minimum Till
G-067820	SW 1/4	30	7	20	140	Minimum Till
G-067828	SE 1/4 of NW 1/4	2	7	16	132	No Till
G-067832	SW 1/4	35	8	16	132	No Till
G-067833	SE 1/4	35	8	16	132	No Till
G-068036	Cent of NE 1/4	25	8	18	130	Minimum Till
G-068245	lots 11 & 14	7	6	17	156	No Till
G-068539	SE 1/4	20	8	17	133	No Till
G-069017	NW 1/4	35	8	17	133	No Till
G-069018	SW 1/4	35	8	17	133	No Till
G-069042	SW 1/4	31	5	18	132	No Till
G-069166	NE 1/4	8	6	17	75	No Till
G-069234	NE 1/4	14	8	13	142.8	Minimum Till
G-069282	SW 1/4	3	6	18	125	No Till
G-069535	SE 1/4	25	5	17	24	No Till
G-070036	NE 1/4	25	5	18	195	No Till
G-070221	SE 1/4	14	5	19	110	No Till
G-070269	NW 1/4 of SE 1/4	11	7	16	6	No Till
G-070411	SW 1/4	28	8	14	122.7	No Till
G-070513	SW 1/4	23	5	18	155	No Till
G-070513	SW 1/4	23	5	18	155	No Till
G-070514	NW 1/4	28	5	18	129	No Till
G-070514	NW 1/4	28	5	18	129	No Till
G-070535	NE 1/4	24	7	21	125	No Till
G-070857	SE 1/4	12	6	21	128	No Till
G-070881	NE 1/4	23	5	18	135	No Till
G-070882	SE 1/4	23	5	18	135	No Till
G-070891	SW 1/4	18	6	18	135	No Till
G-070946	NE 1/4	1	6	21	37	Minimum Till
G-070993	SW 1/4	22	6	17	102.79	Minimum Till
G-071119	NE 1/4	24	6	19	134	No Till
G-071266	NW 1/4	24	7	19	65	No Till
G-071299	lots 1, 2, 7 & 8	18	7	17	15	No Till

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Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-071351	SE 1/4	25	6	18	156	No Till
G-071480	NW 1/4 of NE 1/4	19	7	16	101.96	Minimum Till
G-071535	lots 13 & pt S2 lot 12	18	5	17	61	No Till
G-071933	SW 1/4	17	6	18	145	No Till
G-071957	NW 1/4	23	7	20	109.77	Minimum Till
G-072295	SE 1/4	15	6	17	125	No Till
G-072383	NE 1/4	14	5	17	118.15	No Till
G-072667	SW 1/4	5	6	20	137	No Till
G-072701	NW 1/4	20	5	18	130	No Till
G-072797	SE 1/4	25	7	21	102	No Till
G-072918	NW 1/4	13	6	19	14	No Till
G-073050	SE 1/4	25	6	19	74	No Till
G-073050	SE 1/4	25	6	19	74	No Till
G-073050	SE 1/4	25	6	19	74	No Till
G-073389	NW 1/4	20	5	19	150	No Till
G-073478	NE 1/4	31	5	16	135	Minimum Till
G-073711	NE 1/4	31	6	19	145	No Till
G-073772	SE 1/4	14	6	20	108.8	No Till
G-073794	SE 1/4	34	5	16	156	Minimum Till
G-074140	SW 1/4	35	7	21	133	No Till
G-074296	SE 1/4	19	6	20	73	Minimum Till
G-074311	NE of NW 1/4	23	7	18	130	Minimum Till
G-074324	lots 11, 12, 13, & 14	31	5	17	141	No Till
G-074330	SW 1/4	19	6	19	65	No Till
G-074374	NW 1/4	8	6	20	125	No Till
G-074443	NW 1/4	7	6	20	92	Minimum Till
G-074474	NE 1/4	10	5	18	145	No Till
G-074549	NE 1/4	20	7	19	134	No Till
G-074588	SE 1/4	36	5	16	155	No Till
G-074640	NE 1/4	22	5	18	131	No Till
G-074644	NE 1/4	35	6	17	68	No Till
G-074706	NE 1/4	8	5	18	155.2	No Till
G-074748	NW 1/4	29	7	18	100	No Till
G-074785	NW 1/4	27	6	20	151	No Till
G-074967	SW 1/4	34	5	16	156	No Till
G-076064	NE 1/4	24	7	18	143	No Till
G-076517	lots pt 7, 9-11;14-15 pt 16	7	5	17	255	No Till
G-076518	East	18	5	17	135	No Till
G-076519	lots 1, 2, 7, & 8	30	5	17	135	No Till
G-076520	SW 1/4	18	5	18	135	No Till
G-077075	SE 1/4	13	8	18	146	Minimum Till
G-077982	NW 1/4 of SE 1/4	25	7	16	150.76	No Till
G-078200	SE 1/4	12	8	13	131	No Till
G-078372	SW 1/4 of NE 1/4	25	7	16	65	No Till
G-079410	SW 1/4 of SE 1/4	4	7	16	55.5	No Till
G-081367	SW 1/4	32	6	16	180	No Till

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Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-082100	SE 1/4	11	7	16	109	No Till
G-082130	SE 1/4 of NW 1/4	5	7	16	235	No Till
G-082492	NW 1/4	33	5	16	65	No Till
G-083302	SW 1/4	17	7	17	74	No Till
G-083341	N 1/2 of NW 1/4	4	6	17	66	Minimum Till
G-083514	lots 9, 10, 15, & 16	30	5	17	163	No Till
G-084401	NW 1/4	27	7	18	148	No Till
G-084575	NE 1/4	18	6	18	160	No Till
G-085981	NW of NW 1/4	24	8	18	110	Minimum Till
G-086015	SW 1/4	13	5	19	148	No Till
G-086432	NW 1/4	4	6	16	143	No Till
G-086436	SW 1/4	16	7	17	145	No Till
G-086858	NW 1/4	36	5	19	125	No Till
G-087415	NE 1/4	33	7	20	162	No Till
G-087522	NW 1/4	14	5	17	131	No Till
G-087842	NW 1/4	1	6	21	88	No Till
G-088223	SE 1/4	6	7	16	72	No Till
G-088498	SW 1/4	5	6	19	78	No Till
G-088499	NE 1/4	33	8	17	134	No Till
G-088500	SE 1/4	33	8	17	134	No Till
G-089768	NE 1/4	10	6	20	146	No Till
G-090257	SE 1/4	10	5	18	83	No Till
G-090649	NE 1/4	19	5	19	130.9	No Till
G-090906	SW 1/4	26	8	17	137	No Till
G-091242	NE 1/4	21	5	17	60	No Till
G-091279	SE 1/4	22	6	20	107	No Till
G-091431	SW 1/4 of NE 1/4	35	7	16	60.16	Minimum Till
G-09150	SE 1/4	12	5	19	21.1	No Till
G-091575	NE 1/4	18	5	18	135	No Till
G-093751	SE 1/4	34	7	18	130	No Till
G-094233	NE 1/4	31	5	19	81	No Till
G-094234	SE 1/4	31	5	19	163	No Till
G-095253	SW 1/4 of SE 1/4	5	7	16	54	No Till
G-095680	NE 1/4	18	5	18	130	No Till
G-095777	SW 1/4 of SE 1/4	14	7	16	120	No Till
G-096952	NW 1/4	31	5	19	130	No Till
G-096953	SW 1/4	31	5	19	130	No Till
G-097675	NW 1/4	19	8	16	18	Minimum Till
G-097707	NW 1/4	29	8	14	140	Minimum Till
G-100459	NE of NE 1/4	32	6	17	60	Minimum Till
G-106091	SW 1/4 of SW 1/4	5	7	16	54	No Till
G-106128	SE 1/4	36	5	19	138	No Till
G-108717	SE 1/4	26	8	17	137	No Till
G-109792	NW 1/4	19	5	19	132	No Till
G-110137	SE 1/4	35	6	19	131	No Till
G-113080	NE 1/4	18	6	17	150	No Till

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Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-113168	SE 1/4 of SW 1/4	4	7	16	6	No Till
G-113765	NW 1/4	3	6	18	130	No Till
G-114016	NE 1/4	13	6	19	14	No Till
G-115304	SE	7	5	19	127	No Till
G-115347	SW 1/4	35	5	17	125	No Till
G-116684	West	18	5	17	135	No Till
G-116848	SW 1/4	23	5	19	131	No Till
G-119178	NW 1/4	16	7	20	142	No Till
G-119626	SE of SE 1/4	36	5	18	66	No Till
G-119660	NE 1/4	36	7	19	88	No Till
G-119670	NW 1/4	25	5	19	157	No Till
G-120087	Cent of SW 1/4	6	5	19	67	No Till
G-120533	NW 1/4 of NW 1/4	32	7	16	148	No Till
G-121515	NW of SE 1/4	21	7	19	65	No Till
G-125286	SW of SW 1/4	19	6	17	82	No Till
G-125287	NW	24	6	18	57	No Till
G-125420	SE 1/4	19	8	16	75	Minimum Till
G-125421	SW 1/4 of NE 1/4	7	7	16	65	No Till
G-126121	SE1/4	18	7	19	130	No Till
G-126616	NW 1/4	12	5	18	194	No Till
G-126657	NW of NW 1/4	25	6	17	141.5	No Till
G-126845	NW of SE 1/4	11	6	19	72	No Till
G-126846	SE 1/4 of SE 1/4	30	7	16	140	No Till
G-127327	SW 1/4 of NE 1/4	24	7	16	52.78	No Till
G-127903	NW of NE 1/4	18	7	18	126	Minimum Till
G-127904	NE of NW 1/4	29	7	18	10	Minimum Till
G-128350	NE of NE 1/4	26	5	17	63	Minimum Till
G-128351	SW of SE 1/4	26	5	17	107	Minimum Till
G-129049	SW 1/4	23	6	20	78	No Till
G-129056	NE of NE 1/4	32	5	18	133.5	No Till
G-129246	Cent of NE 1/4	5	6	17	135	No Till
G-129257	NW of NW 1/4	21	6	19	137	No Till
G-129356	NE 1/4	16	6	18	78	No Till
G-129448	NE of NW 1/4	17	7	18	90	No Till
G-129577	SW 1/4	28	6	19	65	No Till
G-129695	NW of SW 1/4	25	5	18	66.6	No Till
G-129696	NW 1/4	14	7	19	125	No Till
G-129768	NE of SW 1/4	36	5	18	100	No Till
G-129872	NW of NE 1/4	17	7	18	30	No Till
G-130184	SW 1/4 of SE 1/4	33	7	16	142	No Till
G-130452	NE of NW 1/4	17	6	18	125	No Till
G-130559	SW of SW 1/4	3	6	17	22	No Till
G-130665	SW of SW 1/4	20	7	18	125	No Till
G-130755	SE of NW 1/4	21	6	17	130	No Till
G-130799	NE of SE 1/4	23	7	19	125	No Till
G-130920	SE of NE 1/4	14	6	17	135	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-131016	SW of SW 1/4	25	5	16	130	No Till
G-131168	SE 1/4	21	6	17	110	Minimum Till
G-131463	SE	21	7	18	130	No Till
G-131571	NE of SE 1/4	20	7	20	140	No Till
G-131663	SE 1/4	25	7	18	135	No Till
G-131813	SE 1/4	13	7	19	31	Minimum Till
G-132157	NW 1/4 & pt SW	13	6	20	243	No Till
G-132241	NE 1/4 of SW 1/4	26	7	16	149.77	Minimum Till
G-132340	SE 1/4	13	6	20	135	No Till
G-132512	NE of NE 1/4	7	6	19	130	No Till
G-132529	SW 1/4 of NW 1/4	30	7	16	147	No Till
G-132544	SE of SE 1/4	7	6	17	65	No Till
G-132613	SE 1/4	24	7	19	120	No Till
G-132645	SW 1/4	25	7	19	90	No Till
G-132769	NW of SW 1/4	32	7	18	130	No Till
G-132798	NE of NE 1/4	17	6	17	66	No Till
G-132975	SW 1/4 of SE 1/4	7	7	16	54	No Till
G-132977	NW 1/4 of SW 1/4	5	7	16	33	No Till
G-132978	SW 1/4 of SW 1/4	7	7	16	58	No Till
G-132979	NW 1/4 of NW 1/4	5	7	16	30	No Till
G-132996	SW of NW 1/4	5	6	17	65	No Till
G-133038	NE 1/4	9	6	18	130	No Till
G-133274	SW 1/4	1	6	19	73	No Till
G-133370	SW of SW 1/4	19	7	20	136	No Till
G-133385	SW of SW 1/4	18	7	19	144.02	Minimum Till
G-133416	NW of NW 1/4	8	6	17	65	No Till
G-133471	SE of NW 1/4	27	6	17	71.43	Minimum Till
G-133504	NE 1/4	5	6	20	147.9	No Till
G-133633	NW of NE 1/4	19	7	19	144.14	Minimum Till
G-133634	NW of SE 1/4	14	7	20	141.61	Minimum Till
G-133724	SW of SW 1/4	22	6	17	41.79	Minimum Till
G-133725	NW 1/4 of NE 1/4	26	7	16	149.77	Minimum Till
G-134076	SW of NW 1/4	17	5	19	150	No Till
G-134259	NE 1/4	14	7	19	90	Minimum Till
G-134566	NW of NW 1/4	6	6	18	114	No Till
G-135942	SE of SE 1/4	8	6	18	120	No Till
G-135943	NW of NE 1/4	23	7	20	140.12	Minimum Till
G-137402	S1/2 of SW 1/4	14	7	16	130	No Till
G-137447	NW1/4 SW 1/4	28	7	16	135	No Till
G-137702	NE1/4	16	7	18	25	No Till
G-137937	SW 1/4	36	8	17	132	No Till
G-138534	NE 1/4	29	6	17	151	Minimum Till
G-139271	NW 1/4 NW 1/4	25	7	16	120.35	Minimum Till
G-139527	NW1/4	35	7	18	80	No Till
G-142531	SE 1/4	31	5	16	56	Minimum Till
G-146199	NE1/4	16	5	17	130	No Till

Appendix C: Tri-Basin NRD Platte Basin No Till Acres - 2020

Well Reg	SubSection	Section	TShip	Range	Irrigated Acres	Tillage
G-147457	NW 1/4	31	7	17	142	Minimum Till
G-149618	SW 1/4	19	7	18	120	No Till
G-149890	NE1/4 of SE1/4	5	7	16	15	No Till
G-151663	SW 1/4	36	7	19	62	No Till
G-153081	NW 1/4	23	8	17	67	Minimum Till
G-164549	NE 1/4 of SW 1/4	10	7	16	156.38	Minimum Till
G-165018	NE 1/4	12	5	18	168	No Till
G-165675	NW 1/4	21	5	17	59	No Till
G-167695	SE 1/4	3	6	20	132	No Till
G-169498	NE 1/4	13	6	19	266	No Till
G-169903	N 1/2 of NW 1/4	16	5	19	65	No Till
G-171471	NW 1/4	23	7	19	65	No Till
G-172798	NE 1/4	6	6	19	80	No Till
G-174557	NE	35	7	19	132	Minimum Till
G-175830	SW 1/4 of SE 1/4	7	7	16	35	No Till
G-175850	NE 1/4	2	5	18	105	No Till
G-178984	SW of NW	4	5	19	40.42	No Till
G-186194	SW 1/4	17	8	16	34	Minimum Till
					87,042.1	

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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								

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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							

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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							

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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						

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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								

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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					

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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									

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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							

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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						

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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						

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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 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	712.1			
\$/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				

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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				

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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				

Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

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					

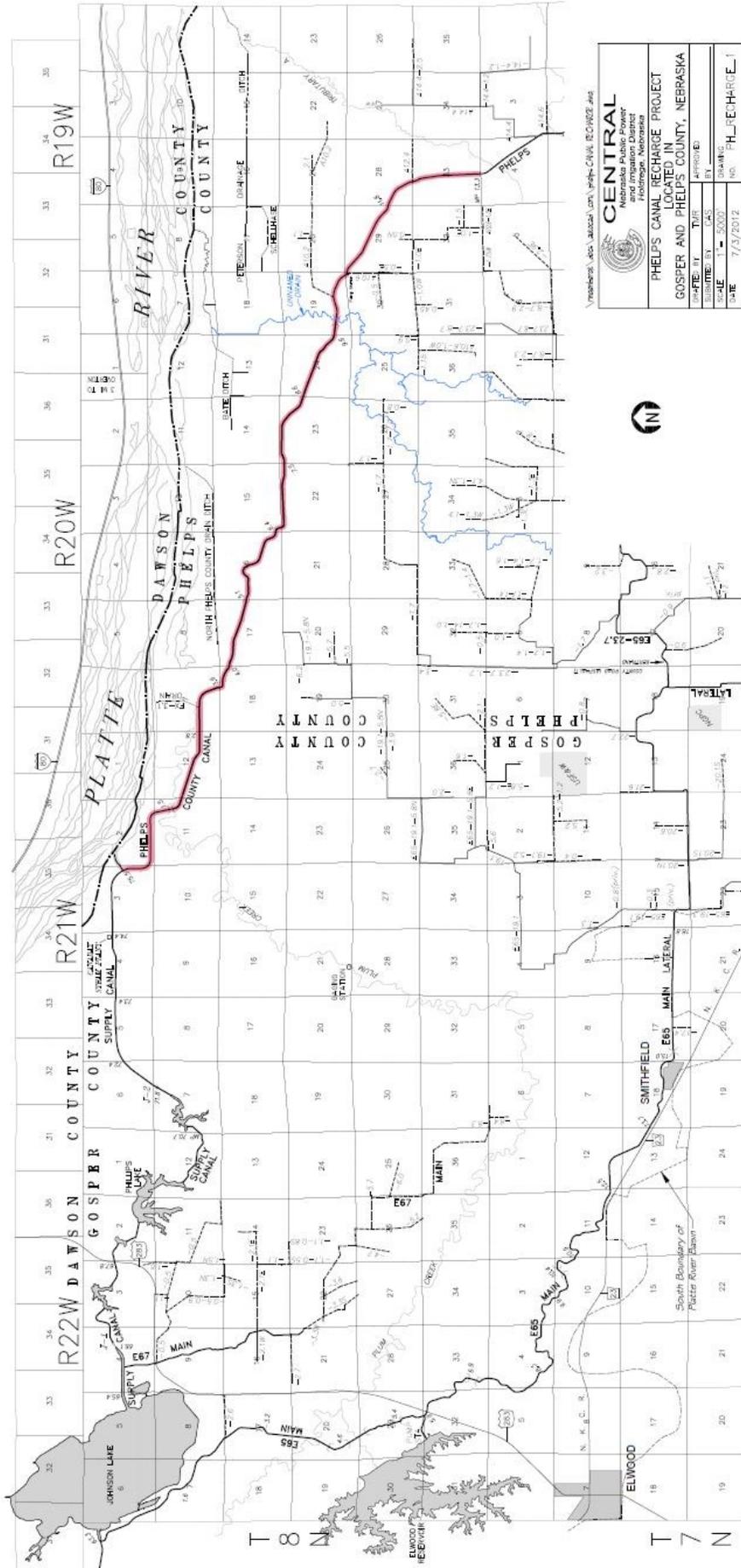
Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

2020 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	
Elwood Reservoir Diversions						
AF, in						
\$/af						
\$/other						
Notes						
Elwood Releases						
AF, in						
\$/af						
\$/other						
Notes						
E65 Canal						
AF, in	465.5	698.3			253.9	380.8
\$/af	46.26	46.26			46.26	46.26
\$/other						
Notes	E65 Canal re-charge down to MP 23.7-0.3-TBNRD under contract #1150, 60/40 split TBNRD/DNR	E65 Canal re-charge down to MP 23.7-0.3 -DNR under contract #1150, 60/40 split TBNRD/DNR			E65 Canal re-charge down to MP 23.7-0.3-TBNRD under contract #1150, 60/40 split TBNRD/DNR	E65 Canal re-charge down to MP 23.7-0.3 -DNR under contract #1150, 60/40 split TBNRD/DNR
Phelps Canal						
AF, in				910.40		
\$/af				32.87		
\$/other						
Notes				9-25-19 WSA w/ PRRIP, Diversions down to MP 13.3		
Funk Lagoon						
AF, in						
\$/af						
Notes						
Funds						
Total \$	\$21,534.03	\$32,303.36	\$30,766.20	\$29,924.85	\$11,745.41	\$17,615.81
PRRIP				\$29,924.85		
NDNR		\$32,303.36				\$17,615.81
TBNRD	\$21,534.03		\$30,766.20		\$11,745.41	
NGPC						

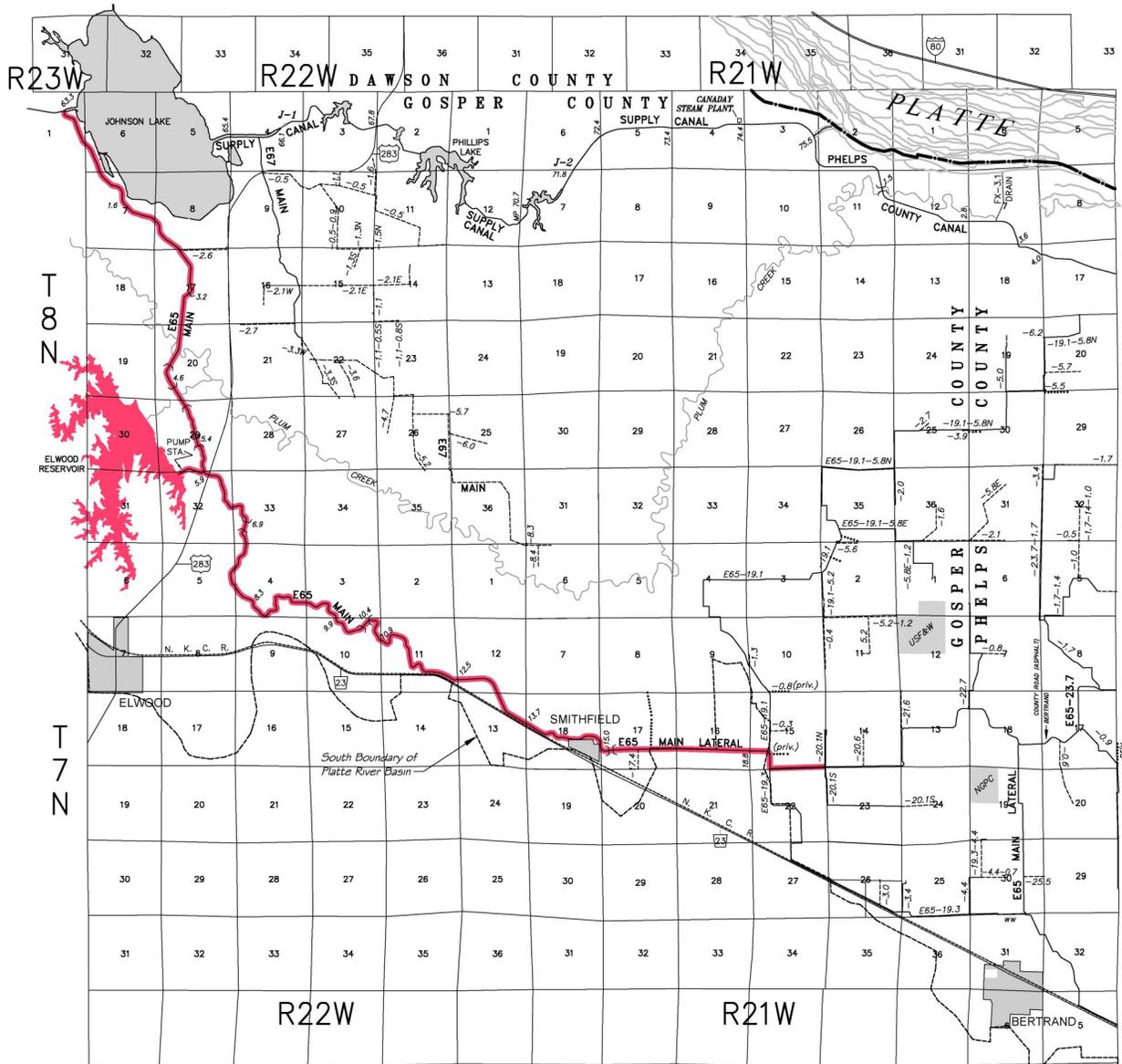
Appendix D: CNPPID Groundwater Recharge Diversions Summary - 2020 Platte Basin

2020 (Cont.) Dates of Recharge Diversion	7-20-20 to 9-22-20	9-21-20 to 9-22-20	11-17-20 to 12-3-20	Total
Elwood Reservoir Diversions				
AF, in				35731.2
\$/af				
\$/other				
Notes				
Elwood Releases				
AF, in				0
\$/af				
\$/other				
Notes				
E65 Canal				
AF, in				0
\$/af				
\$/other				
Notes				
Phelps Canal				
AF, in		20.90	1054.40	0.00
\$/af		32.87	32.87	
\$/other				
Notes		9-25-19 WSA w/PRRIP, Diversions down to MP 13.3	9-25-19 WSA w/ PRRIP, Diversions down to MP 13.3	
Funk Lagoon				
AF, in				0
\$/af				
Notes				
Funds				
Total \$	NA	\$686.98	\$34,658.13	\$0.00
PRRIP		\$686.98	\$34,658.13	\$2,474,063.04
NDNR				\$4,805,557.16
TBNRD				\$3,892,154.61
NGPC				\$1,663,764.56

Appendix D: Phelps Canal Recharge Map - 2020 Platte Basin



Appendix D: Elwood Reservoir & E65 Canal Recharge Map - 2020 Platte Basin



LEGEND

— EXCESS FLOWS RECHARGE

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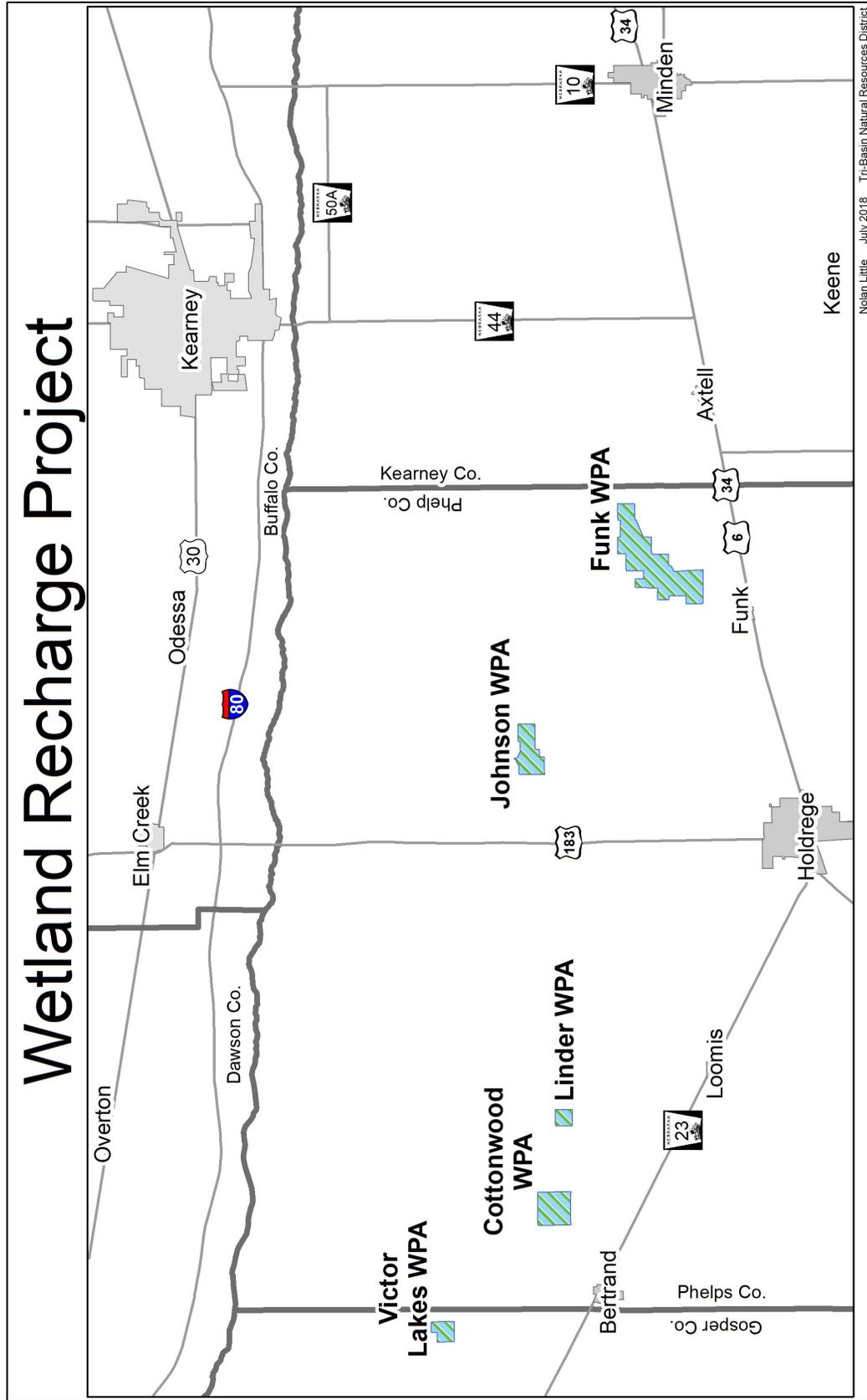


CENTRAL
Nebraska Public Power
and Irrigation District
Holdrege, Nebraska

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

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

Appendix E: Wetland Recharge Project Map - 2020 Platte Basin



Nolan Little July 2018 Tri-Basin Natural Resources District

Appendix F: North Dry Creek Augmentation Pumping - 2020 Platte Basin

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
2020	6712.21	66.33	1,801,125

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
2020	3220.13	1033.74	28,070,176

Appendix G: Tri-Basin NRD Water Conservation Incentive Program

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).

Appendix G: Tri-Basin NRD Water Conservation Incentive Program

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.

Appendix H: Tri-Basin NRD Water Conservation Incentive Program Expansion

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).

Appendix H: Tri-Basin NRD Water Conservation Incentive Program Expansion

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.