
2025 Annual Report of Integrated Water Management Activities in the Platte Basin Within Tri-Basin NRD



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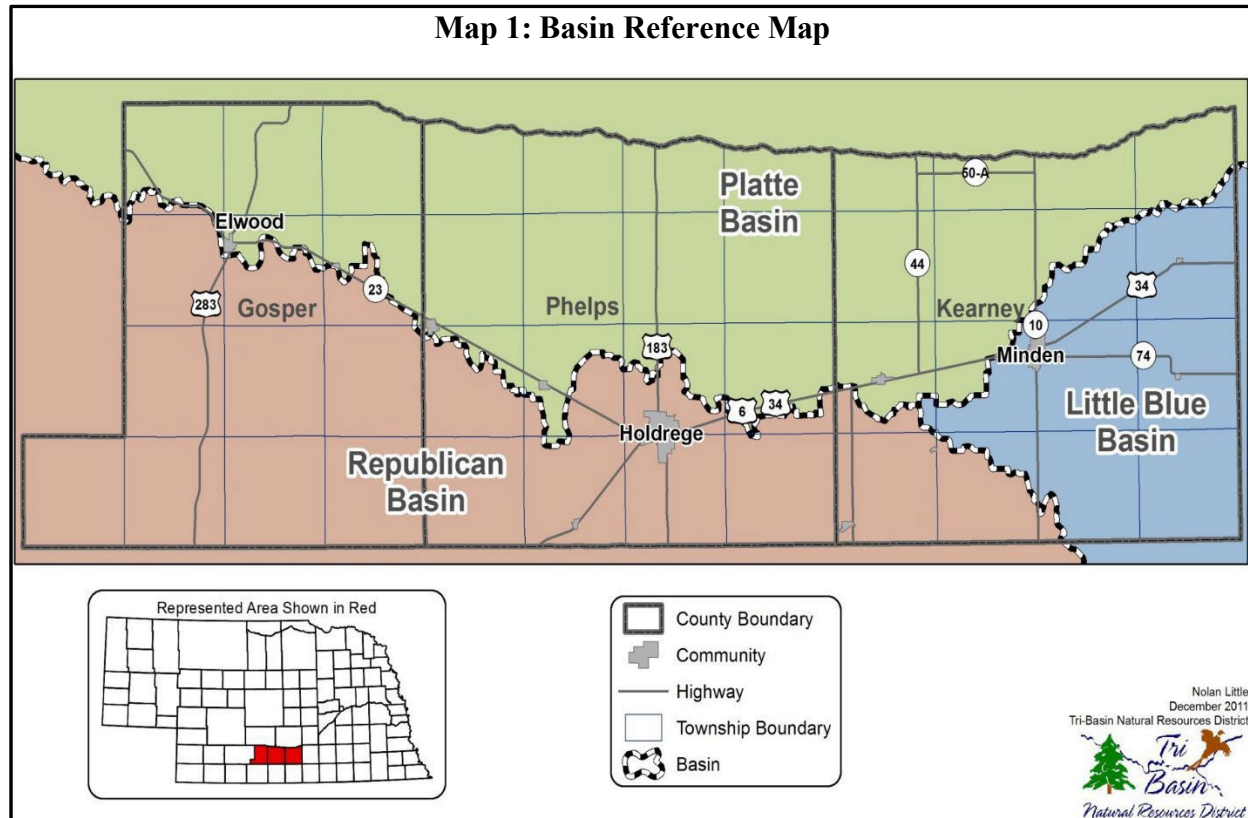
July 2026

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 2025 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, “predevelopment,” 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 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) during the 1980s and 1990s 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

TBNRD 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, 2025, of 298,983.27 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							
County	Year	Groundwater	Co-Mingled	Surface	Environ mental	Off Set Acres	Total Certified Acres
Gosper	2016	25,189.50	10,469.07				35,658.57
	2017	25,177.71	10,473.49				35,651.20
	2018	24,556.14	11,075.78				35,631.92
	2019	24,419.96	11,216.16				35,636.12
	2020	24,331.29	11,627.28				35,958.57
	2021	19,033.81	11,775.99	5,148.78			35,958.58
	2022	19,191.80	11,797.26	5,256.11			36,245.17
	2023	19,171.80	11,868.39	5,127.19			36,167.38
	2024	19,173.23	11,863.56	5,126.42			36,163.21
	2025	19,156.87	11,861.75	5,126.42			36,145.04
Phelps	2016	89,104.05	78,277.00				167,381.05
	2017	89,247.25	78,136.85				167,384.10
	2018	88,292.43	79,026.45				167,318.88
	2019	88,606.56	78,712.01				167,318.57
	2020	88,378.00	78,859.37				167,237.37
	2021	77,478.46	78,848.66	10,762.33			167,089.45
	2022	76,874.07	78,850.63	10,762.33	592.60		167,079.63
	2023	76,874.11	78,855.95	10,692.39	592.60		167,015.05
	2024	76,444.38	79,681.73	10,388.38	592.60		167,107.09
	2025	76,516.54	79,772.16	10,252.49	592.60	.90	167,134.69
Kearney	2016	72,219.45	23,455.16				95,674.61
	2017	72,247.65	23,312.60				95,560.25
	2018	71,646.36	23,913.89				95,560.25
	2019	71,733.58	23,841.55				95,575.13
	2020	71,766.58	23,841.55				95,608.13
	2021	65,820.98	24,528.69	5,332.66			95,682.33
	2022	65,715.28	24,962.07	5,127.58			95,804.93
	2023	65,610.66	24,962.07	5,199.79			95,772.52
	2024	65,643.09	24,942.93	5,200.42			95,786.44
	2025	65,633.09	24,870.03	5,200.42			95,703.54
District Wide	2016	186,513.00	112,201.23				298,714.23
	2017	186,672.61	111,922.94				298,595.55
	2018	184,494.93	114,016.12				298,511.05
	2019	184,760.10	113,769.72				298,529.82
	2020	184,475.87	114,328.20				298,804.07
	2021	162,333.25	115,153.34	21,243.77	592.60		299,322.96
	2022	161,781.15	115,609.96	21,146.02	592.60		299,129.73
	2023	161,656.57	115,686.41	21,019.37	592.60		298,954.95
	2024	161,260.70	116,488.22	20,715.22	592.60		299,056.74
	2025	161,306.50	116,503.90	20,579.33	592.60		298,983.27

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, TBNRD rules require that the number of certified acres that can be transferred be limited or pro-rated 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, 2025, TBNRD approved 5 certified irrigated acre transfers in the Platte Basin. A total of 80.76 certified irrigated acres were involved in these transfers. Data regarding the location and number of acres associated with each transfer can be found below in **Table 2**.

TABLE 2: Platte Basin Transfer Acres				
NRD Permit Number	Legal Description	New Irrigated	Legal Description	Acres Dried Up
TBAT-0449	Section 21 - 8 - 19 W	2.76	Section 13 - 6 - 17 W	2.76
TBAT-0450	Section 20 - 7 - 16 W	10	Section 13 - 7 - 17 W	6.27
TBAT-0451	Section 13 - 7 - 17 W	35	Section 13 - 7 - 17 W	35
TBAT-0453	Section 35 - 8 - 18 W	10	Section 13 - 7 - 17 W	10
TBAT-0465	Section 13 - 8 - 17 W	23	Section 21 - 8 - 17 W	23

- 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, 2025, and December 31, 2025. TBNRD allows CNPPID customers to pump groundwater into canals to supplement surface water diversions when necessary. Such permits are temporary and must be renewed annually. No Temporary Groundwater Transfer Permits were issued by TBNRD in 2025. Data regarding groundwater transfers can be found in **Table 3** below.

TABLE 3: Groundwater Transfers					
NRD Permit Number	Legal Description	Acres	Well Reg Number	Well ID #	Transfer Type
GWT-0365	Section 2 - 6 - 19 W		G-045549	118572	Permanent

V. WELL CONSTRUCTION PERMITS

- A. Since 1989, TBNRD has required landowners to secure well construction permits before they drill a well capable of pumping more than 50 gallons per minute. TBNRD issues three categories of well permits: new well permits, conditional replacement well permits, and replacement well permits. *There were 4 replacement permits issued in 2025

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	
Replacement irrigation	4
Conditional replacement irrigation - supplemental to groundwater	
Conditional replacement irrigation - supplemental to surface water	
Dewatering (streamflow augmentation)	
New commercial/industrial	
Domestic/Other (over 50 gpm)	

- B. TABLE 4: TBNRD Well Permits (above) is a breakdown of well permits that TBNRD issued in the Platte Basin between January 1, 2025, and December 31, 2025. A detailed listing of well permits issued by TBNRD in 2025 is found in TABLE 5 (below).

TABLE 5: Well Permit Summary			
NRD Permit Number	Legal Description	Well Reg Number	Well Permit Type
TBRP-G021409_2	Section 36-8- 20	G-021409	Replacement Well
TBRP-G047283	Section 5-7- 15	G-047283	Replacement Well
TBRP-G068810	Section 7-7- 18	G-068810	Replacement Well
TBRP-G033527	Section 31-8- 17	G-033527	Replacement Well

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, 2025, and December 31, 2025.

TBNRD allows for corrections to certified irrigated acres by providing proof showing a history of irrigation between 1997 and 2005. These acres were not previously included in the TBNRD database, because they were not 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 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. In 2025 there were two variances, one allowing less than 3 certified irrigated acres to be transferred and one accepting a one-year voluntary allocation.

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 2025. A summary of Municipal Water Use may be found in **TABLE 6** (page 9) 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 2025, landowners reported data from 520 flowmeters in the Platte Basin. Thirty-two of those 520 wells were reported as not used in 2025. An additional 36 supplemental wells that were used reported little use, less than 1.5 inches. Of the wells that were used, farmers reported that they pumped 45,972 acre-feet of groundwater on 62,585.5 certified irrigated acres. That results in an average application of 8.81 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 Nebraska Department of Water, Environment, and Energy (NDWEE) for purposes of Republican River Basin Compact Administration accounting. Platte Basin flowmeter data is included in **Appendix B** (page 15).

IX. WATER BANKING ACTIVITIES

TBNRD initiated the Water Conservation Incentive Program (WCIP) in 2018 (see program summary in **Appendix E**, page 33). 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 are provided with credit accounts that track available water use credits for participating fields. Sign-up for the 2025 irrigation season concluded on April 1st. Tri-Basin received no applications for groundwater WCIP contracts in the Platte Basin in 2025.

A “commingled option” was added to the WCIP in 2019 (see commingled option in **Appendix E**, page 31). This option is particularly targeted at owners of fields that have access to both CNPPID canal water and 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 maximize surface water use and minimize groundwater use, to enhance groundwater recharge. For this reason, the option has a ranking system that prioritizes incentives to parcels located in areas with groundwater declines. Twenty-seven commingled WCIP contracts were written in 2025 affecting 4047.91 acres in the Platte Basin some of which were reenrolled.

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 9,551 acre-feet of water from the Platte River into Elwood Reservoir in Gosper County in 2006. Additional diversions have been made regularly over the past twenty years, including 2021, when Nebraska Department of Natural Resources (NDNR) and TBNRD paid CNPPID \$188,110 to divert 6646 acre-feet into Elwood Reservoir, Victor Lakes WPA and E-65 Canal. Diversions in 2025 were 4,910.4 acre-feet, which created a total of 147,630.7 acre-feet of water diverted from 2006-2025. 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. CNPPID is no longer providing TBNRD with data. They are only sharing data directly with NDWEE.

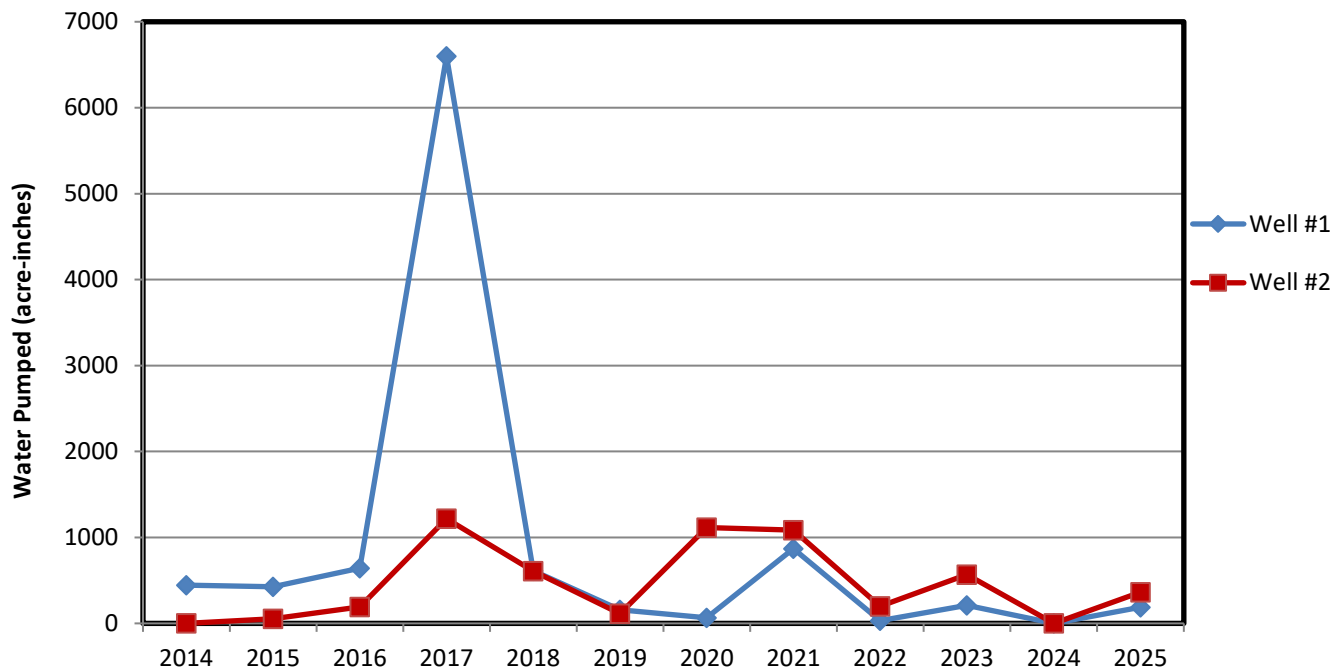
Tri-Basin NRD and NDNR provided \$1,301,775 of local, state and Water Resources Cash Funds to the Rainwater Basin Joint Venture and CNPPID to construct pipelines from CNPPID canals to five federally owned wetlands (Victor Lakes, Cottonwood, Linder, Johnson, and Funk WPAs). (see **Appendix C**, page 34) 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).

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 many occasions when the Platte is flowing above target levels. 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. Each well can pump as much as 1250 gallons per minute. A study of the augmentation wells' impacts, conducted by HDR Engineering in 2014 and commissioned by TBNRD and NDNR, 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 1**, below).

Graph #1 Tri-Basin NRD North Dry Creek Augmentation Well Pumping



Tri-Basin NRD, PRRIP and NDNR initiated a streamflow augmentation and recharge re-timing project at Cottonwood Ranch in northwest Phelps County in 2021. Seven wells were drilled to the north and west of PRRIP's recharge cells at that site. The wells have capacities ranging from 400 to 800 gallons per minute. PRRIP's existing demonstration well on the Cook property has subsequently been integrated into the project as well. Although the wells were tested in 2022, due to some delays in construction of pipelines from the wells, the project didn't become fully operational until March 2023. Tri-Basin operates the augmentation wells on behalf of PRRIP and NDWEE. Possible additional well construction is being evaluated. 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 327.070 acre-feet of water pumped into the Platte River near Kearney in 2025 through a wastewater pipeline from the KAAPA ethanol plant near Axtell. This pipeline was constructed in 2008. The total discharge in 2025 was 106,576,200 gallons.

Irrigated land was temporarily retired in TBNRD during 2025 through 2 contracts totaling 16.9 irrigated acres that were enrolled in 2025 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 79,111 certified irrigated acres in the Platte Basin portion of the district during 2025. It is estimated that no-till or minimum tillage practices have been adopted on at least 98,374.43 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 24,593.61 acre-feet of water was conserved in the Platte Basin in TBNRD in 2025 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 has accrued 2040 acre-feet per year of depletion offset credit from its participation in this project. This credit remained in place through 2021. Funds set aside for this project were re-purposed to provide funding for excess flow diversions into the CNPPID system, as well as providing the opportunity to conduct other water conservation-related activities.

Tri-Basin NRD and Central Platte NRD reached an agreement in 2013 that will enable TBNRD to compensate CPNRD in return for accruing credit from Platte baseflow enhancements that result from rehabilitation of three irrigation canal systems in Dawson County. In 2014, CPNRD provided 512 acre-feet of water to offset depletions caused by groundwater irrigation in TBNRD. No offset water credit has been provided under this agreement since that time, but the agreement remains in effect until 2033.

XI. GROUNDWATER LEVELS

TBNRD has an extensive network of 138 dedicated groundwater observation wells (75 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 CNPPID’s well network 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 upon request from the TBNRD office.

Table 6: Platte Basin Municipal Water Use Data														
	Year	January	February	March	April	May	June	July	August	September	October	November	December	Year Total
Axtell	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	2,668,700	2,185,500	86,291,500
	2021	2,299,800	2,258,300	2,262,600	3,861,500	5,424,400	13,903,400	11,587,900	10,636,800	8,164,300	5,333,900	2,118,100	2,194,200	70,045,200
	2022	2,208,000	2,139,300	3,083,300	7,209,500	7,657,600	12,870,500	13,080,500	13,780,200	10,480,700	6,049,800	2,946,700	2,315,800	83,821,900
	2023	2,302,800	2,169,200	2,259,800	4,042,400	7,527,500	11,012,500	11,462,500	12,927,700	10,021,100	5,292,800	2,470,100	2,453,700	73,942,100
	2024	2,699,900	2,344,100	2,525,800	3,926,500	4,992,000	11,184,000	11,568,500	12,086,200	12,274,200	9,743,500	2,373,400	2,496,800	78,214,900
	2025	2,812,200	2,415,800	2,434,200	5,518,800	12,885,300	12,984,400	11,455,200	11,520,000	6,826,700	4,725,000	2,342,500	2,065,000	235,978,900
Bertrand	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
	2021	5,592,000	5,206,000	5,170,000	6,432,000	8,712,700	17,522,700	14,316,300	16,740,400	10,647,600	9,763,000	5,140,000	5,656,000	110,898,700
	2022	5,737,000	5,018,000	5,746,000	11,971,800	12,737,100	16,538,900	18,566,500	20,561,200	14,515,200	11,472,000	6,315,000	6,096,000	135,274,700
	2023	5,982,000	4,746,000	4,725,000	9,757,100	10,635,000	13,554,800	12,665,400	16,117,400	13,863,600	8,537,500	4,546,000	5,055,000	110,184,800
	2024	5,671,000	4,914,000	5,491,000	7,308,700	7,999,100	15,368,400	14,512,500	13,112,500	14,616,400	12,764,500	6,012,000	6,307,000	114,077,100
	2025	6,388,000	5,969,000	6,375,000	10,624,400	15,243,600	12,889,600	14,203,900	16,144,100	10,462,700	10,724,900	7,115,000	7,007,000	123,147,200
Elwood	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
	2021	4,970,000	3,165,000	4,758,000	5,572,300	7,655,000	17,342,800	16,254,200	15,234,800	11,136,000	8,213,500	5,750,400	5,631,700	105,683,700
	2022	5,943,500	4,998,100	5,207,800	10,018,300	13,061,500	18,744,700	13,931,500	18,799,700	14,389,100	8,388,600	4,549,900	11,277,800	129,310,500
	2023	4,311,000	4,698,000	4,809,700	6,885,000	6,899,000	13,005,400	14,442,200	11,716,000	12,677,400	6,164,000	3,832,500	5,478,000	94,918,200
	2024	6,526,000	3,240,400	4,795,600	6,553,100	8,436,200	12,930,200	12,157,900	12,808,400	10,697,000	10,645,800	4,833,800	4,486,300	98,110,700
	2025	4,547,200	4,548,500	4,690,700	8,613,000	9,018,600	12,906,000	11,438,900	11,291,400	9,200,100	7,520,000	3,746,300	4,523,300	92,044,000

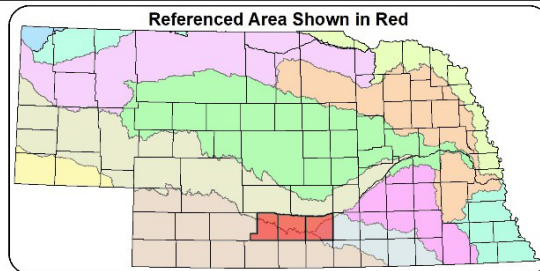
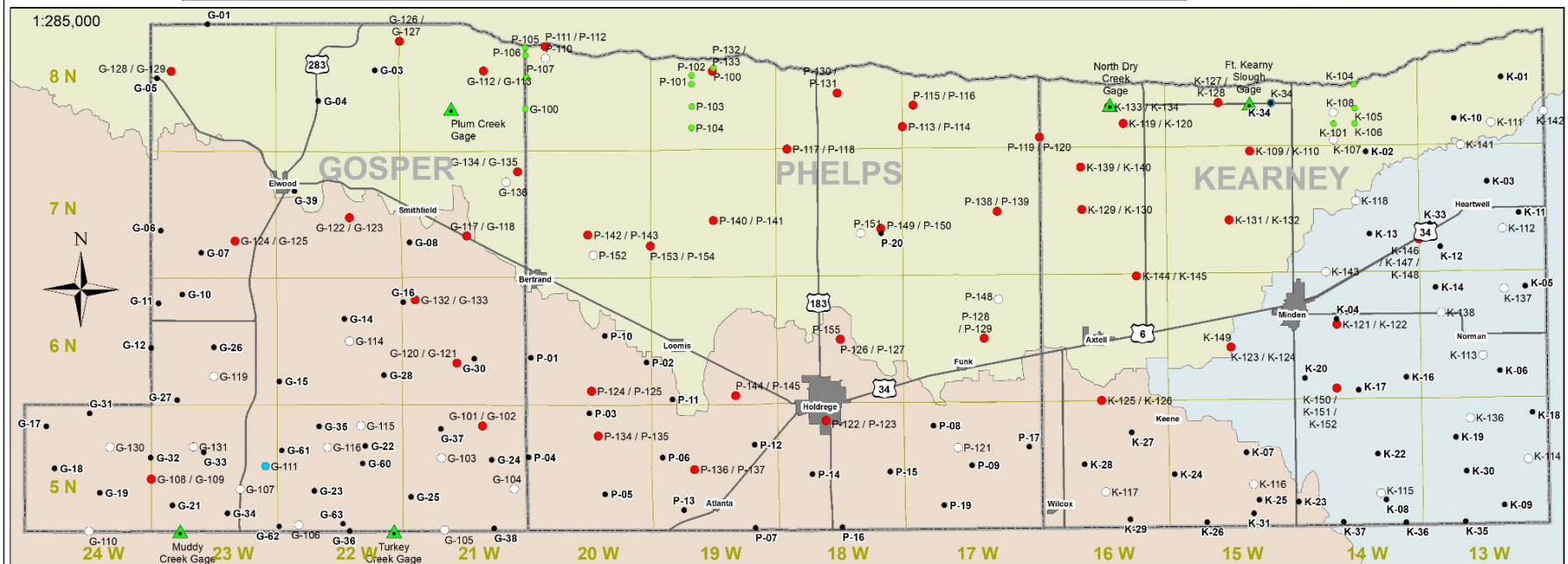
Table 6: Platte Basin Municipal Water Use Data														
	Year	January	February	March	April	May	June	July	August	September	October	November	December	Year Total
Funk	2016	1,239,000	1,121,000	1,368,000	1,195,000	908,000	3,739,000	3,584,000	3,240,000	1,375,000	1,176,000	615,000	539,000	20,099,000
	2017	581,000	503,000	592,000	608,000	795,000	1,998,000	3,786,700	1,670,300	2,294,000	1,080,000	912,100	1,296,000	16,116,100
	2018	1,820,000	1,624,000	1,960,000	1,803,000	1,703,000	5,737,000	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	2,708,800	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	4,164,800	3,953,000	3,314,600	1,727,600	1,177,000	31,696,900
	2021	1,125,600	1,148,800	1,261,700	2,074,800	1,396,900	4,014,600	2,936,900	2,921,400	2,589,000	1,797,100	1,085,000	1,169,100	23,520,900
	2022	983,500	1,077,200	1,265,400	1,493,100	3,250,700	3,727,100	6,032,200	1,626,400	3,098,200	1,801,800	994,800	1,082,200	26,432,600
	2023	343,800	1,193,700	1,894,900	1,153,700	4,824,000	2,483,700	2,644,500	4,096,000	3,038,800	1,928,300	1,048,900	998,100	25,648,400
	2024	1,395,700	1,062,700	1,234,400	1,092,100	1,488,200	1,800,100	4,494,800	2,910,600	3,167,200	3,543,700	1,404,100	1,494,300	25,087,900
	2025	1,439,400	1,587,900	1,282,300	1,864,800	3,111,600	2,815,800	3,469,600	2,454,500	2,095,400	2,237,000	906,800	976,200	24,241,300
Loomis	2016	1,066,000	1,119,000	1,362,000	2,828,000	1,952,000	7,843,000	6,982,000	7,775,000	5,093,000	4,769,000	1,995,000	1,254,000	44,038,000
	2017	1,522,000	823,000	1,835,000	3,033,000	3,124,000	9,538,000	9,616,000	2,699,000	6,351,000	2,228,000	1,401,000	653,000	42,823,000
	2018	1,440,000	1,282,000	1,235,000	1,432,000	4,451,000	6,398,000	6,346,000	4,138,000	3,901,000	1,944,000	1,084,000	1,342,000	34,993,000
	2019	1,086,000	972,000	986,000	1,273,000	1,579,000	2,621,000	5,587,000	5,196,000	5,656,000	2,152,000	1,181,000	1,165,000	29,454,000
	2020	1,143,000	1,058,000	1,170,000	2,031,000	3,304,000	7,559,000	6,338,000	11,240,000	7,536,000	4,471,000	1,690,000	1,585,000	49,125,000
	2021	1,411,000	1,532,000	1,764,000	2,228,000	3,813,000	8,872,000	7,088,000	9,758,000	5,456,000	3,571,000	1,829,000	1,598,000	48,920,000
	2022	1,574,725	1,268,725	881,725	4,769,725	5,210,725	7,737,725	7,011,725	9,318,725	6,165,725	4,199,725	1,348,725	1,097,725	50,585,700
	2023	1,371,467	1,153,467	1,112,467	2,884,467	5,144,467	4,984,467	5,265,467	7,153,467	5,078,467	3,573,467	962,467	689,467	39,373,604
	2024	1,255,790	1,073,340	1,158,780	1,425,780	4,043,280	6,224,710	6,697,360	4,869,590	6,091,090	5,214,670	1,128,290	1,224,220	40,406,900
	2025	1,375,480	870,620	1,631,130	3,973,670	6,095,750	6,862,010	5,169,490	6,527,680	3,684,200	3,121,510	1,366,530	1,516,290	42,194,360
Smithfield	2016	178,100	79,200	93,100	182,300	210,600	189,900	1,028,800	1,173,700	386,200	290,500	164,400	180,700	4,157,500
	2017	121,600	151,200	127,700	128,900	236,000	489,300	725,400	267,900	375,100	168,400	162,000	99,600	3,053,100
	2018	160,800	82,400	113,300	199,800	254,200	393,900	436,600	271,700	248,000	207,100	131,600	202,300	2,701,700
	2019	99,900	201,800	156,500	152,000	254,900	259,300	230,900	412,700	183,700	164,400	143,300	109,700	2,369,100
	2020	145,300	164,000	173,400	179,600	261,800	570,500	483,300	488,700	775,100	682,200	258,200	288,800	4,470,900
	2021	160,700	244,600	214,500	240,400	346,800	534,400	309,600	632,200	367,600	404,200	267,800	314,300	4,037,100
	2022	402,700	123,300	164,400	384,400	292,600	301,000	519,500	561,600	308,200	320,000	157,500	130,000	3,665,200
	2023	142,100	134,600	127,600	224,800	393,500	385,600	289,400	486,900	385,900	239,800	105,300	117,100	3,032,600
	2024	137,200	130,600	112,500	204,200	143,000	542,100	529,000	672,300	514,000	248,100	91,500	122,500	3,447,000
	2025	139,500	121,800	101,700	344,600	313,000	476,400	325,300	666,800	343,200	392,300	378,700	132,600	3,735,900

Table 7: Platte Basin Industrial and Commercial Water Use Data				
Well Reg	Well ID	Owner	Legal Description	Gallons Used
G-071961	80123	Mosaic of Axtell	Section 15-6-16	0
G-071962	80124	Mosaic of Axtell	Section 15-6-16	0
G-073205	81395	Nebraska Public Power District	Section 4-8-21	95,122,000
G-073875	82215	Village of Bertrand	Section 6-6-20	24,468,800
G-076515	85080	Lakeside Golf Club	Section 8-8-22	16,200,000
G-076780-R1	124121	Lakeside Golf Club	Section 8-8-22	21,600,000
G-080853	89509	Nebraska Public Power District	Section 4-8-21	1,820,000
G-087812	99723	Rusty's Fertilizer Inc	Section 21-8-18	1,130,400
G-092923	102854	Central Nebraska Public Power & Irrigation District	Section 4-8-22	45,663,781
G-093253	106683	Wolfden Dairy	Section 28-8-16	1,642,500
G-093254	106684	Wolfden Dairy	Section 28-8-16	1,642,500
G-095842	112013	Aurora Co-Op	Section 19-7-20	950,000
G-116982	141058	KGLD, LLC -- Awarii Dunes	Section 11-7-16	26,720,000
G-122576	151178	Bullhead Point Assoc- Water Supervisor	Section 5-8-22	16,296,000
G-123753-R1	194279	KAAPA Ethanol, LLC	Section 13-6-16	113,308,400
G-123754-R2	210900	KAAPA Ethanol, LLC	Section 13-6-16	556,400
G-124061	152898	KAAPA Ethanol, LLC	Section 13-6-16	1,999,000
G-134413-R1	194280	KAAPA Ethanol, LLC	Section 13-6-16	41,119,700
G-139944	171644	Fort Kearny Consolidated	Section 6-7-14	0
G-147025	188561	Paul Johnson & Sons	Section 10-7-20	6,141,070
G-156977	199850	Central Nebraska Public Power & Irrigation District	Section 7-8-21	330,605,166
G-159762	210850	Tri-Basin NRD - Nolan Little	Section 27-8- 16	5,063,949
G-165728	219082	Fort Kearny Consolidated	Section 5-7- 14	40,791,600
G-165729	219083	Fort Kearny Consolidated	Section 5-7- 14	4,784,200
G-173880	234693	Tri-Basin NRD - Nolan Little	Section 5-7- 16	11,390,831
G-177447	238330	Loomis Pork LLC	Section 19-7-19	839,000
G-177982	239716	Olsen Cattle Co LLC	Section 5-6- 15	4,430,000
G-178735	240687	Tri-Basin NRD - Nolan Little	Section 10-8- 20	43,205,272
G-181488	243777	KAAPA Ethanol, LLC	Section 13-6-16	111,035,000
G-194761	266792	Tri-Basin NRD - Nolan Little	Section 9-8- 19	127,361,220
G-194762	266793	Tri-Basin NRD - Nolan Little	Section 10-8- 19	153,381,812
G-194763	266795	Tri-Basin NRD - Nolan Little	Section 10-8- 19	406,707,724
G-194764	266814	Tri-Basin NRD - Nolan Little	Section 17-8- 19	458,504,793
G-194765	266798	Tri-Basin NRD - Nolan Little	Section 14-8- 19	90,545,284
G-194766	266803	Tri-Basin NRD - Nolan Little	Section 11-8- 19	98,901,928
G-194767	266804	Tri-Basin NRD - Nolan Little	Section 11-8- 19	410,792,228
G-197419	273014	CNPPID	Section 4-8-22	162,722,495
				2,877,443,053

Map 2: Dedicated Groundwater Observation Wells

Tri-Basin Natural Resources District

Static Water Measurement Wells



- Irrigation Well
- Transect Well
- Nested Well
- Single Well
- Other Well
- Community
- Highway
- County Boundary
- Township
- Little Blue Basin
- Republican Basin
- Platte Basin
- ▲ Stream Gauge

Observation Well Stats:

- 93 Sites
- 43 Nested Wells
- 137 Data Loggers
- 12 Hour Interval

Irrigation Well Stats:

- 10 Platte Basin
- 21 Little Blue Basin
- 59 Republican Basin
- 90 Measured Wells
- Spring & Fall

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
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Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
A-005254	805	152.00	34,147,000	
A-005527	1006	136.70	35,053,900	
A-005544-R1	113944	152.00	56,739,800	
A-005573-R1	203922	81.00	20,638,700	
A-005616	1053	154.00	34,224,901	
A-005637	1064	140.00	34,485,308	
A-005727-R1	247613	90.00	26,239,996	
A-005806	156476	125.00	48,665,941	
A-005851-R2	234961	156.40	27,340,000	
A-005964B-R1	182843	116.00	27,526,824	
A-005987	1325	73.90	23,500,100	
A-006272	124857	140.00	35,734,392	
A-006470	1647	130.00	46,748,326	Permanent GWT
A-006862	1917	148.00	31,891,100	
A-007012-R1	2028			Well NOT Used 2025
A-007219	263005	168.00	37,171,925	
A-007398-R1	219835	139.50	39,896,829	
A-008164-R1	174548	100.00	27,154,000	Series Wells; 2 Wells, 2 Meters. Meter did not run 2025, estimate usage
G-000273-R1	98237	127.00	35,922,841	
G-000533	3831	126.00	15,087,033	
G-000559-R1	262531	97.00	15,035,984	Platte basin well, waters into Rep. basin
G-000597-R1	207683	135.00	32,273,343	
G-000671-R1	3992	300.00	75,048,600	
G-001136-R1	238751			WCIP Contract 2025_PHS_020 Well NOT Used 2025
G-001152	4544			Supplemental Well ** Well NOT Used 2025
G-001169	4563	149.00	46,188,600	
G-001228-R1	92085	73.00	91,508,000	
G-001374-R1	222615	135.00	31,988,300	
G-001498	4954	245.15	15,774,000	Platte basin well, waters into Rep. basin.
G-001705	5190	150.00	48,200,522	50 ac alfalfa
G-002216-R1	166014	143.00	55,272,800	
G-002383-R1	128836	132.00	28,465,266	
G-002482	6081	134.00	7,611,266	
G-003468	7201	77.00	46,510,600	
G-004871	8801	80.00	16,518,049	
G-004955-R1	8893	148.00	32,350,200	
G-005097-R1	114236	151.30	29,853,650	
G-005392	9390			Supplemental well, Well NOT Used 2025
G-005408	9407			WCIP Contract 2025_PHS_025 [120 contract acres] Well NOT Used 2025
G-006383	10549	138.00	7,360,091	Cost Share Meter - [Reporting requirement thru 2025]
G-006457	10635	158.00	30,787,748	
G-006536	10727	22.00	4,647,950	
G-007340-R1	162706	130.00	41,125,200	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-007342-R1	162707	119.00	43,016,200	
G-007488-R1	11845	150.00	9,668,650	Grandfathered Meter reads in Acre Feet
G-007764	12171			WCIP Contract 2025_PHS_023. Well NOT Used 2025
G-007950	183667	120.80	24,158,913	May 2025 - A one-year Voluntary Allocation on this well for a total of 1089 inches over the field.
G-008178	12651	130.00	27,195,817	
G-009462	14164	70.00	14,641,000	Supplemental Well
G-009596	14319	147.00	27,585,100	
G-010388-R1	213868	65.00	15,930,437	
G-011357-R1	16352	115.00	32,100,915	
G-012318	17473	137.00	29,882,000	
G-012651-R1	191520	67.00	17,014,424	
G-013097-R1	121819	132.00	23,521,300	Supplemental Well
G-013423-R1	209336	260.00	35,122,069	
G-013652	18997	153.30	2,078,910	WCIP Contract 2024_KE_S004 [120 contract acres]
G-013974	19370	135.60	30,782,317	
G-014026	19432	146.00	3,128,200	Supplemental Well Permanent GWT
G-014735-R1	20244	78.00	16,495,240	
G-016206	21928	146.00	19,128,906	
G-016446-R1	22203	130.00	27,284,339	
G-016616-R1	169839			
G-016633	22408	75.00	29,609,300	
G-016869	22679		144,459	Well Used to Water Cattle
G-017090-R1	172826	131.60	45,033,822	
G-020238	26443	150.20	27,724,234	
G-020681	26927	133.60	19,674,702	
G-020831	27090	120.00	30,504,260	
G-021172	27458	93.00	26,429,900	Platte basin well, waters into Rep. basin
G-021193	27482	139.00	28,811,480	
G-021609-R1	258322	151.00	49,701,595	
G-021830-R1	163082			Supplemental Well - Well NOT Used 2025
G-022286	28646	30.00	7,111,361	
G-022438	28804	135.00	40,125,194	
G-022950	29350	130.00	35,792,500	
G-022962-R1	227608	120.00	52,069,800	
G-023266	29683	149.00	29,103,600	
G-023268-R1	241542	62.00	23,033,380	
G-023479	29912	135.00	49,658,800	
G-023572	30014			Supplemental Well ** Well NOT Used 2025
G-023615	30058	155.00	39,650,800	
G-024078-R1	98512	150.35	68,281,900	
G-024220	30697	130.00	636,000	Supplemental Well
G-024329	30809	76.00	1,070,682	
G-024483-R1	30966	132.43	43,741,292	WCIP Contract 2021_PH_P1

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-024606-R1	228630	105.00	29,038,400	
G-024787-R1	97572	150.00	26,071,096	
G-024986	31500	130.00	10,900,973	WCIP Contract 2025_PHS_026 [100 contract acres]
G-025069	31589	151.00	49,203,048	Estimate Required - Platte Basin Well waters into Republican
G-025152	31677	125.00	19,360,258	
G-025207	31736	127.00	13,794,200	
G-025550	32099	139.00	41,343,322	WCIP Contract 2025_PHS_004 [143 Contract acres] -- New Meter
G-025703-R1	242435	151.50	38,477,218	New Remote Reading Meter July 2025
G-025703-R1	242435	151.50	6,094,000	
G-025803	32369	140.00	34,327,800	
G-026446	33051	130.00	40,791,281	
G-027184	33850	140.00	30,775,000	
G-027484-R1	225652	135.00	4,849,432	Supplemental Well T526
G-028077	34788	146.00	48,988,000	
G-028109-R1	34822	109.00	36,163,425	
G-028636	35400	132.00	37,867,200	
G-028660-R2	160179	145.00	1,007,700	WCIP Contract 2025_PHS_016. Supplemental well
G-028765-R1	35540	142.00	38,263,244	2012 meter changed to 10" - reads in 1000 {shows incorrectly on totalizer}
G-028884	35667	140.00	49,319,200	
G-029347	36156	105.00	23,739,000	
G-029951-R1	217569	38.00	15,525,571	
G-030265	37128	50.00	6,860,458	Well sits in section 36, Meter in section 25 measures only 50 gravity acres
G-030496	37375	130.00	35,892,700	
G-030668-R1	164677	135.00	62,518,800	Supplemental Well
G-030676	37576	130.00	27,745,957	
G-030705	37605	148.00	36,646,300	
G-030936-R1	176011	120.00	22,990,000	
G-031102	38030	150.00	27,847,000	
G-031153	38092	155.00	5,791,000	WCIP Contract 2025_KES_011
G-031354	38311	140.00	32,646,000	Platte basin well, waters into Rep. basin
G-031657	38620	62.00	5,319,600	
G-031862-R1	170685	147.50	39,809,100	
G-031885-R1	168468	149.90	47,173,558	Meter at well at Pivot. New meter, changed beginning reading to 0
G-032220	39203	145.00	23,281,568	
G-032221	39204	21.00	6,080,595	
G-032462-R1	166009	124.00	35,535,500	
G-032999-R2	189200	65.00	15,965,194	
G-033196-R1	158873	130.00	34,619,992	
G-033788	40819	147.20	12,701,800	
G-033845	40877	132.00	37,793,000	
G-034024	41062	85.00	35,406,000	Platte basin well, waters into Rep. basin
G-034034-R1	93086	65.00	7,861,200	
G-034439	41489	130.00	41,091,605	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-034522	41576			
G-034601	41656	70.00	14,063,700	
G-034607-R1	95424	191.00	44,612,121	
G-034763	41826	142.00	7,554,242	Supplemental Well
G-034808	41871	134.00	70,416,000	Estimate Required - Platte basin well waters into Rep. basin.
G-035001-R1	246956	151.00	47,936,856	
G-035025	241335		146,168,000	
G-035027	42096	116.70	3,423,700	WCIP Contract 2024_PH_S001
G-035028	42097	154.80	48,949,800	
G-035046-R1	149129	94.80	59,183,200	
G-035210-R1	42287	132.00	31,214,337	
G-035230-R1	209844	100.50	34,630,582	
G-035840-R1	221855			WCIP Contract 2025_PHS_015. Supplemental well. Well NOT Used 2025
G-036171-R1	217862	148.00	34,581,162	
G-036219-R1	213455	75.00	35,004,221	
G-036220-R1	204099	53.70	23,900,950	
G-036447-R1	203726	135.00	46,885,500	
G-036476	43608	144.00	31,535,569	
G-036585	43719	44.90	5,976,052	Acres reported on Water Use Rprt are metered acres only, additional acres watered with well not required to be metered at this time. Meter sits at pivot point
G-036677	43812	130.00	49,405,345	
G-037041	44181			
G-037482	44633	152.00	34,907,281	
G-037931-R1	227572	140.00	30,412,480	Estimated Usage -Meter not working 2025
G-038167-R2	209014	134.00	36,470,700	
G-038172	45343	130.00	49,493,867	
G-039054	46251	119.00	18,049,263	
G-039106	46304	128.00	22,378,800	
G-039190	265700	156.00	41,520,909	
G-039297	46502	300.86	1,994,000	WCIP Contract 2025_PHS_024
G-039421	46631	145.00	41,708,000	
G-039572	46786	77.90	46,378,488	
G-039663-R1	199851	100.00	31,053,000	
G-040337	47575	145.00	25,572,700	
G-040399	168063	95.00	25,796,300	Estimated Usage -- First year reporting NOT required;
G-040839	48087	118.00	27,214,824	
G-041057	48311	14.00	6,811,852	
G-041183	48439	154.00	49,828,800	
G-041329-R1	219361	136.00	47,842,089	Meter Not Required
G-041350	48611	127.00	36,360,292	
G-041369-R1	188563	66.00	33,319,500	
G-041374	48636	141.00	17,567,008	WCIP Contract 2021_GO_P1
G-041637	48904	59.70	14,354,690	
G-041826	49107	157.80	45,277,300	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-041978-R1	222393	230.00	9,587,534	
G-041996-R1	228128	17.00	5,072,095	
G-042019	49302	145.00	19,686,650	Estimated Usage
G-042824	50125	159.94	37,312,700	
G-042992-R1	198737	135.00	20,499,600	
G-043275-R1	50593	137.00	31,928,216	
G-043276-R1	169041	148.00	49,237,533	
G-043366-R1	127238	83.00	23,310,300	
G-043639	50973	120.00	57,050,282	
G-043853	51191	126.00	46,129,215	
G-043947	51286	136.00	37,077,500	Platte basin well, waters into Rep. basin
G-044047	51391	135.00	20,455,654	
G-044222	51568	165.00	7,907,000	
G-044232	51578	80.00	30,044,000	
G-044570	51919	130.00	35,000,000	Estimate Required - Platte basin well, waters into Rep. basin.
G-044608	51959	132.00	49,232,800	
G-044680	52031	141.00	35,910,893	
G-044746	52097		45,625,700	
G-044799	52151	123.00	32,887,567	
G-044918	52271	150.47	63,886,301	
G-045284	52644	135.00	32,557,837	
G-045549-R1	118572	136.00	46,116,600	Series Well Two Wells working together to feed 2 Pivots. EQIP Contract.
G-046380	53760	135.00	26,702,157	
G-046434	53847	157.00	42,167,400	Platte basin well, waters into Rep. basin
G-048424	55885	111.00	30,138,600	Platte basin well, waters into Rep. basin
G-049528	57016	133.00	26,986,200	
G-049567-R1	221186	146.00	47,169,213	
G-050030	272604	135.00	26,907,984	
G-050941	58466	17.00	6,001,034	Meter reads in acre inch but reads as xxx.xxx because it is a 4" pipe. From our inspection, meter isn't working - estimated avg.
G-051075	196934	147.00	19,797,166	WCIP Contract 2025_KES_009 Supplemental well
G-053420	60983	160.00	48,579,320	
G-053760	61332		53,046,000	
G-053870	61445	150.00	33,919,400	
G-054523	62111	150.00	33,391,000	
G-055251	263060	166.30	74,384,500	
G-055382-R1	172201	156.70	44,434,100	
G-055521	63130	137.00	108,649,127	
G-056004	63618	102.50	12,135,800	
G-056497	64132	135.00	53,199,573	
G-056606-R1	64243	133.00	38,262,500	
G-057082	64744	134.00	24,505,000	
G-057112	64775	135.00	43,726,629	
G-057282	64950	150.00	3,369,900	WCIP Contract 2024_KE_S001

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-057427-R1	222051	187.00	46,390,000	
G-058508	66218	136.00	36,945,189	
G-059102	66816	135.40	21,456,276	
G-059592	67347	149.26	27,263,300	
G-059676	67433	57.30	18,193,723	
G-060270-R1	254482	62.00	25,253,220	Estimated Usage 15"
G-060768	68553	136.16	35,275,761	WCIP Contract 2023_PH_G004
G-060797-R1	212228	130.00	24,890,985	
G-061063-R1	213557	240.00	51,742,761	
G-061501-R1	221352	152.00	34,974,600	
G-061654	69490	138.50	32,008,800	
G-061946	69783	128.00	39,983,900	
G-063158	71057	153.77	34,584,600	
G-063177	71076	138.68	44,740,288	
G-063232	71133	150.00	35,251,500	
G-063877	71796	91.00	22,734,700	
G-063968	71890	130.00	53,040,179	
G-064069	71993	65.20	19,816,800	
G-064756	72722	77.21	22,694,200	
G-064840	72808	145.00	63,105,700	
G-065598	73589	130.00	40,957,032	
G-066150	74154	130.00	41,342,300	
G-066270	74279	134.00	32,747,724	Estimated Usage - could not read due to moisture
G-066404	74421	130.00	33,822,479	
G-066511	74530	149.20	5,564,600	
G-066511	74530	149.20	41,898,622	Remote Reading Meter put on in May 2025
G-067478	75541	95.00	25,493,532	
G-067820	75893	135.00	33,451,700	
G-067926	76002	129.61	5,817,900	WCIP Contract 2021_PH_S001 Permanent GWT
G-067939-R1	176352	149.00	43,332,081	
G-067960	76038	132.00	81,297,600	
G-068188	76269	131.00	25,234,000	
G-068235	76316	127.00	31,773,981	
G-068317	76399	173.30	38,765,321	
G-068903	77028	134.80	14,830,400	
G-068938	77063	135.00	16,808,326	
G-069457	77609	240.00	33,176,214	
G-069510	235769	142.00	25,668,404	
G-069536	77689	130.00	81,867,000	
G-069613	77769	315.00	62,188,090	Supplemental Well
G-070512	264615	153.00	38,717,530	
G-070731	78892	158.20	39,669,000	
G-070802	78963	145.00	31,279,000	Platte basin well, waters into Rep. basin

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-070946	79107			Well NOT Used 2025
G-071177-R1	225427	133.00	35,603,781	
G-071178-R1	162859	146.80	30,136,000	
G-071179	79340	120.00	35,708,000	
G-071541	79703	130.00	27,178,167	
G-072455-R1	206053	132.00	20,199,860	
G-072667	80855	151.42	36,360,563	
G-072681	80869	7.00	4,538,900	
G-073172	81360	72.00	27,361,999	
G-073798	82134	140.00	30,866,223	
G-073863	82203	150.00	14,890,600	Series Wells; - 2 Wells, 2 Meters
G-074144	82484	134.00	35,649,400	
G-074176	82517	130.00	40,963,166	
G-074256	82601	73.00	20,169,300	
G-074282	82627	140.00	47,472,000	
G-074365	82710	127.00	36,657,900	Estimate Required - Platte basin well, waters into Rep. basin.
G-074392	82739	66.00	12,844,700	
G-074662	83011	105.00	42,111,700	
G-075211	83698	262.02	29,697,243	New in 2025
G-077557	86175	150.00	38,247,495	WCIP Contract 2022_PH_G003
G-079825	88482	135.00	18,617,400	
G-087842	99647	133.00	29,931,600	Platte basin well, waters into Rep. basin
G-091120	102868	160.31	39,749,800	
G-091407	102859	133.00	47,001,900	Platte basin well, waters into Rep. basin
G-096150	109726	130.00	36,989,993	
G-096555	109842	130.00	23,531,500	
G-096676	112194	130.00	40,190,088	
G-096815	110571	77.00	15,791,137	
G-097100	110814	70.00	3,357,049	
G-097707-R1	236661	143.30	43,561,261	
G-098970	115138	64.00	19,364,603	
G-100388	114419	145.00	40,654,700	
G-109999	128947	225.00	7,475,224	
G-110172	129232	151.78	40,533,600	
G-112031	128014			
G-116457	140343	80.00	25,674,107	Also waters cattle - Approx 4000 gals a day
G-116906	141679	75.00	22,402,050	Estimate Required - Platte basin well, waters into Rep. basin.
G-118169	142719	160.00	45,541,874	
G-119660	146805	88.00	23,045,871	
G-120205	146011	102.00	27,697,080	Estimated Usage [Nov2025] Meter did Not Work
G-121077	147633	152.80	42,360,100	
G-121219	146009	125.00	23,150,300	
G-121766	146008	150.00	34,851,072	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-121894	148344	181.97	34,858,236	meter reads in acre feet - cost share in 2005, voluntary report. John ok'd for now
G-122529	147634	78.00	18,485,000	
G-123303	149183	64.00	25,125,867	Senninger Meter -- Platte basin well, waters into Rep. basin.
G-124617	152724			Supplemental Well NOT Used 2025 - NO multiplier Reads in total gallons
G-125286	152448	77.70	30,943,200	
G-125287	152447	130.00	40,123,600	
G-127496	153919	116.00	24,002,900	
G-127559	155815	135.00	42,019,700	
G-128172	154500	37.50	12,725,500	
G-129241	158555	90.00	23,131,700	
G-129257	160440	137.00	13,046,800	Platte basin well waters into Rep. basin.
G-129577	158376	120.00	27,996,300	
G-129685	156989	144.61	62,775,974	
G-129692	160438	140.00	34,170,200	
G-129992	156535	122.00	24,065,600	
G-130058	154894	100.00	36,090,652	
G-130108	159812			Supplemental Well NOT Used 2025
G-130225	160878	134.00	38,007,200	
G-130382	153921			WCIP Contract 2025_KES_012 Well NOT Used 2025
G-130445	153920			WCIP Contract 2025_KES_013 Well NOT Used 2025
G-130451	154496	133.00	3,213,132	WCIP Contract 2025_PHS_021
G-130559	156326	152.50	40,141,700	
G-130635	159808	130.00	38,463,600	
G-130699	161380	135.10	5,160,600	Supplemental Well
G-130801	154254	130.00	34,187,500	Platte basin well, waters into Rep. basin
G-130835	160697	150.00	31,332,185	Supplemental Well
G-130918	161076	148.00	57,244,600	
G-130920	154393	150.00	43,270,100	WCIP Contract 2025_PHS_027 [150.0 Contract acres]
G-130954	162385	10.00	2,172,900	
G-130969	161430	148.00	4,851,062	Supplemental Well
G-131043	161371	143.00	37,445,200	
G-131271	156876	148.40	12,551,700	WCIP Contract 2025_PHS_018
G-131440	156871	124.00	9,662,000	
G-131490	154924	80.00	27,203,148	
G-131622	155819	100.00	20,922,000	
G-131623	155812	135.00	42,854,900	
G-131624	160071	114.00	50,162,127	
G-131726	162133	150.80	23,861,000	
G-131774	163016	144.00	30,946,900	
G-131925	162127	133.40	3,689,300	WCIP Contract 2024_KE_S002
G-131927	161757	130.00	32,552,900	
G-131930	162388	122.60	38,867,700	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-131950	160591	75.00	3,221,550	WCIP Contract 2025_KES_006 [74.65 contract acres]
G-131951	160590	137.00	9,487,336	WCIP Contract 2025_KES_005 and WCIP Contract 2025_KES_007 [12.0 contract acres]
G-131993	159890	145.00	30,723,300	
G-132158	163442	139.00	31,166,700	
G-132168	160566	135.00	42,360,600	
G-132241	165009	128.00	17,054,069	
G-132339	156879			WCIP Contract 2025_PHS_017. Well NOT Used 2025.
G-132340	156877	134.80	1,643,600	WCIP Contract 2025_PHS_019
G-132341	156875			WCIP Contract 2025_PHS_018. Well NOT Used 2025
G-132344	156789	12.00	9,085,900	
G-132359	160881	133.00	10,189,810	
G-132512	161373	135.00	37,584,300	
G-132514	165545			Supplemental well, NOT Used 2025
G-132515	161839	144.23	8,982,000	WCIP Contract 2025_PHS_022
G-132529	161379	141.50	15,399,500	WCIP Contract 2021_KE_S003
G-132531	161571	140.00	29,144,116	
G-132532	161572	151.12	37,823,400	
G-132544	159256	131.00	23,842,298	
G-132547	159597	145.00	40,233,700	
G-132644	160439	158.00	10,469,800	
G-132663	164229	154.30	39,237,258	
G-132700	165015	132.00	107,615,800	
G-132701	165016	132.00	104,353,500	
G-132733	159884	160.00	41,595,300	
G-132734	164687	115.00	47,366,079	
G-132768	165657	140.00	11,566,600	
G-132769	160567	144.00	55,034,200	
G-132798	159254	130.00	30,906,411	John OK'd to run both well and surface water through Meter. Producer will note if He does. - McCrometer meter with cover and vanes put in 2016.
G-132840	160488	151.00	38,336,017	
G-133038	165739	136.25	23,310,700	
G-133088	157915	130.00	39,011,337	
G-133180	161381	144.70	2,067,000	Supplemental Well
G-133181	161382	141.90	2,889,100	Supplemental Well
G-133233	162390	119.68	38,313,300	
G-133234	161749	125.00	35,992,400	
G-133235	158379	117.00	2,834,900	
G-133352	162136	148.00	52,472,118	
G-133405	165547	120.00	25,361,400	
G-133416	165335	71.50	14,734,500	
G-133421	161383	101.00	27,764,965	
G-133422	161386	125.00	723,300	WCIP Contract 2025_KES_008 Supplemental well

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-133426	165471	65.00	25,210,400	Lagoon water also flows through this same meter and shows in total pumped
G-133471	163782	130.00	26,317,100	
G-133725	162123	130.00	33,651,800	
G-133759	160323	87.00	18,893,210	
G-133929	164406	75.00	17,317,100	
G-133952	166448		3,637,000	Well Used to fill Pond @ MOSAIC
G-134113	166449	111.00	21,266,000	
G-134130	162140	130.00	32,698,032	
G-134132	162139	67.00	31,174,800	
G-134186	166699	10.00	3,031,744	
G-134199	162134	130.00	27,592,808	
G-134206	166528			Well NOT Used 2025
G-134230	166010	63.00	50,876,200	
G-134566	160564	123.00	42,483,800	
G-134706	167566	140.00	1,616,000	
G-134879	162601	65.00	1,531,000	Supplemental Well
G-134880	161156	145.00	9,633,153	WCIP Contract 2025_PHS_002 [150.0 contract acres]. Supplemental well.
G-135119	169328	156.30	27,891,800	
G-135169	166605	130.00	35,187,100	
G-135192	167715			Supplemental well, NOT Used 2025
G-135193	167716	65.00	17,614,300	
G-135213	166040	86.00	18,575,800	
G-135516	169018	116.00	38,568,000	
G-135532	160565	140.00	38,457,100	
G-135822	169468	99.60	39,605,466	
G-135950	161750			Well NOT Used 2025
G-136259	169013	86.00	16,244,200	
G-136650	169774	135.00	60,652,400	
G-136691	165017	135.00	22,814,700	Supplemental Well
G-137318	169448	110.00	17,275,000	
G-137329	169841	134.30	22,882,132	Electronic meter reads total gallons each year pumped. Read flow rate & total gallons through pivot panel.
G-137381	170158	145.00	12,932,092	WCIP Contract 2021_PH_S007 Additional meters at this site are for surface water only
G-137402	170172	135.00	44,097,824	
G-137403	170742	72.00	19,183,200	
G-137447	165018	135.00	25,440,600	Supplemental well
G-137702	169770	133.00	33,863,210	
G-137739	166606	138.00	22,031,669	Supplemental Well
G-137937	172642	134.00	82,983,500	
G-137967	166808	292.00	26,061,400	
G-138203	172442	155.00	54,725,356	
G-138280	162142	64.85	24,332,427	
G-138534	172370	151.00	30,663,654	
G-138594	172862	74.60	4,694,500	Supplemental Well

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-139059	172599	128.00	43,344,200	Added underground and using this well for additional acres.
G-139271	170679	90.00	32,259,800	
G-139360	165336	93.00	25,640,000	Also waters field #7NC.
G-139572	169042	100.00	14,751,800	
G-140012	167002	24.50	8,057,900	
G-140625	172547	137.00	15,295,900	WCIP Contract 2025_KES_003 [48.0 contract acres]
G-141518	173834	68.00	20,650,073	
G-141860	177863	93.00	5,139,322	Supplemental Well
G-142036	170682	122.27	18,603,200	
G-142430	178761	130.00	13,258,400	Supplemental Well - Permanent GWT
G-142530	173630	139.00	34,855,900	
G-142566	178584			Supplemental well, NOT Used 2025
G-142967	178585	215.00	61,630,500	
G-143253	177864			Well NOT Used 2025
G-144298	182757	72.00	11,190,000	
G-144555	181381			Supplemental well, NOT Used 2025
G-144716	182053	150.00	31,094,800	Supplemental Well
G-144783	183104	137.00	18,977,600	
G-144784	180131	76.00	4,177,099	
G-144823	182952	205.00	11,490,900	
G-144980	182209	135.00	29,509,400	
G-145042	183105	100.00	35,350,500	
G-145565-R1	190217	130.00	32,518,272	
G-145863	185009	260.10	21,810,400	Supplemental Well
G-145885	178762	40.00	2,547,200	Supplemental Well
G-145993	183670			WCIP Contract 2025_KES_005 [4.0.0 contract acres]. Well NOT Used 2025
G-146977	180054	90.00	35,161,700	
G-147124	182953	150.00	19,643,300	
G-147456	188634	77.00	17,112,450	
G-147457	188635	142.00	34,308,535	
G-148411	189364	135.31	48,292,100	
G-148565	187309	131.70	22,648,065	
G-148621	191026	75.00	20,345,134	
G-148622	190543	130.00	42,117,400	WCIP Contract 2021_PH_S002
G-148685	188800	125.00	28,178,520	
G-148702	189813	94.00	22,405,851	
G-148722	191249	73.00	11,349,014	
G-148743	187694	130.00	2,986,668	Supplemental Well
G-149188	191318	134.00	65,452,700	
G-149618	192106	132.00	45,436,788	
G-149663	191521	74.00	26,711,661	
G-149890	191025	60.00	3,424,119	Pasture acres Waters only what is needed each year. [approx. total of 50 acres]
G-150891	187697	128.60	4,020,300	WCIP Contract 2025_KES_010 Supplemental well

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-151663	191248	62.00	29,151,991	
G-152478	197495	130.00	9,057,216	Supplemental Well
G-152676	191017	125.00	24,313,420	
G-152707	197427	183.00	11,861,100	Supplemental Well
G-153081	197627	68.00	15,072,370	
G-153624	199985	95.00	26,305,980	
G-157641	202660	115.00	1,664,811	Supplemental Well
G-158114	208108	120.00	37,991,161	
G-159284	208463	162.80	43,425,762	
G-161020	213049	128.00	65,390,900	
G-161031	214156	30.00	7,568,634	
G-161519	208462	67.00	10,079,300	
G-162926	216452	74.50	16,933,505	Supplemental Well
G-164032	219279	155.00	32,177,490	
G-164644	218534	160.00	37,753,563	
G-164765	217905	139.00	32,828,371	
G-165055	220042	143.00	9,624,735	WCIP Contract 2025_KES_010 Supplemental well
G-165537	215283	48.00	5,861,733	
G-165597	218166	75.00	20,619,661	Supplemental Well
G-166011	221015	130.00	23,374,163	
G-166108	222272	67.00	15,106,856	
G-166557	217687	124.00	37,233,836	
G-166720	222354	148.00	28,441,642	
G-167012	221958	31.80	8,882,616	
G-167286	223104	144.00	37,635,444	
G-167416	222557	77.00	20,450,763	
G-167483	224220	108.00	6,582,944	
G-167695	221189	133.00	3,340,756	Supplemental Well
G-167696	221856	130.00	2,171,776	
G-167697	222232	78.00	8,142,941	
G-167700	222753			Well NOT Used 2025
G-167889	222616	76.00	10,019,826	
G-167954	223105	76.00	60,010	Well Used to Water Cattle
G-168005	223141	57.00	5,251,855	
G-168610	217989	143.00	26,663,055	
G-169763	225845	25.00	24,362,900	
G-169866	224583	88.00	22,373,809	
G-170249	228482	122.00	46,294,583	
G-170384	228390	155.00	49,477,846	
G-170397	222559	79.39	3,174,031	WCIP Contract 2025_PHS_001 [5.71 Contract Acres]
G-170400	226797	67.00	25,614,639	
G-171454	229850	81.40	13,162,629	
G-171471	229476	65.00	6,027,800	

Appendix B: Tri-Basin NRD Platte Basin Flowmeter Data for Irrigation Wells - 2025

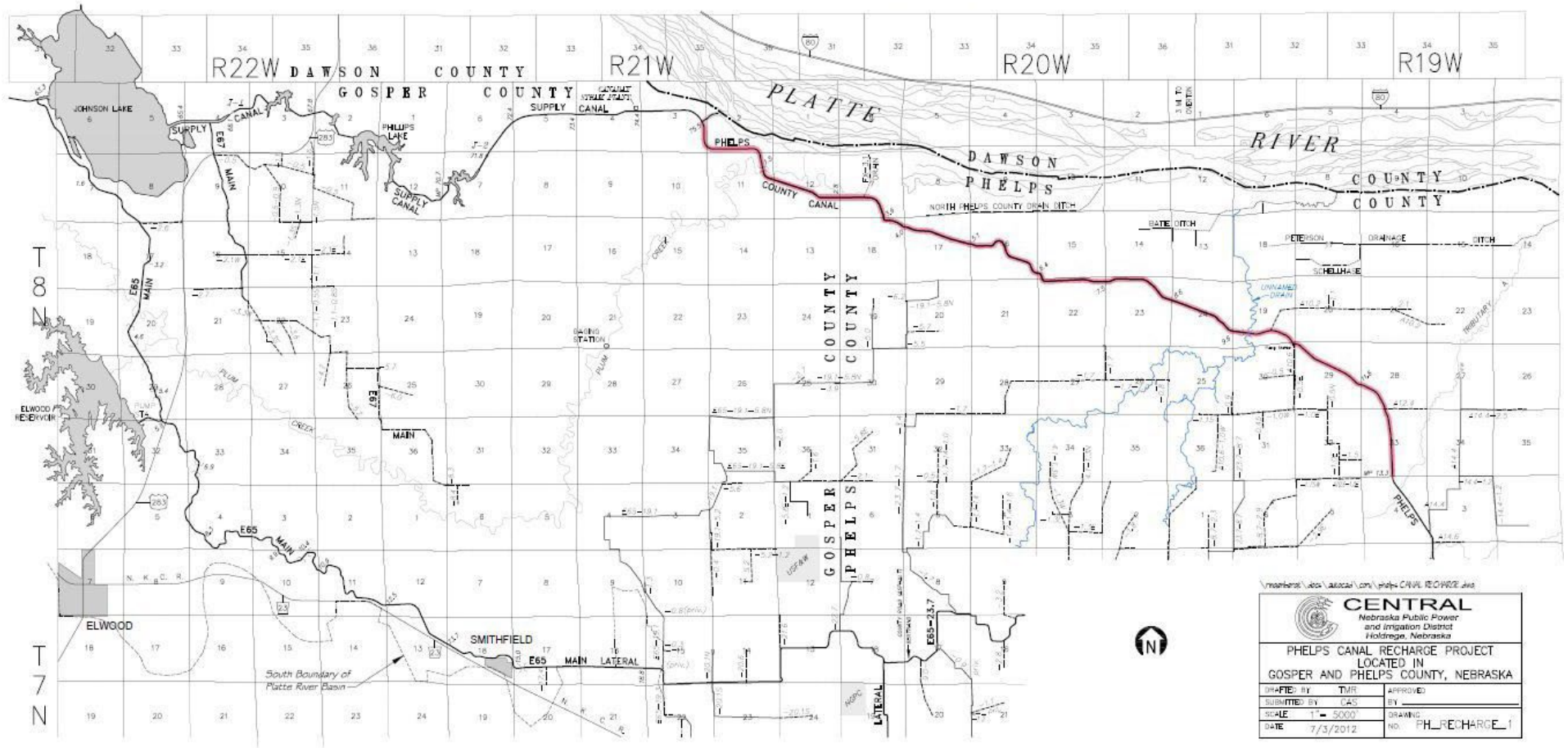
Well Reg	Well ID	Irrigated acres	Gallons Used	Meter Comments
G-171948	228629	143.00	22,863,668	
G-172064	227073			Well NOT Used 2025
G-172337	230621	130.50	4,214,029	Supplemental Well
G-172642	226828	137.00	18,318,359	
G-172798	230409	145.00	11,578,194	Supplemental Well
G-173699	230989	171.00	38,488,079	
G-174251	230397	100.00	7,202,326	Supplemental Well
G-174557	230623	130.00	9,901,434	
G-174591	234579	82.00	6,604,938	
G-174932	232741	108.00	17,397,296	
G-175697	235514	75.00	16,453,423	New Meter for 2025
G-175830	235770	35.00	12,707,800	
G-175946	231156	140.00	3,344,558	
G-175949	236660	108.00	5,471,259	WCIP Contract 2025_PHS_014 [142.0 contract acres]. Supplemental well
G-176126	235952	117.00	3,853,152	
G-176401	236745	15.00	12,128,877	
G-177578	239253	21.40	9,340,161	
G-178033	240120	130.00	7,107,559	
G-178903	240974	132.00	25,084,322	
G-186194	254285	30.00	49,779,200	Water from this well runs thru meter for small gravity field in the summer and to fill pond in the fall and spring.
G-186486	254490	20.00	73,297,878	Fills Duck Pond
G-187210	256486	77.00	18,275,456	
G-187945	257218			Well NOT Used 2025 -Well Purpose for Produce. Small Meter, reads in acre inch to thousand 0.001
G-188663	257035	115.00	8,938,010	
G-189345	259680	97.00	41,464,500	
G-189407	247403	18.00	17,617,786	
G-194313	268259	76.50	31,268,400	
G-194826	269694	125.00	22,958,163	
G-197276	272202	80.30	34,499,700	
G-197292	272201	100.00	38,599,139	
G-197341	273395	70.00	8,922,804	
G-197342	269766	25.00	6,831,403	
G-197643	271393	142.00	58,100,327	Crop: alfalfa 71ac & seed corn 71ac.
G-198584	273673	103.00	18,973,857	
G-198947	269521	64.00	12,400,145	
G-199899	275044	180.00	14,123,881	
G-202646	280915			Well NOT Used 2025
		62,585.50	14,980,046,263	

8.81 IPA

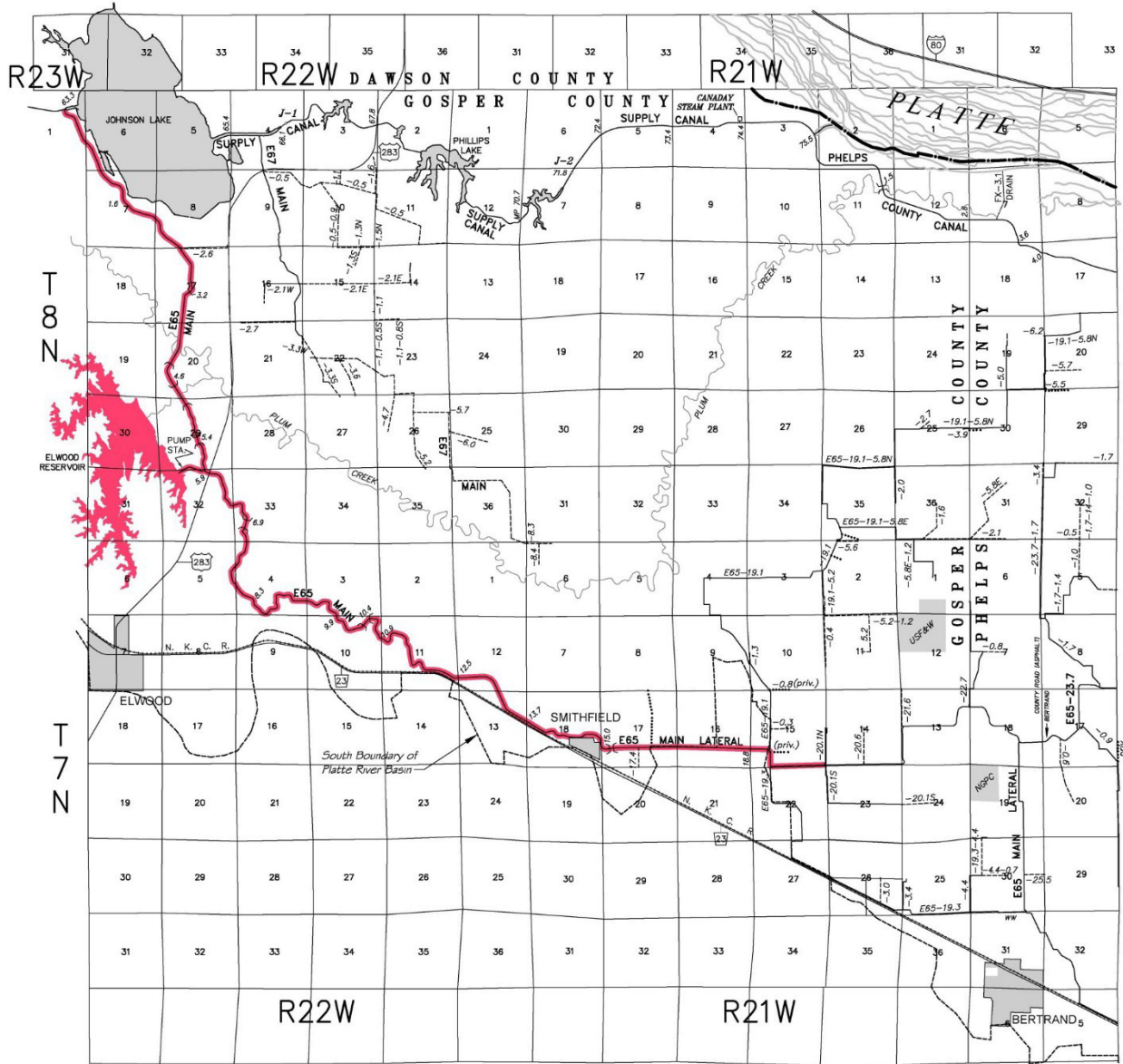
45,972.074 Acre Foot

New data system uses certified acres vs actual acres * Therefore there is no county breakdown or summary.

Appendix C: Phelps Canal Recharge Map



Appendix C: Elwood Reservoir & E65 Canal Recharge Map



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,
GOPHER COUNTY, NEBRASKA

DRAFTED BY TMR

APPROVED

SUBMITTED BY DRF

BY

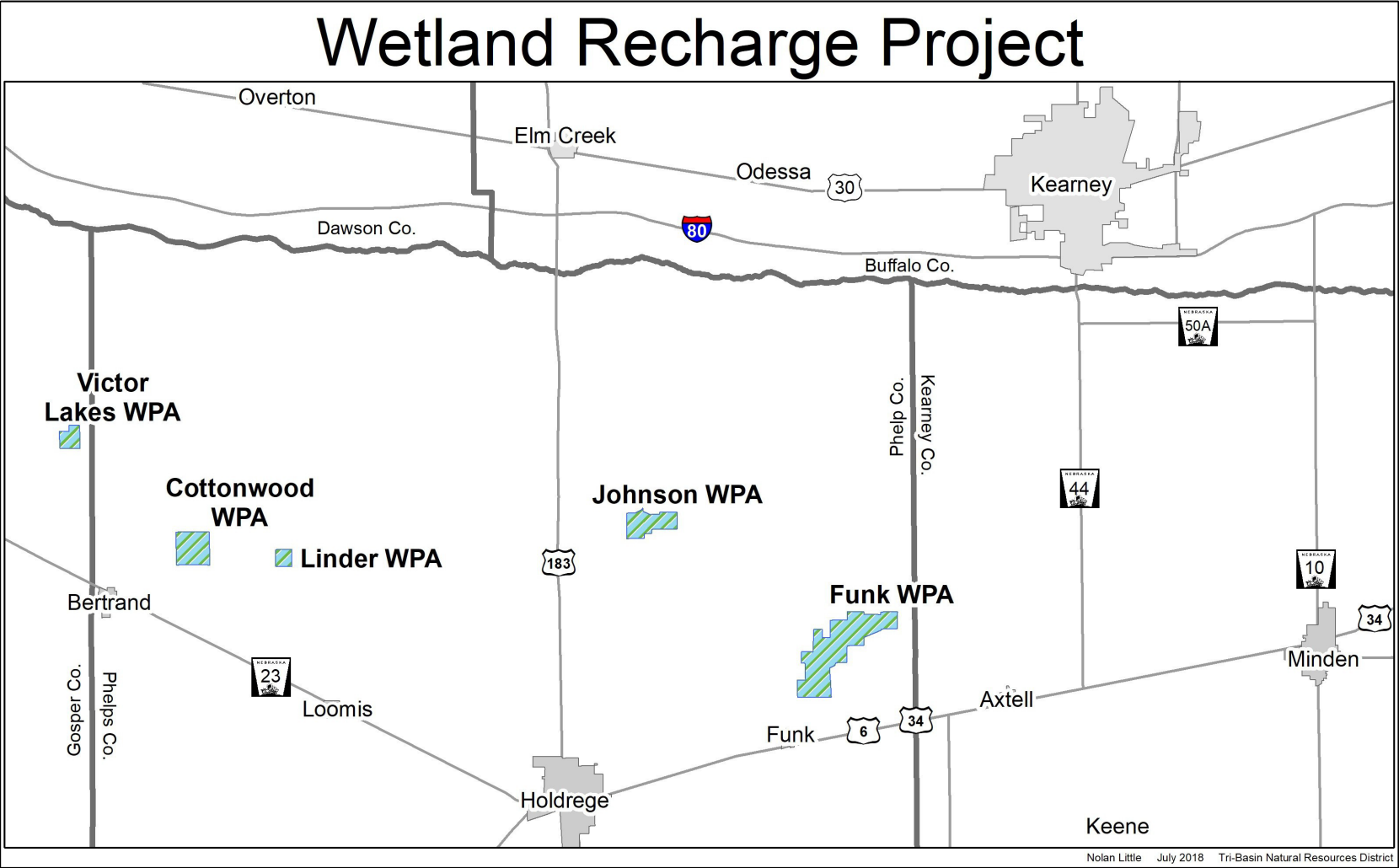
SCALE 1" = 1.4 Mi.

DRAWING

DATE 12/3/2014

NO. RCHG_E65_DEC14

Appendix D: Wetland Recharge Project Map



Appendix E: Tri-Basin NRD Water Conservation Incentive Program

Introduction: Tri-Basin NRD launched the Water Conservation Incentive Program (WCIP) in March 2019. WCIP is intended to address two natural resources management issues: ensuring sustainability of groundwater supplies and protecting streamflows from diminishment due to groundwater pumping. When participating in the WCIP groundwater option, irrigators agree to accept an allocation on their certified irrigated acres in exchange for the NRD offering them flexibility on which acres they can irrigate. Financial incentives for water conservation are also available to participants.

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 Central Nebraska Public Power and Irrigation District (CNPPID) customers from the WCIP because the incentives set up for groundwater irrigators don't encourage conservation on commingled fields.

Tri-Basin wants 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. For this reason, we developed a "commingled" option for CNPPID customers. The Nebraska Department of Natural Resources pays 60% of the cost of landowner payments through the Water Resources Cash Fund, because they recognize the benefits of incentivizing irrigators to become more efficient and of utilizing surface water, when available, to reduce groundwater withdrawals and increase groundwater recharge.

The Program: Tri-Basin will allow landowners to enroll up to 8000 NRD-certified irrigated acres in the program. The enrollment period will be open 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). 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 groundwater option 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 are required to have flowmeters installed on all wells serving participating parcels and to report water use annually to the NRD. Tri-Basin NRD offers cost share on flowmeters for participants. Tri-Basin NRD spot checks flowmeter readings on 20% of participating parcels annually. As a condition of their participation, landowners agree to subject enrolled parcels to (most of) the same rules that apply to all landowners in Phase three groundwater quantity management areas.

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 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 allocations 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 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 the NRD has already made and pay the NRD the amount we would have paid them at the end of the contract period).

Commingled Option: 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 are eligible to enroll commingled parcels in five-year contracts. Participants will be reimbursed by Tri-Basin NRD for the equivalent of the cost per acre of CNPPID water delivery, with the understanding that payments will be reduced by \$6 per acre inch of groundwater used in excess of one inch per acre 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 \$42.00 to deliver nine inches of water to their irrigation customers (2024). 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, but payment rates won't be increased during the contract period if CNPPID raises rates.

WCIP incentives will be paid on CNPPID contracted acres. Because NRD funds are limited, we will initially approve contracts for 8000 acres. Because applications exceed the number of acres allowed for enrollment, applications are selected for approval using a ranking system.

The WCIP commingled option 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 are favored in the ranking system.

Parcels in which CNPPID water service contracts are in the process of cancellation are not eligible for enrollment. Landowners are allowed to enroll additional acres on existing CNPPID water service contracts. Individual landowners are 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.

If you are interested in enrolling in WCIP, please call the Tri-Basin NRD office at (308) 995-6688, or email us at jthorburn@tribasinncrd.org.

Appendix E: Tri-Basin NRD Water Conservation Incentive Program [WCIP]

Type of Contract	Contract Period	Contract Credits [total inches]	Basin
Groundwater	2021-2025	125.20	Platte
Groundwater	2021-2025	132.43	Platte
Co-Mingled	2021-2025	142.00	Platte
Co-Mingled	2021-2025	144.00	Platte
Co-Mingled	2021-2025	127.00	Platte
Co-Mingled	2021-2025	128.00	Platte
Groundwater	2022-2026	136.36	Platte
Groundwater	2023-2027	136.16	Platte
Co-Mingled	2024-2028	150.00	Platte
Co-Mingled	2024-2028	144.00	Platte
Co-Mingled	2024-2028	136.00	Platte
Co-Mingled	2024-2028	120.00	Platte
Co-Mingled	2025-2029	75.71	Platte
Co-Mingled	2025-2029	150.00	Platte
Co-Mingled	2025-2029	148.00	Platte
Co-Mingled	2025-2029	143.00	Platte
Co-Mingled	2025-2029	211.00	Platte
Co-Mingled	2025-2029	74.65	Platte
Co-Mingled	2025-2029	75.00	Platte
Co-Mingled	2025-2029	142.00	Platte
Co-Mingled	2025-2029	128.00	Platte
Co-Mingled	2025-2029	255.00	Platte
Co-Mingled	2025-2029	130.00	Platte
Co-Mingled	2025-2029	149.00	Platte
Co-Mingled	2025-2029	150.00	Platte
Co-Mingled	2025-2029	142.00	Platte
Co-Mingled	2025-2029	140.00	Platte
Co-Mingled	2025-2029	147.00	Platte
Co-Mingled	2025-2029	148.38	Platte
Co-Mingled	2025-2029	287.10	Platte
Co-Mingled	2025-2029	149.00	Platte
Co-Mingled	2025-2029	123.86	Platte
Co-Mingled	2025-2029	123.00	Platte
Co-Mingled	2025-2029	135.00	Platte
Co-Mingled	2025-2029	150.00	Platte
Co-Mingled	2025-2029	300.86	Platte
Co-Mingled	2025-2029	120.00	Platte
Co-Mingled	2025-2029	100.00	Platte
Co-Mingled	2025-2029	150.00	Platte
		5668.71	

