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**Nebraska Platte—Republican  
Resources Area  
Conservation Reserve Enhancement Program  
(CREP)**

**2014 Annual Performance Report**

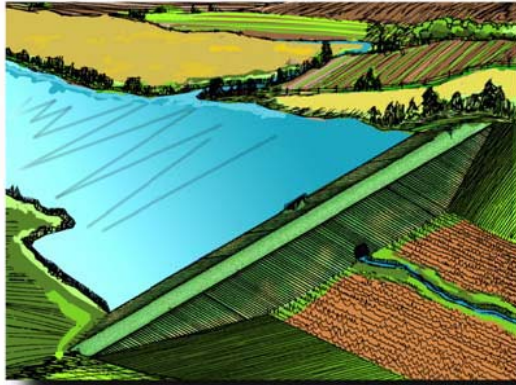
**December 2014**



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# Nebraska

## Platte-Republican Resources Area CREP

Annual Performance Report

For the period:  
October 1, 2013, to September 30, 2014

This performance report is submitted to fulfill the requirements of Section VI., Parts I. And J. of the Memorandum of Agreement (MOA) between the United States Department of Agriculture (USDA), Commodity Credit Corporation (CCC), and the State of Nebraska concerning the implementation of the Nebraska Platte-Republican Resources Area Conservation Reserve Enhancement Program (CREP) signed on March 19, 2005. This report addresses the status of enrollments, level of program participation, the results of the annual monitoring program, non-federal CREP program expenditures, progress on fulfilling other State commitments and recommendations to improve the program.

### INTRODUCTION

The agreement between the USDA, CCC, and the State of Nebraska initiated the Nebraska Platte-Republican Resources Area CREP for the improvement of water quantity and quality, and the enhancement of wildlife habitat in designated areas of the Platte and Republican River Basins. The MOA was signed by Floyd D. Gabler, Deputy Under Secretary for Farm and Foreign Agricultural Services for the USDA and Nebraska Governor Dave Heineman on March 19, 2005.

The Nebraska Platte-Republican Resources Area CREP is a cooperative effort between the USDA Farm Services Agency (FSA), the Natural Resources Conservation Service (NRCS), and the State of Nebraska. The CREP is part of the Conservation Reserve Program (CRP), operated by FSA for the CCC.

The overall goals of the Nebraska Platte-Republican Resources Area CREP are to significantly reduce the amount of irrigation water consumptive use, and agricultural chemicals and sediment entering waters of the State from agricultural lands and transportation corridors. The reduction of ground and surface water use and of non-point source contaminants, through establishment of permanent vegetative cover, will also enhance associated wildlife habitat, both terrestrial and aquatic. These goals are to be accomplished by terminating all irrigation practices on 100,000 acres of land located in the State Conservation Priority Area for Water Quality (the "Priority Area"). The Priority Area includes land adjacent to the Republican River and the Platte River and their tributaries. Appendix A identifies these specific geographic areas.

In addition to not irrigating the land enrolled in CREP, the following conservation practices will be implemented on the land.

- Up to 85,000 acres of CP2, CP4D, CP12 and CP25 (Establishment of Permanent Native Grasses, Permanent Wildlife Habitat, Wildlife Food Plots, and rare and declining habitat)
- Up to 10,000 acres of CP21 and CP22 (Filter Strips and Riparian Buffers)
- Up to 5,000 acres of CP23 and CP23A (Wetland Restoration, and Wetland Restoration, Non-Floodplain.)

On February 17, 2006, the first amendment to the Platte-Republican CREP MOA was signed into effect. This amendment opened up enrollment between the two basins. Previously, there was a 50,000 acre limit for each of the Platte and Republican River Basins respectively. Now the 100,000 acres may be anywhere with one exception. Above Lake McConaughy there is a 5,000 acre cap on lands served by surface water or a combination of surface water and groundwater.

On December 21, 2007, the second amendment to the Platte-Republican CREP MOA was signed into effect. This amendment removed references to a statutory ending date for CRP enrollments and stated that the CREP agreement would not terminate automatically on December 31, 2007, so long as statutory authority existed for such enrollments. The amendment stated the parties may terminate the CREP Agreement at will, to the extent provided for in the original agreement. Congress extended the date for signup.

In September 2011, amendment number three was signed. This amendment expanded the area subject to CREP in the Platte River Basin. The increase included lands near the South Platte River and Lodgepole Creek and lands near Pumpkinseed (Pumpkin) Creek in Banner County. Along the North Platte and Platte Rivers, the area was extended to the boundaries of the area designated as over appropriated pursuant to the Nebraska Groundwater Management and Protection Act. The changes are shown in Appendix A. The amendment also allowed individual farmers who are enrolled in CREP to, during the term of the CREP water use contract, enter into agreements with other entities that result in permanent retirement of acres from irrigation, following the expiration date of the CREP contracts. An additional eligible practice was added, CP12 for wildlife food plots.

There were no amendments to the program during the current reporting period.

The Platte-Republican Resources Area CREP was promoted at the annual Husker Harvest Days in Grand Island, Nebraska. The 2014 event was held on September 9-and 11. A booth was staffed by Department of Natural Resources employees in the natural resources pavilion. Staff provided informational brochures and answered questions about the CREP. Husker Harvest Days is billed on the event's website as: "Today's Husker Harvest Days is recognized as the World's Largest Totally Irrigated Working Farm Show™" and features the most extensive state-of-the-art information and technology available for today's agricultural producers". Attendance was in the thousands and most attendees are the irrigated agricultural producers whom the program is targeting. CREP promotion continues to be a joint effort between all partners. In 2014, the DNR was actively engaged in developing future promotional opportunities in order to ensure continued success of the program.

## STEERING COMMITTEE

A committee was formed to offer guidance on the program. The committee includes staff from the participating federal, state, and local agencies and congressional and senate offices. A list of the current steering committee is presented in Appendix E. The steering committee meets to discuss ideas for increasing participation in the program and any needed changes to the program. Topics included additional incentive payments, advertising, changing the rates. A meeting, which included several members from the steering committee, was conducted in March of 2014. Program partners discussed issues including: frequency of management implementation, time period for management action, and specifications for management actions, as well as the wildlife enhancing practices that are now available in CREP. CRP training opportunities for field staff was also discussed. A separate meeting was also held in calendar year 2014 to discuss promotion of the program. During the meeting CREP partners discussed ideas for development of promotional materials, activities and mailings. Due to additional financial incentives offered after the March 19, 2013 DAFP memorandum authorizing an increase of irrigated rental rates, lower commodity prices, and continued drought, there may be an opportunity to generate additional interest in CREP.

## LEVEL OF PROGRAM PARTICIPATION

From April 4, 2005, until September 30, 2014, there were 705 applications for participation filed, with most of those being received in 2005. From October 1, 2013, until September 30, 2014, there were 3 new applications approved. As of September 30, 2014, there are 509 active contracts. Two breakdowns of the 509 contracts are presented below in Tables 1 and 2. At the end of this report are appendices, which include a complete listing of the 509 contracts (Appendix B), a listing of the contracts by County (Appendix F), a listing of contracts by Natural Resources District (NRD) (Appendix G), and a listing by irrigation district (Appendix H). Included in the 46,427.00 acres contracted under the FSA practices CP2, CP4D, CP12 and CP25, described in detail in this report, there are 5.1 acres offered under FSA practice CP21.

**Table 1: SUMMARY OF TOTAL APPLICATIONS RECEIVED  
FROM APRIL 2005 THROUGH SEPTEMBER 2014**

TOTAL APPLICATIONS RECEIVED	705
TOTAL ACITVE APPROVED BY DNR & FSA	509
TOTAL WITHDRAWN BEFORE DNR APPROVAL	63
TOTAL WITHDRAWN AFTER DNR APPROVAL BUT BEFORE FSA APPROVAL	78
TOTAL CANCELLED AFTER PAYMENT	41
TOTAL CANCELLED BEFORE PAYMENT	4
TOTAL REJECTED	5
TOTAL CONTRACTS CANCELLED FOR NON COMPLIANCE	6
TOTAL APPLICATIONS EXPIRED	2
TOTAL APPLICATIONS UNDER REVIEW BY DNR	0
TOTAL APPROVED APPLICATIONS UNDER REVIEW BY FSA	4



**Table 2: SUMMARY OF ACRES APPROVED BY BASIN AS OF SEPTEMBER 30, 2014**

<b><i>THE BASIN NAME</i></b>	<b>APPROVED APPLICATIONS</b>	<b>GW ONLY ACRES</b>	<b>SW ONLY ACRES</b>	<b>COM-MINGLED ACRES</b>	<b>TOTAL IRR. ACRES</b>	<b>NON IRR. ACRES</b>	<b>TOTAL ACRES</b>
<i>Platte Basin Below Lake McConaughy</i>	40	1,419.80	286.53	530.37	2236.70	0.70	2,237.40
<i>Platte Basin Above Lake McConaughy</i>	113	2,343.40	4,297.00	391.90	7032.30	19.70	7,052.00
<i>Republican</i>	356	27,041.44	4,345.72	4,430.46	35,817.62	1,319.98	37,137.60
<b><i>TOTALS</i></b>	<b>509</b>	<b>30,804.644</b>	<b>8929.25</b>	<b>5,352.73</b>	<b>45086.62</b>	<b>1,340.38</b>	<b>46,427.00</b>

## **ANNUAL WATER SAVINGS**

The Nebraska Department of Natural Resources analyzed 509 contracts and the 45,086.62 irrigated acres that were fully enrolled into the program as of September 30, 2014, to determine the total savings in water based on consumptive use as shown in Table 3. Acres that are irrigated by both groundwater and surface water are described as commingled acres when discussed in this report. It is important to remember that in the program areas, groundwater is hydrologically connected to streams. This means that underground flow of water is a significant source of base flow in Nebraska streams. Therefore, reducing the withdrawal and subsequent consumption of groundwater for irrigation should result in improved stream flow.

Consumptive use calculations for all acres were derived from calculations provided by Derrel Martin, Professor of Biological Systems Engineering at the University of Nebraska. Appendix C identifies the range of the average irrigation requirement to irrigate a full yield corn crop across the state of Nebraska and Appendix D identifies the net average corn crop irrigation requirement (CIR) by county that was developed for the program. The net CIR is the amount of irrigation water consumed when water is applied at a rate that meets the full crop demand.

The location of the land under each of the contracts was analyzed against the net CIR map to determine an average net CIR to be applied in the calculation. The average net CIR was then multiplied by the acres under each individual contract to determine the total savings in consumptive use that resulted from not applying irrigation water. Table 3 indicates the savings that would occur if the full crop irrigation requirement was met. For the purpose of these estimates of consumptive use savings of irrigation water, it is assumed that for those acres irrigated from groundwater (which includes acres identified as commingled) the full irrigation requirement would be met. Therefore the amounts in Table 3 for groundwater irrigated acres and for commingled acres are the actual reported savings with the exceptions described in the paragraphs following Table 3.

**Table 3: CONSUMPTIVE USE SAVINGS FOR 2014 BY RESOURCES AREA**

	Republican Resources Area	Platte Basin Above Lake McConaughy Resources Area	Platte Basin Below Lake McConaughy Resources Area	Totals
<b>Number of Contracts with:</b>				
Groundwater Acres	268	26	28	322
Commingled Acres*	64	8	10	82
Surface Water Acres	73	84	10	167
<b>Number of Acres:</b>				
Groundwater Only	27041.44	2343.40	1419.80	30804.64
Commingled	4430.46	391.90	530.37	5352.73
Surface Water	4345.72	4297	286.53	8929.25
<b>Consumptive Use Savings Shown in Acre-feet:</b>				
Groundwater Only	27940.40	2732.10	1407.72	32080.22
Commingled	4461.73	458.17	541.70	5,461.59
Surface Water	4274.33	5084.50	296.32	9655.15

\*Some contracts contain groundwater or surface water parcels and commingled parcels

For those acres served only by surface water, further analysis is provided. As indicated above, commingled acres are treated as groundwater acres for the purpose of computing water savings. Due to the amount of time it takes to finalize the records of diversion for the irrigation season, the actual amount of water saved for lands served solely by surface water will be reported one year after the irrigation season. Therefore, this report will include the savings calculated for the 2013 irrigation season for acres irrigated only from surface water.

Although Table 3 indicates the consumptive use savings of lands served solely by surface water, the assumption for the figures presented are based on the lands receiving a supply of water sufficient to meet the full crop irrigation requirement and no other use being made of the water saved. Surface water appropriations (water rights) in Nebraska are statutorily based on the principle that “first in time is first in right”. This means that the older surface water rights are to receive water before newer water rights can be satisfied during times of shortage. The date of the water appropriation is called the priority date, and administering water rights in order of priority results in older rights getting their water before the newer rights when stream flow is in short supply. Tables 4 through 10 summarize the accounting made for the different areas in the state, based upon the available stream flow, and the methods used across the state for protecting the water saved under the contracts. The accounting methods used are customized to reflect legal considerations, physical features, and partnership agreements that differ between river basins.

For those lands that are served from a natural flow appropriation only (directly from a natural stream and not served from reservoir storage water), the Department of Natural Resources required the landowner (and the appropriator of record if not the landowner) to file a temporary transfer to change the consumptive use portion of the appropriation attached to the contracted lands to an appropriation for instream use. A summary of the transfers is shown in Table 4. The

Department then protects the water in the stream from other diversions as long as such appropriation is in priority as compared to other appropriations. During 2013 some of Nebraska suffered from hydrologic (reduced streamflow) drought conditions, impacting agriculture and hydrology in the Republican and Platte River Basins. As a result, transferred water rights that are more junior in priority, in some cases, were unable to be protected from the point of diversion of the original water appropriation to the Nebraska/Kansas border in the Republican Basin, and to the mouth of the Platte in the Platte Basin.

In determining the amounts that could be transferred to the instream appropriations, the Department used the CIR calculations discussed above, but distributed them throughout the irrigation season. For commingled acres, for the purpose of determining the amount to be transferred to instream appropriations, it will be assumed that 50 percent of the consumptive use was from groundwater. The non-consumptive use portion of the appropriation was allowed to be diverted by canals for use as carriage water in the canals, but could not be used for irrigation. For other types of surface water diversion facilities, such as pumps, the non-consumptive use portion of the appropriation cannot be diverted by the contractor and remains in the stream where it may be diverted by other downstream users. The Department required these conditions to alleviate harm to other users.

Table 4 describes the amount of water that is protected in the river on the basis of priority of appropriation for those lands under contract that are served by natural flow surface water.

**Table 4: STREAM AUGMENTATION PERMITS FOR 2013 BY RESOURCES AREA**

BASIN	NUMBER OF TRANSFERS	INSTREAM FLOW AMOUNTS*		
		June	July	August
Platte Basin Above McConaughy	3	0.02	.70	0.03
Platte Basin Below McConaughy	2	0.00	0.45	0.00
Republican River Basin	37	3.63	7.80	4.50

\*In Cubic Feet Per Second

As a comparison, the Department used the same method for determining consumptive use described above for the contracts that required transfers to determine the amount of savings that occurred. However, no consumptive use savings will be counted when the appropriations are out of priority for the majority of the season (greater than 50 percent of the time), or when the lands under the contracts are also irrigated from groundwater. (The savings for commingled lands is shown in Table 3.) Tables 5, 6, and 7 describe the calculated consumptive use saved because of the CREP contracts for the three resource areas for those lands under contract that are served only by natural flow surface water appropriations and where transfers were required. Three contractors included more acres in the transfers than were contracted for in CREP. The savings for those acres were not included in the calculations summarized in Tables 5, 6, and 7.

**Table 5: ANALYSIS OF WATER SAVED IN 2013 UNDER CREP CONTRACTS  
HAVING LANDS SERVED ONLY FROM SURFACE WATER  
NATURAL FLOW PERMITS**

PLATTE BASIN ABOVE McCONAUGHY					
Transfer No.	Water Right	Priority	Reach	Contract No.	Consumptive Use In Acre-feet
T-1209	D-781	9/7/1893	Blue Creek	80	Commingled*
T-1216	D-785	12/27/1893	Blue Creek	55	67.24
T-1245	D-921	4/18/1889	North Platte River	124	Commingled
<b>Total</b>					<b>67.24</b>

\*Savings for commingled acres not computed here are computed with the groundwater acres.

**Table 6: ANALYSIS OF WATER SAVED IN 2013 UNDER CREP CONTRACTS  
HAVING LANDS SERVED ONLY FROM SURFACE WATER  
NATURAL FLOW PERMITS**

PLATTE BASIN BELOW McCONAUGHY					
Transfer No.	Water Right	Priority	Reach	Contract No.	Consumptive Use In Acre-feet
T-1244	D-662	5/22/1894	North Platte	398	14.70
T-1267	A-5636	10/9/1953	Platte River	648	Commingled*
T-1270	D-624R	09/15/1894	Platte River	740	8.66
<b>Total</b>					<b>23.36</b>

\*Savings for commingled acres not computed here are computed with the groundwater acres

**Table 7: ANALYSIS OF WATER SAVED IN 2013 UNDER CREP CONTRACTS  
HAVING LANDS SERVED ONLY FROM SURFACE WATER  
NATURAL FLOW PERMITS**

REPUBLICAN RIVER BASIN					
Transfer No.	Water Right	Priority	Reach	Contract No.	Consumptive Use In Acre-feet
T-1210	D-65AR	9/24/1894	Above Swanson	603	Commingled*
T-1211	A-6629	8/20/1954	Above Swanson	603	Commingled
T-1212	A-2318	4/17/1933	Below Harlan Above Guide Rock	385	71.89
T-1213	A-3558	3/11/1942	Below Harlan Above Guide Rock	385	--
T-1214	A-12486A	1/19/1972	Below Harlan Above Guide Rock	385	Out of Priority
T-1215	A-12486B	1/19/1972	Below Harlan Above Guide Rock	385	Out of Priority
T-1217	A-10803	3/16/1966	Below Cambridge Above Harlan	227	Commingled
T-1218	A-9878	1/4/1961	Below Cambridge Above Harlan	106	Commingled
T-1219	A-10447	9/23/1964	Below Cambridge Above Harlan	101	Commingled
T-1220	A-6054	3/11/1954	Frenchman	379	Commingled
T-1221	A-1285	4/28/1913	Frenchman	457	Commingled
T-1223	A-6427	7/16/1954	Above Swanson	508	Commingled
T-1224	D-10AR	12/19/1893	Frenchman	356	22.75
T-1225	A-1674	07/03/1922	Frenchman	356	51.01
T-1226	A-6156	03/31/1954	Below Cambridge Above Harlan	225	Commingled
T-1231 & T-1232	A-10852	5/20/1966	Below Harlan Above Guide Rock	282 & 284	Commingled
T-1233	A-16681	7/5/1988	Below Harlan Above Guide Rock	283	Commingled
T-1234	D-18	7/28/1894	Frenchman	353	Commingled
T-1235	A-3477R	07/31/1941	Frenchman	353	Commingled
T-1236	A-3216	07/25/1940	Below Harlan Above Guide Rock	256	Commingled
T-1237	A-4475	05/28/1949	Below Harlan Above Guide Rock	256	Commingled
T-1238	A-14166	04/07/1976	Below Harlan Above Guide Rock	256	Commingled
T-1242	A-16956	3/21/1990	Below Harlan Above Guide Rock	29	Commingled
T-1243	A-17073	5/13/1991	Below Harlan Above Guide Rock	286	Out of Priority
T-1246	A-11139	4/18/1989	Below Cambridge Above Harlan	285	Commingled
T-1247	A-3082	1/20/1940	Above Bartley	630	32.02
T-1248	A-5406	7/23/1953	Below Harlan Above Guide Rock	623&627	Commingled
T-1249	A-5426	07/29/1953	Below Harlan Above Guide Rock	627	Out of Priority
T-1250	A-17221	09/04/1992	Below Harlan Above Guide Rock	627	Out of Priority
T-1251	A-17072	5/13/1991	Below Harlan Above Guide Rock	318	Commingled
T-1256	A-14734R	12/27/1976	Below Harlan Above Guide Rock	608	Out of Priority
T-1257	A-6577	8/10/1954	Above Culbertson	665	Commingled
NEX-1958	A-3287	10/09/1940	Below Swanson Above Harlan	786	Commingled
NEX-1959	A-10127	12/04/1962	Below Swanson Above Harlan	786	Commingled
NEX-1960	A-3835A	05/19/1945	Below Swanson Above Harlan	786	Commingled
NEX-1961	A-3835B	05/19/1945	Below Swanson Above Harlan	786	Commingled
<b>Total</b>					<b>177.67</b>

\*Savings for commingled acres not computed here are computed with the groundwater acres

\*\*Natural flow permits in the Republican River Basin junior to September 1, 1945, were out of priority greater than 50% of the season. (June 1-August 31, 2013).

In the Republican River Basin, for lands served both from a natural flow appropriation (usually held in the name of an irrigation district) and from a storage use appropriation held in the name of the U.S. Bureau of Reclamation (USBR), the Department did not require a temporary transfer to an instream augmentation permit. Rather, an accounting method was agreed upon whereby the water that is not diverted from the reservoir for use on lands under the contracts is accounted for as being saved in the reservoir until such time as the total reservoir contents reach a target level determined by the Nebraska Game and Parks Commission to maintain the fishery. A copy of the document explaining the calculations is located in Appendix I. If the target level is reached, the account is reset at zero.

Water year 2013 marked second consecutive year that desirable target elevations (relative to reservoir storage) were not met at all basin reservoirs. Although water administration reduced the supply of available water, CREP “savings” from diversions forgone can be accounted for from Swanson & Harry Strunk Reservoirs, as both reservoirs diverted water for irrigation and desirable target storage levels were not exceeded. No specific storage savings of program water are attributable to Enders & Harlan County Reservoirs due to desirable target levels continuing to be met and the curtailment of irrigation releases.

No irrigation releases were made from Enders Reservoir and therefore no savings were realized. Storage on October 1st, 2012, was 15,277 acre feet, exceeding the desirable target storage of 14,009 acre feet. The end of year reservoir pool storage was 13,400 acre feet.

No irrigation releases were made from Hugh Butler Lake in 2013 and the pool level remained well below target levels. The reservoir had been maintained near the dead pool to reduce risk related to embankment cracking discovered in 2009. A rehabilitation project to bring the structure of the dam up to safety standards was completed in 2012. Savings have not accrued as water has not been released water for irrigation. Storage at the end of WY 2013 was recorded at 6,086 acre feet.

Harlan County Lake stored 141,277 acre-feet at year-end (September 30, 2013), exceeding the target storage of 118,099 acre-feet, therefore no savings were accrued. The reservoir held 197,485 acre feet to begin the year.

Reservoir storage at Swanson Lake near Trenton, was measured at 39,022 acre feet to begin water year 2013, and remained below target level of 45,211 acre feet for the entire year. Year-end storage was 28,218 acre feet. CREP savings can be accrued for the 1,780.17 acres of CREP contracts, covered by surface water only, on the Meeker Drift Wood Canal which received an estimated 0.458 acre feet of irrigation supply per acre served. 15 acres of surface water only CREP contracts on land served by the Bartley Canal did not receive an irrigation supply in 2014 and therefore, no savings can be attributed.

Water levels at Harry Strunk Lake began water year 2013 at 25,300 acre-feet, but declined to 14,574 acre-feet by year-end, due to irrigation releases via the Cambridge Canal. Reservoir levels remained below desirable target storage of 19,631 acre-feet until the end of December 2013. In 2013, there were 251.5 acres of CREP located on land served by the Cambridge Canal for which savings can be accounted.

An analysis of water diversion forgone due to CREP is provided in Table 7A.

**Table 7A: ANALYSIS OF WATER SAVED IN 2013 UNDER CREP CONTRACTS  
HAVING LANDS SERVED BY SURFACE WATER ONLY  
IN THE AREA SERVED BY RESERVOIRS LOCATED IN REPUBLICAN RIVER BASIN**

<b>Reservoir Name</b>	<b>Swanson</b>	<b>Harry Strunk</b>
Irrigation District	Frenchman Cambridge	Frenchman Cambridge
Canal Name	Meeker- Driftwood Canal	Cambridge Canal
CREP SW Only Acres:	1780.17	251.50
Average Storage Water Delivery (in acre-feet per acre)	.458	.557
Return as decimal percentage of canal diversion*	.63	.52
Consumptive Use as percentage of diversion**	(1 - .63)	(1-.52)
Canal Diversion Forgone (in acre-feet)	301.67	67.24
<b>Total Storage Water Diversion Forgone For Water Year 2013</b>	<b>368.91acre-feet</b>	

\*Return as percentage of canal diversion estimated from Republican River Compact Attachment 7 for water year 2013

\*\* Consumptive use calculation from accounting rules Appendix J in CREP Memorandum of Agreement

There is no claim for savings of the natural flow appropriations attached to these lands because water not used on irrigation district lands would be available for use by another appropriator or available for storage in the reservoirs and does not have to be protected through a transfer to instream use.

In 2013, the Republican River Basin water supply available for irrigation was diminished from previous years due to prolonged drought. In turn, Republican River Basin reservoirs were unable to provide a full CIR allocation to producers served by irrigation district canals. Thus, CREP savings shown above reflect estimated actual delivery instead of a full CIR allocation. The above normal summer temperatures and dry conditions, which increased crop water needs, were a continuation of dry conditions in the previous year during the irrigation season.

The benefits from curtailment of irrigation on the program acres continue to assist the state and local governments in their efforts to implement long term balance between supply and demand for surface water and groundwater. The reduction in consumptive use from irrigated acres that are set aside during the water use contract period are an important component of Nebraska's integrated management of hydrologically connected surface water and ground water.

Likewise in the Platte River Basin, for lands served from a storage use appropriation from Lake McConaughy held in the name of The Central Nebraska Public Power and Irrigation District or Nebraska Public Power District, there is an agreement for accounting in the reservoir for the water not consumed by the contracted lands. The agreement describes how the calculations are to be made and includes a target level, that when reached, resets any water savings in the reservoir to zero. A copy of the agreement is located in Appendix J. There was no savings accounted for in Lake McConaughy for the 2013 season as the reservoir remained above the target level throughout the year.

As in the Republican River Basin, there was a diminished water supply in the Platte River Basin below Lake McConaughy. Supplies above Lake McConaughy were adequate for most water users during 2013. Even though there is a lack of computed reservoir “savings” using the agreed method, the reduction of depletion to stream flow continues as a benefit even in years where trigger levels are reached. This is especially true for curtailment of groundwater irrigation, since the beneficial effect is realized over many years.

For the Districts in the North Platte Basin that are served with storage water from reservoirs located in Wyoming, the amount of water saved is calculated the same as for groundwater, except that if a canal does not supply sufficient water to satisfy the net CIR, a percentage factor is applied based on the percent of CIR delivered. In 2013 the districts supplied a sufficient amount of water to satisfy a full CIR from storage releases.

**Table 8: ANALYSIS OF WATER SAVED IN 2012 UNDER CREP CONTRACTS  
HAVING LANDS SERVED BY SURFACE WATER ONLY  
IN THE AREA SERVED BY RESERVOIRS  
LOCATED IN WYOMING**

<b>Platte River Basin Irrigation District</b>	<b>Number of Contracts</b>	<b>Number of Acres</b>	<b>Consumptive Use In Acre-feet</b>
Bridgeport Irrigation District	5	158.4	184.8
Farmers Irrigation District	8	69.1	80.62
Gering-Fort Laramie Irrigation District	6	182.8	217.84
Northport Irrigation District	13	502.1	585.78
Pathfinder Irrigation District	43	2856.5	3396.93
<b>Total</b>	<b>75</b>	<b>3,768.90</b>	<b>4,465.97</b>

The Department of Natural Resources used the prescribed methods of calculating the consumptive use of the surface water savings. Due to streamflow conditions in 2013, water administration actions were taken when necessary upstream of Gothenburg Canal between June and mid-September. The water supply was more balanced above Lake McConaughy. Required administrative regulation was employed in order to minimize negative effects on water users not participating in the program, to help maintain the regime of the river, and to meet state statutes and interstate compacts and decrees. Table 9 summarizes the amount of water savings accounted for in 2013 for lands served only by surface water.



**Table 9: Summary Of Water Saved Under CREP Contracts  
For Lands Served ONLY By Surface Water  
As Of September 30, 2013**

<b>Basin</b>	<b>Consumptive Use in Acre-feet</b>
Platte River above McConaughy	67.24
Platte River below McConaughy	23.36
Republican River	177.67
Storage in Republican Reservoirs	368.91
Storage Water in McConaughy	0.00
Lands served by Wyoming Reservoirs	4465.97
<b>Total</b>	<b>5,103.15</b>

As mentioned earlier in this report, the requisite surface water information is not available by the deadline for submitting the annual performance report for this CREP program. Therefore, the following table is created to combine the 2013 groundwater and 2013 surface water consumptive use savings attributable to the program. Taking all the above information regarding the amount of water saved in 2013 from CREP contracts for lands served solely by surface water, and taking the amount of savings shown in the 2013 CREP report for lands served solely by groundwater or served both by groundwater and surface water (commingled), gives the total water savings of water for 2013 as shown in Table 10.

**Table 10: CONSUMPTIVE USE SAVINGS FOR 2013 BY RESOURCES AREA**

	Republican Resources Area	Platte Basin Above Lake McConaughy Resources Area	Platte Basin Below Lake McConaughy Resources Area	Totals
<b>Number of Contracts with:</b>				
Groundwater Acres	268	26	27	321
Commingled Acres	64	8	10	82
Surface Water Acres	73	82	10	165
<b>Number of Acres:</b>				
Groundwater Only	27217.24	2343.40	1405.20	30965.84
Commingled	4430.46	391.90	530.37	5352.73
Surface Water	4345.72	4291.50	286.53	8923.75
<b>Consumptive Use Savings Shown in Acre-feet:</b>				
Groundwater Only	27940.40	2732.10	1391.54	32064.04
Commingled	4461.73	458.17	541.70	5461.60
Surface Water	546.58	4533.21	23.36	5103.15
<b>Total Water Savings in Acre-Feet for CREP in 2012</b>				<b>42,628.79</b>

## **CONTRACT MONITORING**

The Department of Natural Resources and the local natural resources districts cooperated in a monitoring program to assure non-use of water under contract. This monitoring is in addition to monitoring done by the FSA under their CREP requirements. Ten percent of all contracts having surface water appropriations, and ten percent of all contracts with lands served by groundwater were reviewed. The Department's review consisted of field investigations to determine whether lands had been irrigated and whether it was planted to a cover crop. The natural resources districts reported on whether there was any use of water from the wells included under the water use contracts. No violations were found.

## **WATER QUALITY SAVINGS**

One of the goals of the program is to improve surface and groundwater quality by reducing the amount of atrazine, nitrogen and phosphorous applied to the irrigated property. Under the terms of the program, lands included under contract must be replanted to native grasses and, therefore, would not be fertilized. The average amounts of applications associated with each of the three are: (1) atrazine is 1.3 pounds per acre applied; (2) nitrogen is 200 pounds per acre, and (3) phosphorous is 20 pounds per acre. Therefore, Table 11 has been compiled to show the amount of chemicals that likely would have been applied to the contracted acres, had they remained as irrigated cropland.

**Table 11: Water Quality Monitoring**

<b>Year Acres Chemical</b>	<b>Platte Basin Above Lake McConaughy</b>	<b>Platte Basin Below Lake McConaughy</b>	<b>Republican Basin</b>	<b>TOTALS</b>
<b>2005</b>				
Acres (Based upon Sign Ups)	9,908.20	3,089.20	39,304.87	52,302.27
Lbs of Atrazine (@ 1.3 lb per acre)	12,880.66	4,015.96	51,096.33	67,992.95
Lbs of Nitrogen (@ 200 lb per acre)	1,981,640	617,840	7,860,974	10,460,454
Lbs of Phosphorous (@ 20 lb per acre)	198,164	61,784	786,097.40	1,046,045
<b>2006</b>				
Acres (Based upon Sign Ups)	10,302.80	3,820.90	39,220.69	53,344.39
Lbs of Atrazine (@ 1.3 lb per acre)	13,393.64	4,967.17	50,986.897	69,347.707
Lbs of Nitrogen (@ 200 lb per acre)	2,060,560	764,180	7,844,138	10,668,878
Lbs of Phosphorous (@ 20 lb per acre)	206,056	76,418	784,414	1,066,888
<b>2007</b>				
Acres (Based upon Final Contracts)	6,747.90	2,222.37	39,539.79	48,510.06
Lbs of Atrazine (@ 1.3 lb per acre)	8,772.27	2,889.081	51,401.727	63,063.078
Lbs of Nitrogen (@ 200 lb per acre)	1,349,580	444,474	7,907,958	9,702,012
Lbs of Phosphorous @ (20 lb per acre)	134,958	44,447	790,796	970,201
<b>2008</b>				
Acres (Based upon Final Contracts)	6,800.60	2,028.20	39,946.08	48,774.88
Lbs of Atrazine (@ 1.3 lb per acre)	8,840.78	2,636.66	51,929.904	63,407.344
Lbs of Nitrogen (@ 200 lb per acre)	1,360,120	405,640	7,989,216	9,754,976
Lbs of Phosphorous (@ 20 lb per acre)	136,012	40,564	798,922	975,498
<b>2009</b>				
Acres (Based upon Final Contracts)	6,927.9	2,035.8	38,753.56	47,717.26
Lbs of Atrazine (@ 1.3 lb per acre)	9,006.27	2,646.54	50,379.63	62,032.44
Lbs of Nitrogen (@ 200 lb per acre)	1,385,580	407,150	7,750,712	9,543,452
Lbs of Phosphorous (@ 20 lb per acre)	138,558	40,715	775,071	954,345
<b>2010</b>				
Acres (Based upon Final Contracts)	7,029.5	2,047.5	38,764.38	47,841.48
Lbs of Atrazine (@ 1.3 lb per acre)	9,138.35	2,661.75	50,393.69	62,193.79
Lbs of Nitrogen (@ 200 lb per acre)	1,393,760	470,160	8,045,156	9,909,076
Lbs of Phosphorous (@ 20 lb per acre)	139,376	47,016	804,516	990,908
<b>2011</b>				
Acres (Based upon Final Contracts)	6,930.5	2,211.3	38,068.52	47,210.32
Lbs of Atrazine (@ 1.3 lb per acre)	9,009.65	2,874.69	49,489.08	61,373.42
Lbs of Nitrogen (@ 200 lb per acre)	1,386,100	442,260	7,613,704	9,442,064
Lbs of Phosphorous (@ 20 lb per acre)	138,610	44,226	761,370	944,206
<b>2012</b>				
Acres (Based upon Final Contracts)	7,034.00	2,222.10	37,006.12	46,262.22
Lbs of Atrazine (@ 1.3 lb per acre)	9,144.20	2,888.73	48,107.96	60,140.89
Lbs of Nitrogen (@ 200 lb per acre)	1,406,800	444,420	7,401,200	9,252,444
Lbs of Phosphorous (@ 20 lb per acre)	140,680	44,442	740,120	925,244
<b>2013</b>				
Acres (Based upon Final Contracts)	7,046.50	2,222.10	37,367.30	46,636.60
Lbs of Atrazine (@ 1.3 lb per acre)	9,160.45	2,888.73	48,577.49	60,627.58
Lbs of Nitrogen (@ 200 lb per acre)	1,409,300	444,420	7,473,460	9,327,320
Lbs of Phosphorous (@ 20 lb per acre)	14,930	44,442	747,346	932,732
<b>2014</b>				
Acres (Based upon Final Contracts)	7,052.00	2,237.40	37,137.60	46,427.00
Lbs of Atrazine (@ 1.3 lb per acre)	9,167.60	2,908.62	48,278.88	60,355.10
Lbs of Nitrogen (@ 200 lb per acre)	1,410,400	447,480	7,427,520	9,285,400
Lbs of Phosphorous (@ 20 lb per acre)	141,040	44,748	742,752	928,540

The 2007 acreage was used for both 2005 and 2006 for purposes of the total accumulation.\*

## REDUCTION OF ENERGY CONSUMPTION

Another goal of the Nebraska Platte-Republican CREP was to reduce the total consumption of fossil fuels by 350,000 gallons and electricity use by 10 million kilowatt hours. The Nebraska Department of Energy's website includes a table showing irrigation pumps in Nebraska by Fuel for 2008. It indicates that approximately 54 percent of all irrigation pumps are powered by electricity, and 46 percent are powered by fossil fuels. Nebraska Public Power District, one of the Nebraska Platte/Republican CREP partners, provided a spreadsheet created as part of the 2001 Report – "Estimated Irrigation Costs" by Roger Selley, University of Nebraska at Lincoln.

Using this spreadsheet and with the assumptions that the distribution system is a 135 acre center pivot pumping 800 gallons per minute and applying 9.5 acre-inches per acre with a lift of 100 feet at 60 percent efficiency, the annual electric usage is 45,966 kilowatt hours, and fossil fuels (diesel, propane and gasoline) average 4,600 gallons. The formulas used below are (electric consumption = acres x .54 x (46,000 kilowatt hours/135 acres)) and (fossil fuel consumption = acres x .46 x (4,600 gallons/135 acres)).

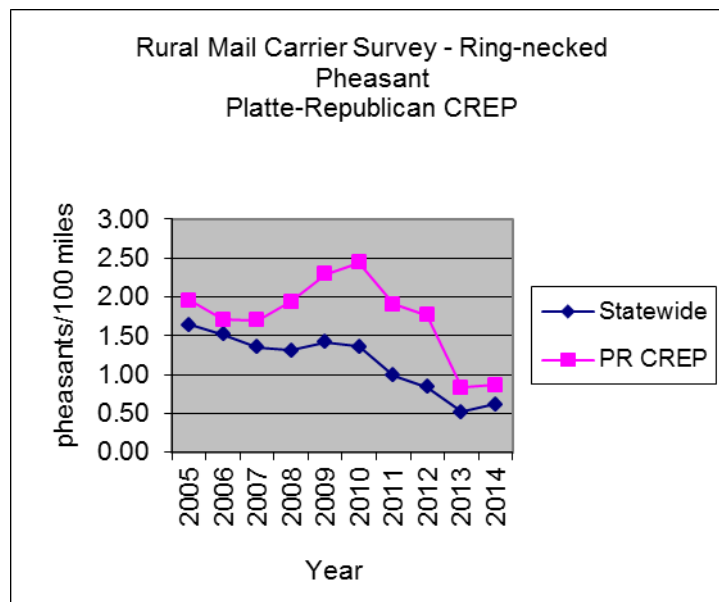
**Table 12: Estimated Savings on Electricity and Fossil Fuels**

Year Acres Energy Type	Platte Basin Above Lake McConaughy	Platte Basin Below Lake McConaughy	Republican Basin	TOTALS
<b>2005</b>				
Acres (Based upon Sign Ups)	9,908.20	3,089.20	39,304.87	52,302.27
Kilowatts Saved (kilowatt hours)	1,824,496	568,845	7,237,599	9,630,940
Fossil Fuels Saved (gallons)	154,962	48,315	614,728	818,005
<b>2006</b>				
Acres (Based upon Sign Ups)	10,302.80	3,820.90	39,220.69	53,344.39
Kilowatts Saved (kilowatt hours)	1,897,158	703,580	7,222,098	9,822,836
Fossil Fuels Saved (gallons)	161,135	59,759	613,411	834,305
<b>2007</b>				
Acres (Based upon Final Contracts)	6,747.90	2,222.37	39,539.79	48,510.06
Kilowatts Saved (kilowatt hours)	1,242,558	409,227	7,280,857	8,932,642
Fossil Fuels Saved (gallons)	104,437	34,758	618,402	758,697
<b>2008</b>				
Acres (Based upon Final Contracts)	6,800.60	2,028.20	39,946.08	48,774.88
Kilowatts Saved (kilowatt hours)	1,252,262	373,473	7,355,671	8,981,406
Fossil Fuels Saved (gallons)	106,361	31,721	624,757	762,839
<b>2009</b>				
Acres (Based upon Final Contracts)	6,927.9	2,035.80	38,753.56	47,717.26
Kilowatts Saved (kilowatt hours)	1,275,704	374,872	7,136,081	8,786,657
Fossil Fuels Saved (gallons)	108,352	31,840	606,106	746,298
<b>2010</b>				
Acres (Based upon Final Contracts)	7,029.5	2,047.50	38,764.38	47,841.48
Kilowatts Saved (kilowatt hours)	1,294,412	377,027	7,138,072	8,809,511
Fossil Fuels Saved (gallons)	109,941	32,023	606,275	748,239
<b>2011</b>				
Acres (Based upon Final Contracts)	6,930.5	2,211.30	38,068.52	47,210.32
Kilowatts Saved (kilowatt hours)	1,275,209	406,881	7,004,592.18	8,686,682
Fossil Fuels Saved (gallons)	108,648	34,666	596,793	740,107
<b>2012</b>				
Acres (Based upon Final Contracts)	7,034	2,222.10	37,006.12	46,262.22
Kilowatts Saved (kilowatt hours)	1,294,256	408,865.51	6,809,111.28	8,512,233
Fossil Fuels Saved (gallons)	110,238	34,825	579,967	725,030
<b>2013</b>				
Acres (Based upon Final Contracts)	7,047	2,222.10	37,367.30	46,636.60
Kilowatts Saved (kilowatt hours)	1,296,556	408,866	6,875,583	8,581,134
Fossil Fuels Saved (gallons)	110,447	34,829	585,698	730,986
<b>2014</b>				
Acres (Based upon Final Contracts)	7,052.00	2,237.40	37,137.60	46,427.00
Kilowatts Saved (kilowatt hours)	1,297,568	411,682	6,833,318	8,542,568
Fossil Fuels Saved (gallons)	110,534	35,069	582,097	727,700

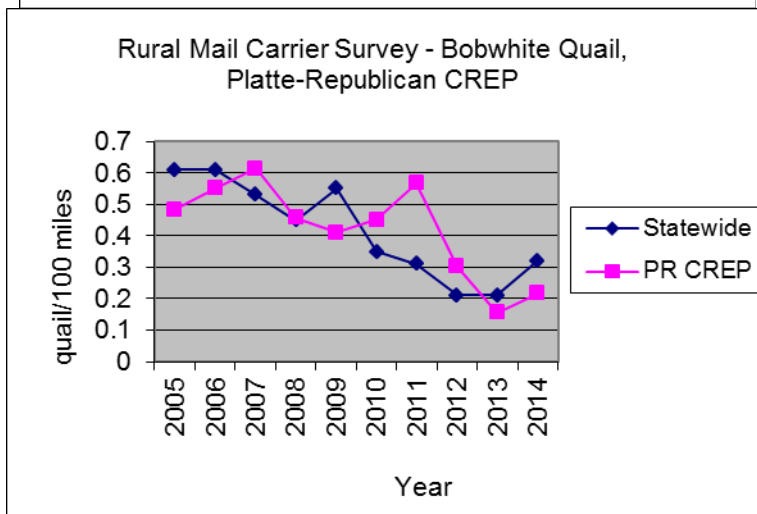
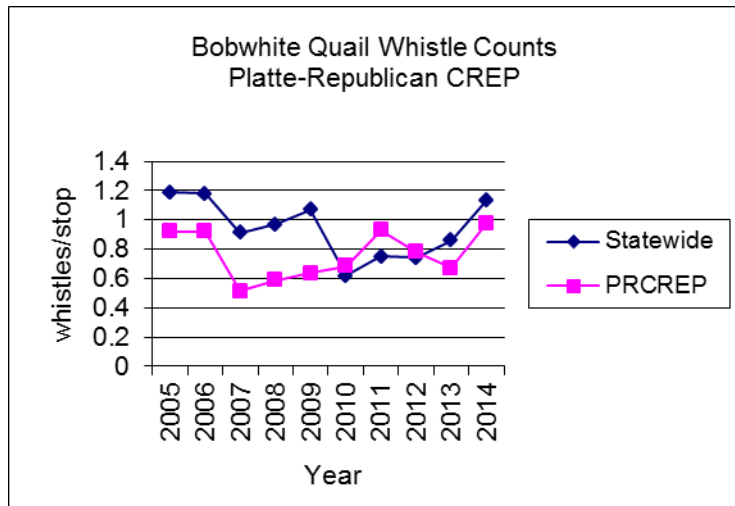
## MONITORING OF WILDLIFE POPULATIONS

Monitoring of wildlife populations in the Platte-Republican Basins CREP area continues to be completed by the Nebraska Game and Parks Commission using standard game surveys. The primary impact on wildlife in the CREP area at this point has been the enrollment of >46,000 acres of formerly cropped irrigated fields into appropriate wildlife cover. The bulk of the CREP acres were enrolled in the spring of 2005 and were planted to perennial cover in the fall of 2005 and spring of 2006. Thus, in looking at the following graphs, the 2005 survey data provides a baseline for detecting changes in populations that can be attributed, at least in part, to the CREP enrollment. Annual variations in wildlife populations are very common, and in Nebraska, are typically tied to weather conditions. Surveyed wildlife populations in the CREP area are compared to those across the state in order to better understand the relative impact of CREP habitat enrollments on Nebraska wildlife populations of interest.

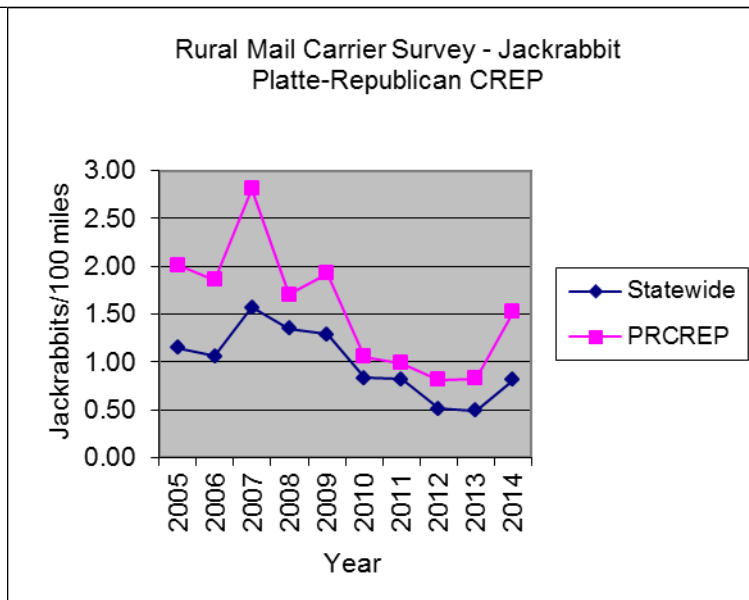
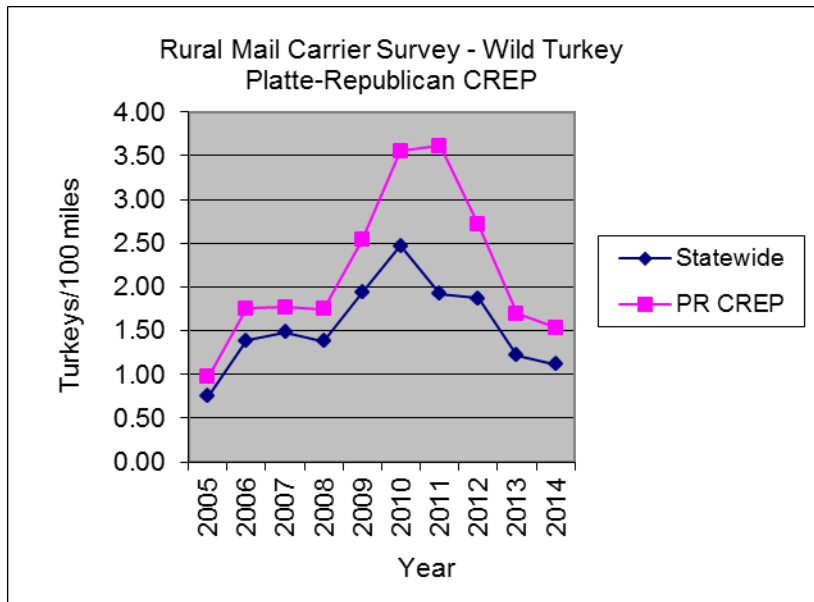
2012 saw Nebraska enter into the worst drought since the 1930's. Conditions improved some in 2013 and continued to improve in 2014. This was the first year in the past 3 that CRP (which includes CREP fields) tracts were not hayed or grazed in late summer to provide emergency forage for livestock. Drought has continued to subside in the area and only a small portion remains classified in any drought category. Wildlife populations should continue to rebound given a return to more normal precipitation or an abnormally harsh winter in the coming years.



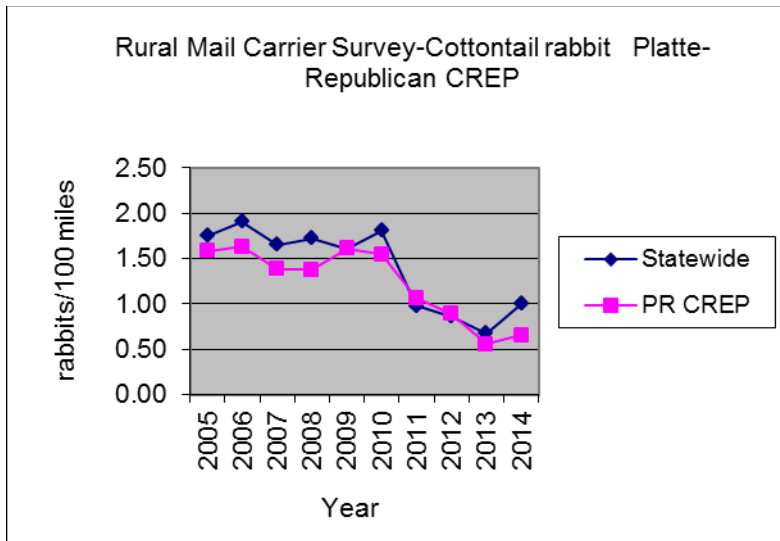
The ring-necked pheasant population in the CREP increased this year, ending a three year slide. More favorable weather patterns have improved habitat quality and quantity in the region. The availability of CREP habitat coupled with improved weather in the future should mean a continued upward trend. The CREP numbers remained higher than statewide figures. CREP fields contributed valuable winter cover and nesting cover in the area. Hunters continue to find good pheasant numbers in the CREP area.



The Bobwhite Quail Whistle Count Survey indicated the population of breeding birds in the region was lower than statewide, but showed increases in the PR CREP region after two years of decreases. The Rural Mail Carrier Survey (RMCS) takes place in July and for the first time in 2 years we are seeing populations begin to rebound. More normal precipitation patterns and a mild winter helped numbers rebound. Hunters reported frequently finding quail on CREP fields this fall while pheasant hunting. Although the Rural Mail Carrier Survey (RMCS) in late summer indicated that the CREP area had lower quail numbers than statewide coming into this fall, the upward trend is encouraging.



The RMCS in late summer for wild turkeys in 2014 showed a slower rate of decline than previous years. As with other species, we expect to see wild turkeys rebound due to favorable weather conditions. However, populations in the area and statewide remain strong. CREP fields provide secure nesting cover for turkeys, and CREP numbers continue to be higher than statewide. Jackrabbit numbers in the CREP area increased in 2014 and remain above statewide levels.



Cottontail rabbit numbers in the CREP area increased from last year, similar to what has happened statewide. Rabbit populations are cyclic and this upward trend could continue.

Currently, CREP fields are providing high quality wildlife habitat with a diverse mix of grasses, forbs, and legumes. These are providing key grassland habitats which are required for strong pheasant populations. Landowners, hunters, and natural resource enthusiasts continue to report excellent wildlife use of CREP fields. CREP enrollments are contributing to success of these populations, and with appropriate management will continue to do so throughout the life of the CREP contracts.

### **SUMMARY OF NON-FEDERAL PROGRAM EXPENDITURES**

The State of Nebraska agreed to contribute not less than 20 percent nor more than 50 percent of the overall annual program costs, through cash contributions or in-kind services. The in-kind services include current water conservation activities, water quality activities, and wildlife enhancement activities, in the CREP area within each organization's individual jurisdiction. Table 13 indicates the level of support that various local and state agencies have pledged to the project and the in-kind services they provided during the named fiscal years.



**Table 13 – Summary of Non-Federal Program Expenditures**

<b>Organization</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Bostwick Irrigation District	\$465,792.00	\$478,069.00	\$456,367.00	\$258,109.00	\$275,724.00
Central NE Public Power & Irrigation	\$15,154.00	\$4,206.00	\$1,549.00	\$1,404.00	\$3,799.00
Central Platte Natural Resources Dist.	\$360,007.00	\$989,800.00	\$0.00	\$1,404.00	\$0.00
Lower Republican NRD	\$176,136.00	\$332,356.00	\$106,371.00	\$510,063.00	\$615,571.00
Middle Republican NRD	\$127,840.00	\$143,235.00	\$224,200.00	\$985,045.00	\$174,616.00
Nebraska Dept. of Agriculture	\$25,825.00	\$26,695.00	\$20,079.00	\$19,958.00	\$9,914.00
Nebraska Dept. of Natural Resources	\$1,158,691.00	\$4,257,985.00	\$10,804,053.00	\$2,471,190.00	\$1,730,885.00
Nebraska Game & Parks	\$176,554.00	\$471,293.00	\$383,667.00	\$474,410.00	\$500,959.00
Nebraska Public Power District	\$149,307.00	\$180,971.00	\$189,615.00	\$176,042.00	\$191,578.00
North Platte Natural Resources Dist.	\$325,286.00	\$251,036.00	\$398,259.00	\$176,042.00	\$56,265.00
Pathfinder Irrigation District	\$244,141.00	\$208,292.00	\$183,892.00	\$180,416.00	\$224,452.00
Tri-Basin Natural Resources District	\$150,903.00	\$150,903.00	\$73,805.00	\$50,637.00	\$44,231.00
Twin Platte Natural Resources District	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00
Upper Republican NRD	\$225,000.00	\$180,000.00	\$15,000.00	\$47,000.00	\$197,500.00
<b>Yearly Totals</b>	<b>\$3,632,636.00</b>	<b>\$7,706,841.00</b>	<b>\$12,888,857.00</b>	<b>\$5,383,720.00</b>	<b>\$4,057,494.00</b>

<b>Organization</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Bostwick Irrigation District	\$221,655.00	\$185,170.00	\$161,576.00	\$0.00	\$0.00
Central NE Public Power & Irrigation	\$715.00	\$0.00	\$0.00	\$0.00	\$0.00
Central Platte Natural Resources Dist.	\$124,309.00	\$0.00	\$0.00	\$0.00	\$3,566,800.89
Lower Republican NRD	\$560,047.00	\$482,860.00	\$366,743.00	\$196,860.00	\$193,392.00
Middle Republican NRD	\$303,969.00	\$149,597.00	\$1,706,967.00	\$0.00	\$145,097.28
Nebraska Dept. of Agriculture	\$15,321.00	\$16,569.00	\$194,444.00	\$22,209.00	\$22,209.00
Nebraska Dept. of Natural Resources	\$17,047.00	\$1,963,044.00	\$868,024.00	\$873,043.00	\$883,290.17
Nebraska Game & Parks	\$588,381.00	\$315,715.00	\$111,675.00	\$551,915.00	\$575,887.00
Nebraska Public Power District	\$154,273.00	\$163,544.00	\$200,817.00	\$160,185.00	\$191,608.00
North Platte Natural Resources Dist.	\$124,309.00	\$62,384.00	\$161,722.00	\$111,406.00	\$275,571.40
Pathfinder Irrigation District	\$257,200.00	\$288,743.00	\$173,939.00	\$217,485.00	----
Tri-Basin Natural Resources District	\$0.00	\$0.00	\$57,878.00	\$78,415.00	\$90,393.00
Twin Platte Natural Resources District	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00	\$32,000.00
Upper Republican NRD	\$75,002.00	\$250,000.00	\$197,500.00	\$0.00	\$197,500.00
<b>Yearly Totals</b>	<b>\$2,474,228.00</b>	<b>\$3,909,626.00</b>	<b>\$4,233,285.00</b>	<b>\$2,243,518.00</b>	<b>\$6,173,748.74</b>
<b>Program Total</b>	<b>\$52,703,953.74</b>				

**Table 14 - Projected Contributions by Organization**

<b>Organization</b>	<b>Projected</b>	<b>Organization</b>	<b>Projected</b>
Bostwick Irrigation District	\$494,473	Central Platte NRD	\$345,460
Pathfinder Irrigation District	\$190,500	North Platte NRD.	\$100,000
Central NE Public Power & Irrigation	\$0	Twin Platte NRD	\$32,000
Nebraska Public Power District	\$143,120	Tri-Basin NRD	\$217,250
Nebraska Dept. of Agriculture	\$13,500	Lower Republican NRD	\$366,000
Nebraska Dept. of Natural Resources	\$887,000	Middle Republican NRD	\$151,116
Nebraska Game & Parks	\$130,000	Upper Republican NRD	\$100,000
<b>Total Annual Projection</b>	<b>\$3,170,419</b>		

## **PROGRESS ON FULFILLING OTHER PROGRAM COMMITMENTS**

1. Provide cost share payments.

As of September 30, 2014, \$1,993,075 had been expended by the State of Nebraska to meet its portion of the 50 percent cost-share of practice establishment.

2. Pay all cost associated with annual monitoring programs.

The Department of Natural Resources staff investigated ten percent of existing contracts involving surface water during the 2014.

The local natural resources districts also investigated their records of water use for ten percent of existing contracts involving groundwater. No violations were found.

3. Provide wildlife conservation planning for producers on an as-requested basis.

The Nebraska Game and Parks Commission and Pheasants Forever continue to provide wildlife conservation planning assistance for any landowner enrolled, or interested in enrolling, in the Platte-Republican CREP. This is an ongoing commitment from these partners, in that landowners may request assistance for wildlife habitat planning and management before they enroll, while enrolling or after they have already enrolled in CREP.

4. Establish an Enhancement Program Steering Committee.

The Department of Natural Resources has established a CREP Steering Committee. The list of members can be found in Appendix E. Since inception of the program the Committee has been meeting regularly and has assigned subcommittees to work on specific projects.

5. Provide staffing support for a full-time CREP administrative coordinator.

The Department of Natural Resources has two staff members appointed as CREP coordinators to facilitate and oversee program implementation, coordination, promotional activities, technical assistance, and monitoring and evaluation. Both staff members have other responsibilities in addition to CREP, but the Department Director and other staff members also devote considerable amounts of their time in facilitating CREP and overseeing its implementation. In all 8 staff members were involved in administering the program.

6. Seek applicants willing to participate in CREP.

The Department and partners continue to look at ways to enhance CREP through additional awareness. Subsequent to Amendment 3 to the CREP MOA the partners have worked with local natural resource managers in these expanded areas to increase the program's potential.

The focus has been through local and federal offices in the areas eligible for CREP sign-up. In addition, events such as local workshops and Husker Harvest Days have been utilized to get the word out.

7. Facilitate provision of technical assistance from local conservation districts.

Funding through the Nebraska Soil, Water Conservation Fund and the Nebraska Natural Resources Water Quality Fund and Interrelated Water Management Plan Program Fund was provided to the local conservation districts to aid in delivering technical assistance.

8. Implement a broad campaign for continuous public information and education regarding the CREP.

The Department of Natural Resources, the FSA and the local natural resources districts continue to inform and educate the public about the program. Information is available online and continues to be refined and expanded. The Department of Natural Resources updated the CREP pages and links on its' website in January 2014. Events will continue to be staffed with CREP promoters and educational materials. County service center staff are being trained and reminded to look for situations where the program would be of interest to their clients. Since some commodity prices have softened and rental rates increased, now may be the time to develop promotional activities for CRP.

9. Work to ensure coordination with other agricultural conservation programs is included on the CREP Steering Committee.

Dialog between these agencies continues through the Platte-Republican Resources Area CREP sign-up process. The committee has a broad base of membership and each member serves to bring their focus interests to the discussion and informs their constituency. Ongoing meetings with partners and program administrators will enable the program to remain a recognized option for long term farm management.

10. Enter into a Water Use Contract with every CREP participant.

The Department of Natural Resources is currently maintaining 509 active Water Use Contracts, which is a slight increase from the previous year.

11. Take all reasonable steps to ensure water savings achieved by Water Use Contracts shall be used for environmental and public recreational purposes in a stream, river, aquifer, or reservoir.

The Department of Natural Resources required all applicants whose irrigation water could not be saved in a storage reservoir or underground aquifer to seek a transfer to instream use to meet the objectives of CREP. Agreements between the United States Bureau of Reclamation and the Central Nebraska Public Power and Irrigation District allow for the storage of water saved by forgoing irrigation on acres that have been enrolled in CREP.

12. Take all reasonable steps to enforce the requirements of the Water Use Contracts.

The Department and the natural resources districts continue to monitor water use on lands signed under CREP contracts. Many amendments to contracts have also occurred because of the sale of land, or differences in measurements. Field inspections serve to verify the land has adequate cover and is being managed according to contract and is not being irrigated.

13. Seek the approval of this agreement with such independent boards or bodies within the State as may be necessary or appropriate to maximize objectives of CREP.

The Department of Natural Resources continues to work with all affected irrigation districts, natural resources districts and water storage reservoir owners to ensure that water savings achieved by CREP would be stored or transferred to maximize the objectives of CREP.

## **RECOMMENDATIONS FOR PROGRAM IMPROVEMENT**

Following the initial phenomenal rate of sign up to participation in the Nebraska Platte-Republican Resources Area CREP, there continues to be a low level of new sign-ups. Some of the recent inactivity is due to restrictions and limits in the program as compared to other available programs and commodity prices. The third amendment to the Platte-Republican Resources Area CREP MOA has addressed some of the issues that reduced interest in the program. The improvements include expanding the eligible area and adding or modifying the eligible practices.

The CREP is a long-term continuous sign-up program. The amendment 3 improvements have been in effect since September 6, 2011. The robust farm economy and significant increases in land sales have had an impact on the rate of sign-up for this program. Commodity rates have moderated, but land sale/rental prices have not moderated to the same extent, so it is too early to determine the impact of reduced commodity values on the sign-up rate. The market influences have traditionally been cyclical, so there may be a commensurate reduction in per acre rental and land sale rates. The FSA has raised the cash rental rate basis for CREP payments in an attempt to keep up with the prosperous agricultural economy. This should help increase sign-up for the 2014-15 fiscal year and beyond.

The initial sign-up program was begun at the end of a droughty period. The year 2012 summer saw a return to drought in Nebraska and neighboring states. Generally speaking, dry conditions continued in much of the CREP area through the 2014 crop season, so it is still plausible that enrollment will see an increase. It is a way to diversify and protect against risks associated with continued adverse weather patterns. This opportunity for landowners to diversify their income base will be a topic that continues to be stressed by federal, state and local partners and staff. The environmental benefits should continue to be touted in addition to the reductions in

consumptive use of irrigation water. The evidence of improved wildlife conditions on project lands should also be promoted.

Web based information that is geared toward potential participants will be posted and the links to the information will be distributed to program partners. The Department of Natural Resources updated the CREP pages and links on its' website in January 2014. Other media informational opportunities will be investigated. Promotional mailings will be utilized to directly target producers regarding eligible practices for their operation. The moderating of commodity prices should increase interest in the program. Expansion of the project area and increased flexibility for mid contract maintenance practices have been discussed and are being considered in order to increase enrollment. Reenrolling producers with expiring contracts should be a priority for both FSA county offices and DNR in the following year when the first CREP contracts originally enrolled in 2005 begin to expire.

There is still a need to reduce water use, during certain periods, to meet interstate compact requirements or interstate agreements in both the Republican and the Platte Basins. We are investigating and working with the partners to find new incentives and new partnerships. Along with the changes brought with the signing of the third amendment to the MOA, there is the option for local natural resources districts to enter into permanent conservation easements that initiate at the completion of the CREP contract period. This additional monetary incentive provides another option for landowners and the organizations involved in achieving the goals of interstate agreements and integrated management planning.

## **SUMMARY**

The Platte-Republican Resources Area CREP continues to provide the benefits intended from its inception. The most recently completed annual computations of surface water and groundwater savings indicate the reduction of consumptive use of water is greater than 42,000 acre-feet. This reduction of water consumption is making a significant contribution to the goals of this program and those of the state and local water management partners where reduction in stream flow depletions is necessary. The improvements to streamflow are particularly important following the severe drought a couple years ago. Enhanced stream flow has water quality benefits too. The reduction in use of millions of pounds of herbicide and fertilizer continues to improve water quality. The wildlife surveys demonstrate that the ground cover that is planted under this program is successfully providing good habitat for numerous species. An added benefit is the annual savings of over 8 million kilowatt-hours and over 700,000 gallons of fossil fuel. This provides additional environmental benefits. Significantly, the booming farm economy has only reduced program enrollment by less than two percent. Increases to the cash rental rate payment basis, stress from the drought and moderation of commodity markets should provide for increased participation in the near future. Educational and promotional opportunities will be utilized to ensure the program is recognized as a useful portfolio option. The program is providing benefits commensurate with the level of participation and should be continued.

Report submitted by:  
Curt Inbody and Mike Thompson, CREP Coordinators  
Department of Natural Resources

# **APPENDICES**

## **APPENDIX A: CREP Resources Area Maps**

- Figure 1: Nebraska Platte-Republican Resources Area
- Figure 2: Republican Resources Area
- Figure 3: Lower Platte Resources Area
- Figure 4: Upper Platte Resources Area
- Figure 5: Comparison of Original to New Project Area

## **APPENDIX B: CREP Acres 2013**

## **APPENDIX C: Consumptive Irrigation Requirement Map**

## **APPENDIX D: Net Corn Crop Irrigation Requirement: Inches/Acre Averaged by County**

## **APPENDIX E: CREP Steering Committee Members & ByLaws**

## **APPENDIX F: Summary of Acres Approved by County**

## **APPENDIX G: Summary of Acres Approved by NRD**

## **APPENDIX H: Summary of Acres Approved by Irrigation District**

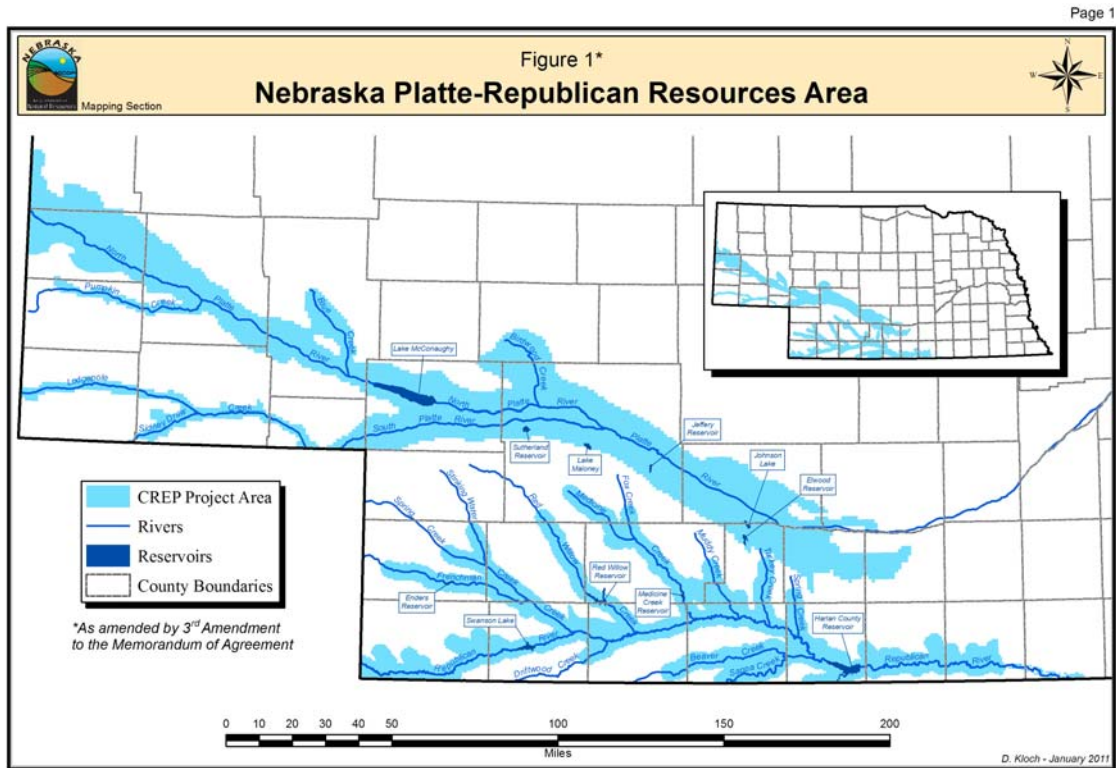
## **APPENDIX I: U.S. Bureau of Reclamation Accounting for Storage in Reservoirs**

## **APPENDIX J: Central Nebraska Public Power and Irrigation District Agreement for Accounting for Storage Water in Lake McConaughy**

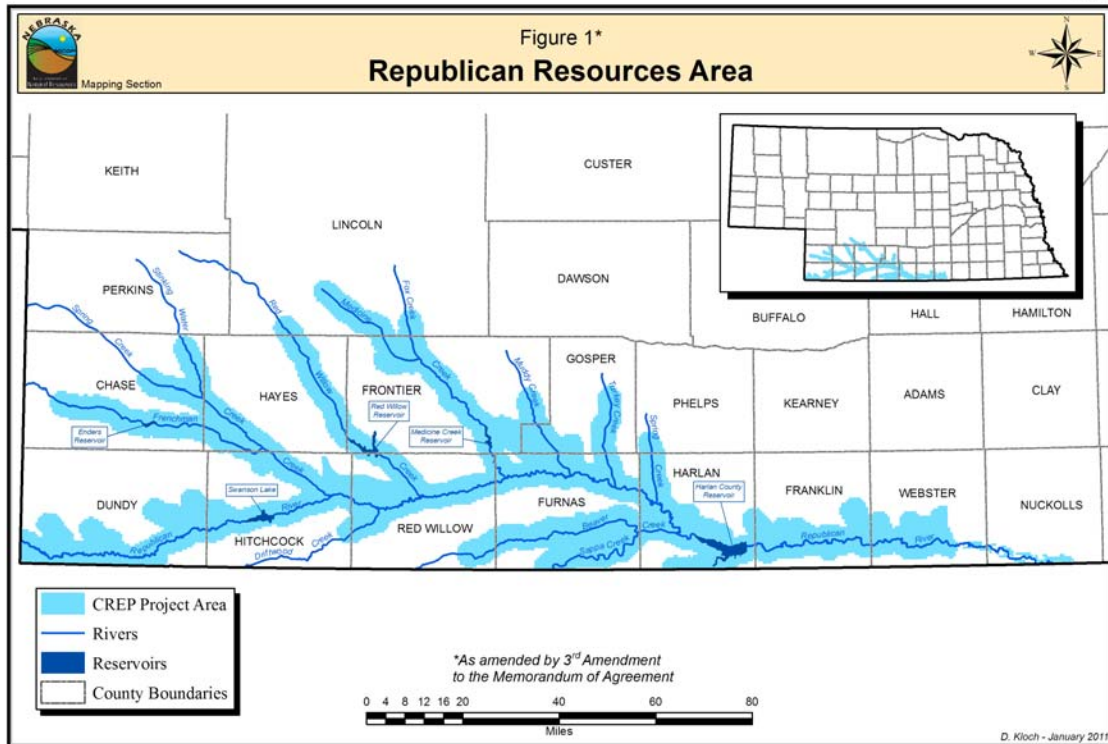
# APPENDIX A

## CREP RESOURCES AREA MAPS

### FIGURE I

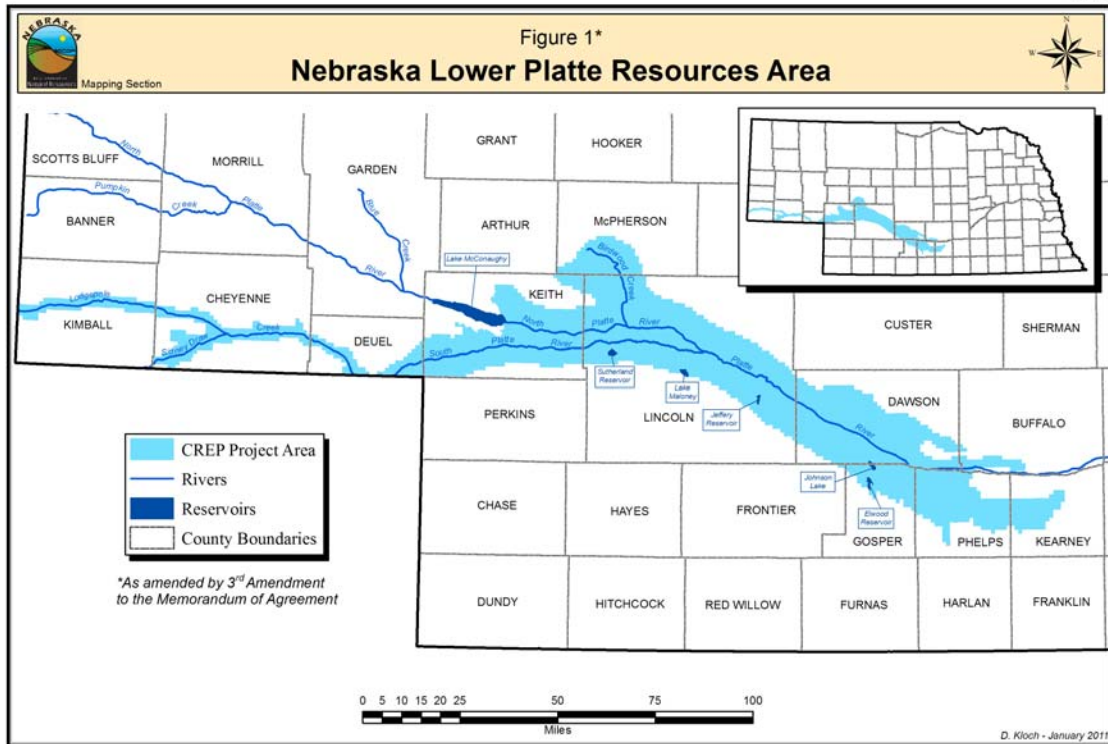


# FIGURE II

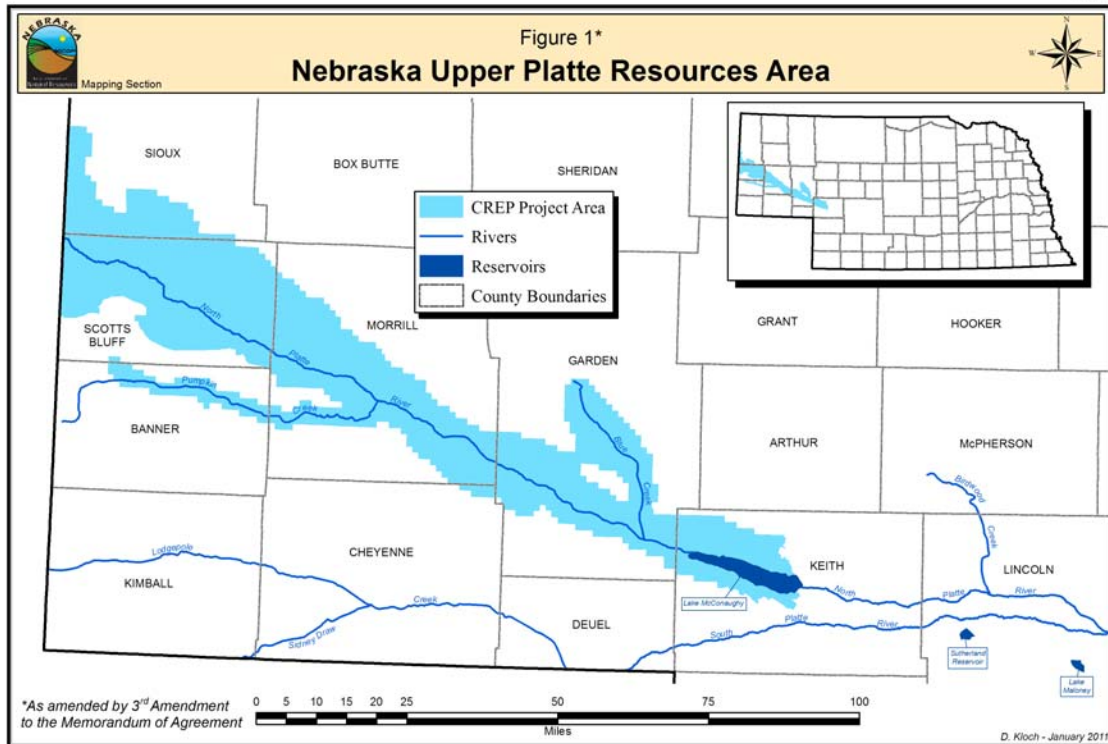




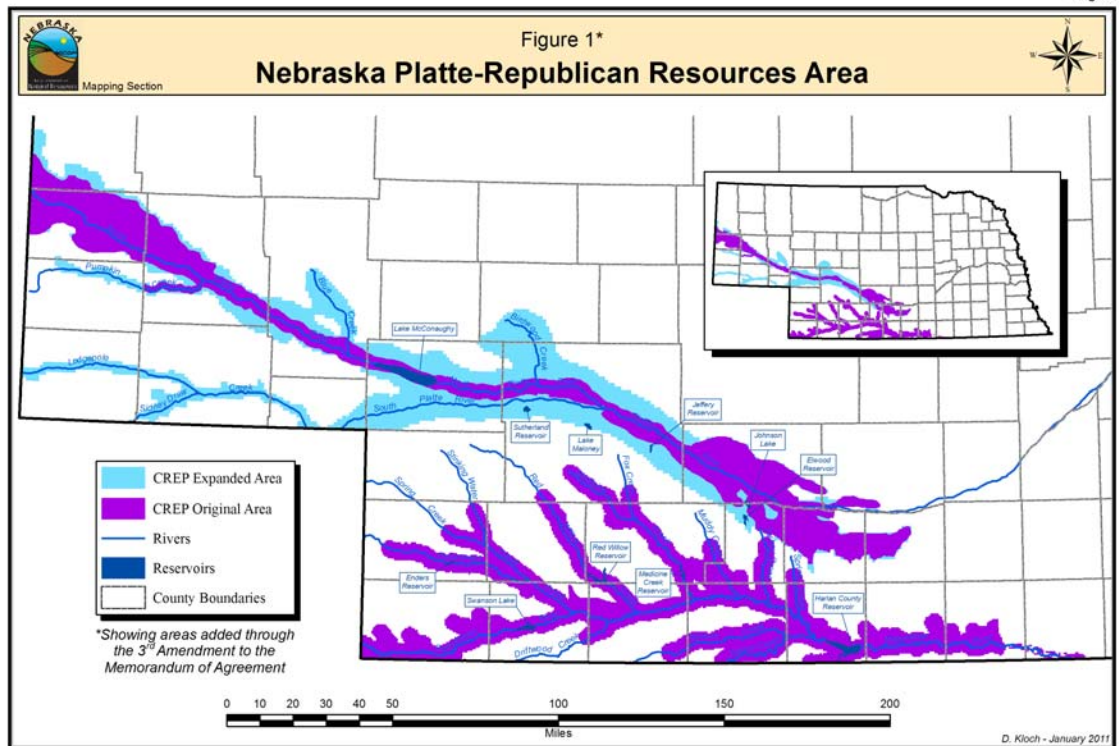
# FIGURE III



# FIGURE IV



# FIGURE V



## APPENDIX B

### CREP ACRES 2013

ID	Start Date	End Date	GW Only Acres	SW Only Acres	Comingled Acres	Total Acres Irrigated	Total Non-Irrigated Acres	Total Acres
7	6/1/2005	9/30/2019	136			136		136
9	12/1/2005	9/30/2020	794.8			794.8		794.8
10	6/1/2005	9/30/2019	55.4			55.4	3.2	58.6
11	11/1/2005	9/30/2020	136.3			136.3		136.3
12	6/1/2005	9/30/2019	97.2			97.2		97.2
13	6/1/2005	9/30/2019	125.9			125.9	8.4	134.3
14	10/1/2005	9/20/2020	123.9			123.9		123.9
16	11/1/2005	9/30/2020	130.1			130.1	30	160.1
18	10/1/2005	9/30/2020	85.9			85.9		85.9
20	11/1/2005	9/30/2020	68.1			68.1	13.1	81.2
21	11/1/2005	9/30/2020	74.4			74.4	0	74.4
22	11/1/2005	9/30/2020	73.9			73.9	0	73.9
23	11/1/2005	9/30/2020	206.4			206.4	14.6	221
24	10/1/2005	9/30/2015	135.6			135.6		135.6
25	10/1/2005	9/30/2020	93.9			93.9		93.9
26	8/1/2005	9/30/2015			106.6	106.6		106.6
27	10/1/2005	9/30/2020	172.3			172.3	13.7	186
29	1/1/2006	9/30/2020			85.7	85.7		85.7
30	10/1/2005	9/30/2020	109			109		109
31	1/1/2006	9/30/2020		77		77		77
32	7/1/2005	9/30/2015	223			223		223
33	7/1/2005	9/30/2015	142.5			142.5		142.5
34	10/1/2005	9/30/2020	164.7			164.7	33.3	198
40	7/1/2005	9/30/2015		53		53		53
41	10/1/2005	9/30/2020		14.8		14.8	2.1	16.9
42	10/1/2005	9/30/2020		48.6		48.6		48.6
43	12/1/2005	9/30/2016		10.8		10.8		10.8
44	7/1/2005	9/30/2020		4.6		4.6		4.6
46	7/1/2005	9/30/2019		11.4		11.4		11.4
47	7/1/2005	9/30/2019		58		58		58
48	10/1/2005	9/30/2020		27.4		27.4	3.2	30.6
49	1/1/2006	9/30/2020		29.7		29.7		29.7
50	10/1/2005	9/30/2015		31.5		31.5		31.5
51	11/1/2005	9/30/2020		8.3		8.3		8.3

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres	
52	10/1/2005	9/30/2020		26.5		26.5		26.5	
55	2/1/2006	9/30/2016		58.9		58.9		58.9	
56	10/1/2005	9/30/2020		29.1		29.1		29.1	
57	8/1/2005	9/30/2015	78.6			78.6		78.6	
58	10/1/2005	9/30/2020	29.4			29.4		29.4	
59	11/1/2005	9/30/2020	31.5			31.5		31.5	
60	11/1/2005	9/30/2020		251.5		251.5		251.5	
61	10/1/2005	9/30/2020	15.9			15.9		15.9	
62	11/1/2005	9/30/2020	124.5			124.5		124.5	
63	10/1/2005	9/30/2020	164.3			164.3	12.9	177.2	
65	12/1/2005	9/30/2020	63.7			63.7		63.7	
67	11/1/2005	9/30/2020	269.44			269.44	10.76	280.2	
68	11/1/2005	9/30/2016	163.8			163.8	5.2	169	
69	6/1/2005	9/30/2019	156			156	10.5	166.5	
70	6/1/2005	9/30/2019	9.2			9.2		9.2	
74	10/1/2005	9/30/2020	89.4			89.4		89.4	
75	10/1/2006	9/30/2021	237.4			237.4	54.2	291.6	
76	11/1/2005	9/30/2020	64.4			64.4		64.4	
79	11/1/2005	9/30/2020	259.7			259.7		259.7	
80	2/1/2006	9/30/2020	5		27	32		32	
85	11/1/2005	9/30/2020	61.5			61.5		61.5	
86	10/1/2005	9/30/2020	164			164	9.5	173.5	
87	12/1/2005	9/30/2020	Contract terminated after repayment 2013						
88	12/1/2005	9/30/2020	Contract terminated after repayment 2013						
89	11/1/2005	9/30/2020	69			69	11.1	80.1	
90	11/1/2005	9/30/2020	128.5			128.5	0.8	129.3	
91	11/1/2005	9/30/2020	146			146	6	152	
92	12/1/2005	9/30/2020	145.5			145.5		145.5	
93	12/1/2005	9/30/2020	127.3			127.3	13.7	141	
94	12/1/2005	9/30/2020	132.7			132.7	27.3	160	
95	11/1/2005	9/30/2016	62.2			62.2		62.2	
96	12/1/2005	9/30/2020	465.9			465.9		465.9	
97	6/1/2005	9/30/2019	89.1			89.1		89.1	
98	12/1/2005	9/30/2020	113.6			113.6		113.6	
99	12/1/2005	9/30/2020	253.2			253.2		253.2	
100	12/1/2005	9/30/2020	297			297	2.4	299.4	
101	12/1/2005	9/30/2020	5.7		47	52.7	6.2	58.9	
102	11/1/2005	9/30/2020	56.4			56.4	13.6	70	

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
103	11/1/2005	9/30/2020	57.5			57.5	12.3	69.8
104	11/1/2005	9/30/2020	130.6			130.6	26.5	157.1
105	10/1/2005	9/30/2015	83.9		16	99.9		99.9
106	12/1/2005	9/30/2020	1.4		4.8	6.2		6.2
108	10/1/2005	9/30/2020		171.6		171.6		171.6
109	10/1/2005	9/30/2020			54	54		54
110	1/1/2006	9/30/2015		13.2		13.2		13.2
111	10/1/2005	9/30/2020	39.3	70.5		109.8		109.8
114	10/1/2005	9/30/2020		22.2		22.2		22.2
115	10/1/2005	9/30/2020		103.4		103.4		103.4
117	10/1/2005	9/30/2020		50.4		50.4	0.6	51
119	10/1/2005	9/30/2015		76.3		76.3		76.3
123	1/1/2006	9/30/2016		7.5		7.5		7.5
124	10/1/2005	9/30/2015			32.4	32.4		32.4
125	8/1/2005	9/30/2015		28.4		28.4	0	28.4
126	1/1/2006	9/30/2020	147.7			147.7		147.7
127	10/1/2006	9/30/2020	2	264.8	10.5	277.3		277.3
150	10/1/2005	9/30/2020		132.5		132.5		132.5
151	8/1/2005	9/30/2019		71.4		71.4		71.4
153	10/1/2005	9/30/2015		32.1		32.1		32.1
154	10/1/2005	9/30/2019		17.6		17.6		17.6
156	7/1/2005	9/30/2014		113		113		113
157	10/1/2005	9/30/2020		39.5		39.5		39.5
158	10/1/2005	9/30/2020		125.9		125.9		125.9
159	10/1/2005	9/30/2020		8.5		8.5		8.5
160	10/1/2005	9/30/2020		20.2		20.2		20.2
161	10/1/2005	9/30/2020		141.5		141.5		141.5
162	10/1/2005	9/30/2020		18.4		18.4		18.4
163	10/1/2005	9/30/2020		6		6		6
164	10/1/2005	9/30/2020		18.6		18.6		18.6
166	1/1/2006	9/30/2016		7.5		7.5		7.5
167	10/1/2005	9/30/2020		39.5		39.5		39.5
168	10/1/2005	9/30/2020		56.5		56.5		56.5
169	1/1/2006	9/30/2020		123.6		123.6		123.6
170	10/1/2005	9/30/2015		59.7		59.7		59.7
171	10/1/2005	9/30/2015		53.5		53.5		53.5
193	10/1/2005	9/30/2015		66.3		66.3		66.3
194	8/1/2005	9/30/2020		24.2		24.2		24.2

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
195	10/1/2005	9/30/2020		24.1		24.1		24.1
196	10/1/2005	9/30/2020		86.6		86.6		86.6
197	10/1/2005	9/30/2020		158.2		158.2		158.2
198	10/1/2005	9/30/2015		26.7		26.7		26.7
199	10/1/2005	9/30/2015		93.6		93.6		93.6
200	10/1/2005	9/30/2020		69.6		69.6		69.6
201	10/1/2005	9/30/2020		103.6		103.6		103.6
204	10/1/2005	9/30/2020		44.9		44.9		44.9
205	10/1/2005	9/30/2020		13.6		13.6		13.6
210	10/1/2005	9/30/2015		86.5		86.5		86.5
213	10/1/2005	9/30/2020		7.7		7.7		7.7
214	10/1/2005	9/30/2020		198.6		198.6		198.6
215	10/1/2005	9/30/2020			74.7	74.7		74.7
216	10/1/2005	9/30/2020		64.9		64.9		64.9
217	10/1/2005	9/30/2015		31.1		31.1		31.1
218	10/1/2005	9/30/2020		65.3		65.3		65.3
220	11/1/2005	9/20/2020	21.1			21.1		21.1
221	11/1/2005	9/30/2020	28			28		28
222	11/1/2005	9/30/2020	137			137		137
223	10/1/2005	9/30/2020	95.7			95.7		95.7
224	10/1/2005	9/30/2020	169			169	19.1	188.1
225	12/1/2005	9/30/2016	14.6		106.1	120.7		120.7
226	5/1/2005	9/30/2015	28.7			28.7		28.7
227	1/1/2006	9/30/2016	3.6	57	69.8	130.4		130.4
229	11/1/2005	9/30/2016	62.6			62.6		62.6
230	1/1/2006	9/30/2020			134.9	134.9		134.9
232	1/1/2006	9/30/2020		56		56		56
233	1/1/2006	9/30/2016	10.9	2	35.7	48.6		48.6
234	11/1/2005	9/30/2020		181.4		181.4		181.4
235	12/1/2005	9/30/2020	46.1			46.1		46.1
236	1/1/2006	9/30/2016		40.1		40.1		40.1
241	11/1/2005	9/30/2016	86.6		85.7	172.3		172.3
242	10/1/2005	9/30/2020		26.6		26.6		26.6
243	10/1/2005	9/30/2020		37.9		37.9		37.9
248	11/1/2005	9/30/2020	73.8	10.1	49.9	133.8	6.9	140.7
249	11/1/2005	9/30/2020		22.9		22.9		22.9
251	10/1/2005	9/30/2015	115.9			115.9		115.9
252	12/1/2005	9/30/2016	337.7			337.7	12.1	349.8

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
253	10/1/2005	9/30/2020			24	24		24
256	1/1/2006	9/30/2020	1.6		41.7	43.3		43.3
257	11/1/2005	9/30/2020	7.6			7.6		7.6
258	10/1/2005	9/30/2020	7			7		7
259	8/1/2005	9/30/2015	25.2			25.2		25.2
260	9/1/2005	9/30/2019	75.5			75.5		75.5
261	10/1/2005	9/30/2020	336.5			336.5		336.5
262	12/1/2005	9/30/2020	120			120	12.4	132.4
264	10/1/2005	9/30/2020	70.7			70.7	2.1	72.8
265	12/1/2005	9/30/2020	125.3			125.3	7.8	133.1
266	6/1/2005	9/30/2015	125.1			125.1		125.1
267	12/1/2005	9/30/2020	224.7			224.7		224.7
269	6/1/2005	9/30/2019	67.6			67.6		67.6
270	11/1/2005	9/30/2020	Contract terminated after repayment 2013					
271	8/1/2005	9/30/2019	20			20		20
273	12/1/2005	9/30/2020	135.4			135.4		135.4
274	11/1/2005	9/30/2020	258.7			258.7	14	272.7
275	6/1/2005	9/30/2019	24.7			24.7		24.7
276	11/1/2005	9/30/2020	181			181		181
277	6/1/2005	9/30/2019	65.5			65.5		65.5
278	6/1/2005	9/30/2019	78.3			78.3		78.3
279	11/1/2005	9/30/2020	140.3			140.3	32.3	172.6
281	11/1/2005	9/30/2020		44.4		44.4		44.4
282	1/1/2006	9/30/2020	1.5		22.6	24.1		24.1
283	1/1/2006	9/30/2020			37.5	37.5		37.5
284	1/1/2006	9/30/2020	3.5		58.1	61.6		61.6
285	2/1/2006	9/30/2020			4.8	4.8		4.8
286	1/1/2006	9/30/2015		23.6		23.6		23.6
288	9/1/2005	9/20/2019		14.9		14.9		14.9
289	10/1/2005	9/30/2015	124			124		124
290	10/1/2005	9/30/2015		75.8		75.8		75.8
291	10/1/2005	9/30/2015		29.7		29.7		29.7
294	11/1/2005	9/30/2016	177.2			177.2		177.2
295	10/1/2005	9/30/2015		75.3		75.3		75.3
296	10/1/2005	9/30/2015	137.8			137.8		137.8
297	10/1/2005	9/30/2019	390.6			390.6		390.6
298	11/1/2005	9/30/2020	43.9			43.9		43.9
299	11/1/2005	9/30/2020	18.9			18.9		18.9



ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
300	9/1/2005	9/30/2019	13.8			13.8		13.8
301	8/1/2005	9/30/2019		25.4		25.4		25.4
302	10/1/2005	9/30/2015	28.1			28.1		28.1
303	1/1/2006	9/30/2020	118.6			118.6		118.6
307	6/1/2005	9/30/2019	79.5			79.5		79.5
308	12/1/2005	9/30/2020	82.2			82.2		82.2
314	12/1/2005	9/30/2020	96.9			96.9		96.9
316	10/1/2005	9/30/2020	60.7		18.6	79.3	10	89.3
317	11/1/2005	9/30/2020	23.4		125	148.4		148.4
318	1/1/2006	9/30/2020	4.5		173	177.5		177.5
319	11/1/2005	9/30/2020	15.9			15.9		15.9
320	10/1/2005	9/30/2020		8		8		8
322	10/1/2005	9/30/2020	33.9			33.9		33.9
323	11/1/2005	9/30/2020	121			121		121
326	11/1/2005	9/30/2020	128			128	15	143
327	10/1/2005	9/30/2020	124.5			124.5		124.5
329	12/1/2005	9/30/2020	197			197		197
330	12/1/2005	9/30/2020	9.3			9.3		9.3
334	11/1/2005	9/30/2020		40.5	21	61.5		61.5
335	7/1/2005	9/30/2019	110.8			110.8		110.8
336	6/1/2005	9/30/2019	85.9			85.9		85.9
338	1/1/2006	9/30/2020		37.8		37.8		37.8
339	1/1/2006	9/30/2020		97		97	6	103
340	6/1/2005	9/30/2015	203.4			203.4		203.4
341	11/1/2005	9/30/2020		222.5		222.5		222.5
342	3/1/2006	9/30/2020	106.7			106.7		106.7
343	7/1/2005	9/30/2019	260.6			260.6		260.6
347	1/1/2006	9/30/2020	41.6		20	61.6		61.6
348	1/1/2006	9/30/2020	104.3			104.3		104.3
349	11/1/2005	9/30/2020	25.13	22.57		47.7		47.7
350	11/1/2005	9/30/2016	25.6			25.6		25.6
351	11/1/2005	9/30/2020			144.3	144.3		144.3
352	1/1/2006	9/30/2020		25.4	154.7	180.1		180.1
353	1/1/2006	9/30/2020			62.5	62.5		62.5
354	1/1/2006	9/30/2020		7.8	59.3	67.1		67.1
355	1/1/2006	9/30/2020			177.1	177.1		177.1
356	1/1/2006	9/30/2020		67.7		67.7		67.7
361	2/1/2006	9/30/2016	116.0			116.0		116.0

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
362	1/1/2006	9/30/2016	4.4		67	71.4		71.4
363	12/1/2005	9/30/2016	22.2			22.2		22.2
364	11/1/2005	9/30/2020	1.52		100.88	102.4		102.4
365	1/1/2006	9/30/2020		221.7		221.7		221.7
366	11/1/2005	9/30/2020	44.7			44.7		44.7
367	1/1/2006	9/30/2020	16.2		73.2	89.4		89.4
368	1/1/2006	9/30/2020	255			255		255
369	12/1/2005	9/30/2016	93.1			93.1		93.1
370	1/1/2006	9/30/2020		127.8		127.8	18.5	146.3
372	10/1/2005	9/30/2020		56.9		56.9		56.9
373	10/1/2005	1/30/2020		37.7		37.7		37.7
374	10/1/2005	9/30/2020		18.9		18.9		18.9
375	10/1/2005	9/30/2020		42		42		42
378	10/1/2005	9/30/2020	60.9			60.9		60.9
379	1/1/2006	9/30/2020			22.3	22.3		22.3
380	11/1/2005	9/30/2020	91.4			91.4		91.4
381	11/1/2005	9/30/2016	38.7			38.7		38.7
382	1/1/2006	9/30/2015		53.9		53.9		53.9
383	12/1/2005	9/30/2016	114.8			114.8	29	143.8
384	12/1/2005	9/30/2020			56.8	56.8		56.8
385	12/1/2005	9/30/2020		134.9		134.9		134.9
395	6/1/2005	9/30/2019	54.3			54.3		54.3
397	8/1/2005	9/30/2019		58.8		58.8		58.8
398	3/1/2006	9/30/2020		14		14		14
399	6/1/2005	9/30/2019	134.7			134.7		134.7
400	12/1/2005	9/30/2016	37.7			37.7		37.7
401	1/1/2006	9/30/2015	30.1		84.6	114.7		114.7
402	11/1/2005	9/30/2020	49.7			49.7		49.7
404	1/1/2006	9/30/2016		11.1	45	56.1		56.1
405	11/1/2005	9/30/2016		180.6		180.6		180.6
406	1/1/2006	9/30/2016		19.3	87.5	106.8		106.8
408	11/1/2005	9/30/2020		0.7	43	43.7		43.7
409	12/1/2005	9/30/2020	315.6			315.6	25.1	340.7
410	11/1/2005	9/30/2019	112.8			112.8		112.8
411	12/1/2005	9/30/2020	46.4			46.4		46.4
412	1/1/2006	9/30/2016		119		119		119
414	1/1/2006	9/30/2016		16.4		16.4		16.4
417	1/1/2006	9/30/2016	37.8		53.6	91.4		91.4

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
418	1/1/2006	9/30/2016	12.1		28	40.1		40.1
420	11/1/2005	9/30/2016			52	52		52
421	11/1/2005	9/30/2016	62.7			62.7		62.7
423	11/1/2005	9/30/2016		18.5		18.5		18.5
424	12/1/2005	9/30/2016			75	75		75
425	1/1/2006	9/30/2016		21.2		21.2		21.2
426	1/1/2006	9/30/2016		48.1		48.1		48.1
427	1/1/2006	9/30/2020	93			93		93
428	10/1/2005	9/30/2015	26			26		26
429	11/1/2005	9/30/2020	60.5			60.5	20.6	81.1
430	11/1/2005	9/30/2020	52.5			52.5		52.5
431	11/1/2005	9/30/2020	109.3			109.3		109.3
432	11/1/2005	9/30/2020	96.7			96.7	15.6	112.3
433	11/1/2005	9/30/2020	66.7			66.7	2.7	69.4
434	11/1/2005	9/30/2016		99		99		99
437	2/1/2006	9/30/2020	5.4		60.1	65.5		65.5
439	10/1/2005	9/30/2020	275.2			275.2	24.7	299.9
440	11/1/2005	9/30/2016	130.8			130.8		130.8
441	12/1/2005	9/30/2020	205.8			205.8	28.8	234.6
442	12/1/2005	9/30/2020	182.4			182.4	26.5	208.9
444	1/1/2006	9/30/2020	99.5		26	125.5		125.5
445	11/1/2005	9/30/2016	65.5			65.5		65.5
446	12/1/2005	9/30/2016	26.2			26.2		26.2
447	10/1/2005	9/30/2020	92.5			92.5		92.5
448	12/1/2005	9/30/2020		29.7		29.7		29.7
449	12/1/2005	9/30/2020		48.1		48.1		48.1
451	10/1/2005	9/30/2015	82			82	3.1	85.1
452	12/1/2005	9/30/2020	99			99		99
456	12/1/2005	9/30/2020		15		15		15
457	1/1/2006	9/30/2020	5.8	18.4	158	182.2	12.4	194.6
458	11/1/2005	9/30/2020		48.4		48.4		48.4
459	12/1/2005	9/30/2020			137.6	137.6	9.6	147.2
460	1/1/2006	9/30/2016	171.9			171.9		171.9
461	11/1/2005	9/30/2020	173.8			173.8	55.3	229.1
462	11/1/2005	9/30/2020	3.1		121.6	124.7		124.7
463	1/1/2006	9/30/2020	20.3			20.3		20.3
464	6/1/2005	9/30/2015	81.3			81.3		81.3
465	6/1/2005	9/30/2015	106.1			106.1		106.1

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
466	6/1/2005	9/30/2019	110.4			110.4		110.4
467	1/1/2006	9/30/2020	46.9	21	23.1	91		91
468	6/1/2005	9/30/2015	8.7			8.7		8.7
469	12/1/2005	9/30/2016	19			19		19
470	1/1/2006	9/30/2016	28.6			28.6		28.6
488	10/1/2005	9/30/2020			71.2	71.2		71.2
508	2/1/2006	9/30/2020	239.7		41.2	280.9		280.9
526	10/1/2005	9/30/2020	84.9			84.9		84.9
530	10/1/2005	9/30/2020	133.6			133.6	16.7	150.3
535	12/1/2005	9/30/2020		108		108		108
536	11/1/2005	9/30/2015	8.4			8.4		8.4
537	1/1/2006	9/30/2020			74.4	74.4		74.4
544	1/1/2006	9/30/2020	197.5			197.5	10.6	208.1
548	10/1/2005	9/30/2020	126.9			126.9		126.9
562	11/1/2005	9/30/2020	167.2			167.2		167.2
563	10/1/2005	9/30/2020			120.1	120.1		120.1
566	10/1/2005	9/30/2020	35.2		63.6	98.8		98.8
568	10/1/2005	9/30/2020	78.5			78.5		78.5
569	11/1/2005	9/30/2020	94.3			94.3		94.3
570	10/1/2005	9/30/2020	60			60		60
571	1/1/2006	9/30/2020		151.9		151.9		151.9
572	1/1/2006	9/30/2020		20.7		20.7		20.7
574	1/1/2006	9/30/2020	47.4			47.4		47.4
575	1/1/2005	9/30/2016	89.5			89.5		89.5
578	10/1/2005	9/30/2020	107.8			107.8		107.8
579	11/1/2005	9/30/2015		46.5		46.5		46.5
583	11/1/2005	9/30/2020	95.3			95.3		95.3
585	11/1/2005	9/30/2016			70.2	70.2	9.1	79.3
586	12/1/2005	9/30/2016	30			30		30
587	1/1/2006	9/30/2015			30.8	30.8		30.8
589	10/1/2005	9/30/2020	135.2			135.2		135.2
590	11/1/2005	9/30/2020	28.6			28.6		28.6
591	11/1/2005	9/30/2016		54		54		54
593	1/1/2006	9/30/2020		103.2		103.2		103.2
596	3/1/2006	9/30/2020	123.8			123.8	27	150.8
597	11/1/2005	9/30/2020	167			167		167
598	1/1/2006	9/30/2020	45.6			45.6		45.6
599	12/1/2005	9/30/2016		69.8		69.8	2	71.8

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
600	1/1/2006	9/30/2016		124.4		124.4	32	156.4
601	11/1/2007	9/30/2016	63.6	116.4		180	11.1	191.1
602	12/1/2005	9/30/2020	100.1			100.1	39.4	139.5
603	1/1/2006	9/30/2020			78.4	78.4		78.4
605	11/1/2005	9/30/2020	264.8			264.8	40.2	305
606	11/1/2005	9/30/2020	139			139	7.5	146.5
607	1/1/2006	9/30/2020	82.5			82.5		82.5
608	1/1/2006	9/30/2020		28		28		28
609	12/1/2005	9/30/2020	229.5			229.5	70.8	300.3
611	11/1/2005	9/30/2020	116.5			116.5	6.9	123.4
612	12/1/2005	9/30/2016	0.8		156.8	157.6		157.6
615	10/1/2005	9/30/2015		21.1		21.1		21.1
616	11/1/2005	9/30/2016	21.9			21.9		21.9
617	11/1/2005	9/30/2016	81.1			81.1		81.1
618	12/1/2005	9/30/2020	139.7			139.7		139.7
619	11/1/2005	9/30/2019	20.8			20.8		20.8
621	10/1/2005	9/30/2015	133.2			133.2	4.6	137.8
623	2/1/2006	10/1/2020	98.8	41	16.2	156	2.2	158.2
624	1/1/2006	9/30/2020	155.6			155.6	16.7	172.3
627	2/1/2006	10/1/2020		47		47		47
628	1/1/2006	9/30/2020	252.3			252.3		252.3
629	1/1/2006	9/30/2020	126.4			126.4		126.4
630	1/1/2006	9/30/2020		31.5		31.5		31.5
631	12/1/2005	9/30/2020	125.1			125.1		125.1
632	12/1/2005	9/30/2020	120.7			120.7		120.7
633	11/1/2005	9/30/2020	224.8			224.8		224.8
637	12/1/2005	9/30/2020	126.7			126.7		126.7
639	5/1/2006	9/30/2020		78		78		78
640	12/1/2005	9/30/2016	50.3			50.3		50.3
641	11/1/2005	9/30/2020		110.1		110.1		110.1
648	6/1/2006	9/30/2020	38.4		111.4	149.8		149.8
650	12/1/2005	9/30/2020	309			309	2.2	311.2
654	4/1/2006	9/30/2016	128.6			128.6	32.1	160.7
655	2/1/2006	9/30/2020	209.6			209.6		209.6
656	12/1/2005	9/30/2020	126.3			126.3		126.3
657	2/1/2006	9/30/2020		43.3		43.3		43.3
658	12/1/2005	9/30/2020	121.4			121.4	27.1	148.5
660	1/1/2006	9/30/2016	34.8			34.8		34.8

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres	
661	1/1/2006	9/30/2020	232.7			232.7		232.7	
662	11/1/2006	9/30/2021			61.9	61.9		61.9	
663	2/1/2006	9/30/2016		37.6		37.6		37.6	
664	2/1/2006	9/30/2016	1.5			1.5		1.5	
665	4/1/2006	9/30/2020			30.2	30.2	10.1	40.3	
666	12/1/2005	9/30/2020	90.6			90.6	10.5	101.1	
667	5/1/2006	9/30/2020	9.6			9.6		9.6	
669	12/1/2005	9/30/2020	Contract terminated after repayment 2013						
671	1/1/2006	9/30/2020		11.1	34.8	45.9		45.9	
672	1/1/2006	9/30/2020			119.9	119.9		119.9	
673	1/1/2006	9/30/2016	129.9			129.9		129.9	
675	1/1/2006	9/30/2020	455.5			455.5		455.5	
676	1/1/2006	9/30/2020	Contract terminated after repayment 2013						
678	2/1/2006	9/30/2016	73.6			73.6		73.6	
679	2/1/2006	9/30/2020	180			180	19.3	199.3	
680	2/1/2006	9/30/2016	18			18		18	
681	1/1/2006	9/30/2020	28.1			28.1		28.1	
682	2/1/2006	9/30/2020	133.2			133.2	14.8	148	
683	1/1/2006	9/30/2020	136.7			136.7	19.5	156.2	
684	4/1/2006	9/30/2020	22.8			22.8		22.8	
685	3/1/2006	9/30/2020	8.9			8.9		8.9	
686	3/1/2006	9/30/2020	80.1			80.1		80.1	
687	4/1/2006	9/30/2016	25.3			25.3		25.3	
688	7/1/2006	9/30/2016	27.4		32.8	60.2		60.2	
689	3/1/2006	9/30/2020	19.3			19.3		19.3	
693	3/1/2006	9/30/2016	144.3			144.3	13	157.3	
694	10/1/2006	9/30/2021	133.3			133.3	19.7	153	
695	10/1/2006	9/30/2016	17.3	102.6		119.9		119.9	
698	10/1/2006	9/30/2021	4.5		80.5	85		85	
699	3/1/2006	9/30/2020	23.2			23.2		23.2	
701	4/1/2008	9/30/2022			23.1	23.1		23.1	
702	4/1/2008	9/30/2022		22.5		22.5		22.5	
703	Contract terminated after repayment 2014								
706	4/1/2008	9/30/2022		106.8		106.8		106.8	
713	10/1/2008	9/30/2023		36.6		36.6		36.6	
714	10/1/2008	9/30/2018		140.3		140.3		140.3	
718	4/1/2006	9/30/2020	63.9			63.9		63.9	
720	4/1/2006	9/30/2020	40			40		40	

ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres	
721	5/1/2006	9/30/2016	34.8			34.8		34.8	
722	10/1/2006	9/30/2021	13.7			13.7		13.7	
723	4/1/2006	9/30/2020	Contract terminated after repayment 2013						
724	3/1/2006	9/30/2016	41.5			41.5		41.5	
725	3/1/2006	9/30/2016	5.2			5.2		5.2	
726	8/1/2006	9/30/2016	24.3			24.3		24.3	
729	4/1/2006	9/30/2016		71.8		71.8		71.8	
730	7/1/2006	9/30/2020	47.7			47.7		47.7	
731	10/1/2006	9/30/2016	18.5		144.4	162.9		162.9	
732	6/1/2006	9/30/2017	87.2			87.2		87.2	
733	5/1/2006	9/30/2016	16.7			16.7		16.7	
734	1/1/2007	9/30/2021	70.8			70.8		70.8	
735	6/1/2006	9/30/2016	16.1			16.1		16.1	
736	7/1/2006	9/30/2020			9.3	9.3		9.3	
737	8/1/2006	9/30/2016			39.3	39.3		39.3	
738	12/1/2006	9/30/2020			40.98	40.98	4.92	45.9	
740	8/1/2006	9/30/2016	84.3	9.2	5.7	99.2		99.2	
741	10/1/2006	9/30/2020	126.5			126.5		126.5	
743	10/1/2006	9/30/2021		9.4		9.4		9.4	
744	7/1/2006	9/30/2020	10.7			10.7		10.7	
746	6/1/2006	9/30/2020	13.7		85.7	99.4		99.4	
750	10/1/2006	9/30/2021	Contract terminated after repayment 2013						
751	10/1/2006	9/30/2021	184.7			184.7		184.7	
752	10/1/2006	9/30/2016	8.8			8.8		8.8	
753	10/1/2006	9/30/2016	19.9			19.9		19.9	
760	7/1/2006	9/30/2020			7.3	7.3		7.3	
761	10/1/2006	9/30/2021	70.9		22.6	93.5		93.5	
762	7/1/2006	9/30/2020	120.9			120.9		120.9	
763	10/1/2006	9/30/2016		17		17		17	
764	12/1/2006	9/30/2021	76.6			76.6		76.6	
772	10/1/2006	9/30/2021	137.9			137.9		137.9	
780	11/1/2006	9/30/2021	63.8			63.8	9.1	72.9	
781	11/1/2006	9/30/2021	63.9			63.9	12	75.9	
785	10/1/2006	10/1/2021		11		11		11	
786	1/1/2007	9/30/2021			112.7	112.7		112.7	
787	11/1/2006	9/30/2021	84.2			84.2		84.2	
789	1/1/2007	9/30/2021		23.1		23.1		23.1	
791	3/1/2007	9/30/2021	73			73		73	

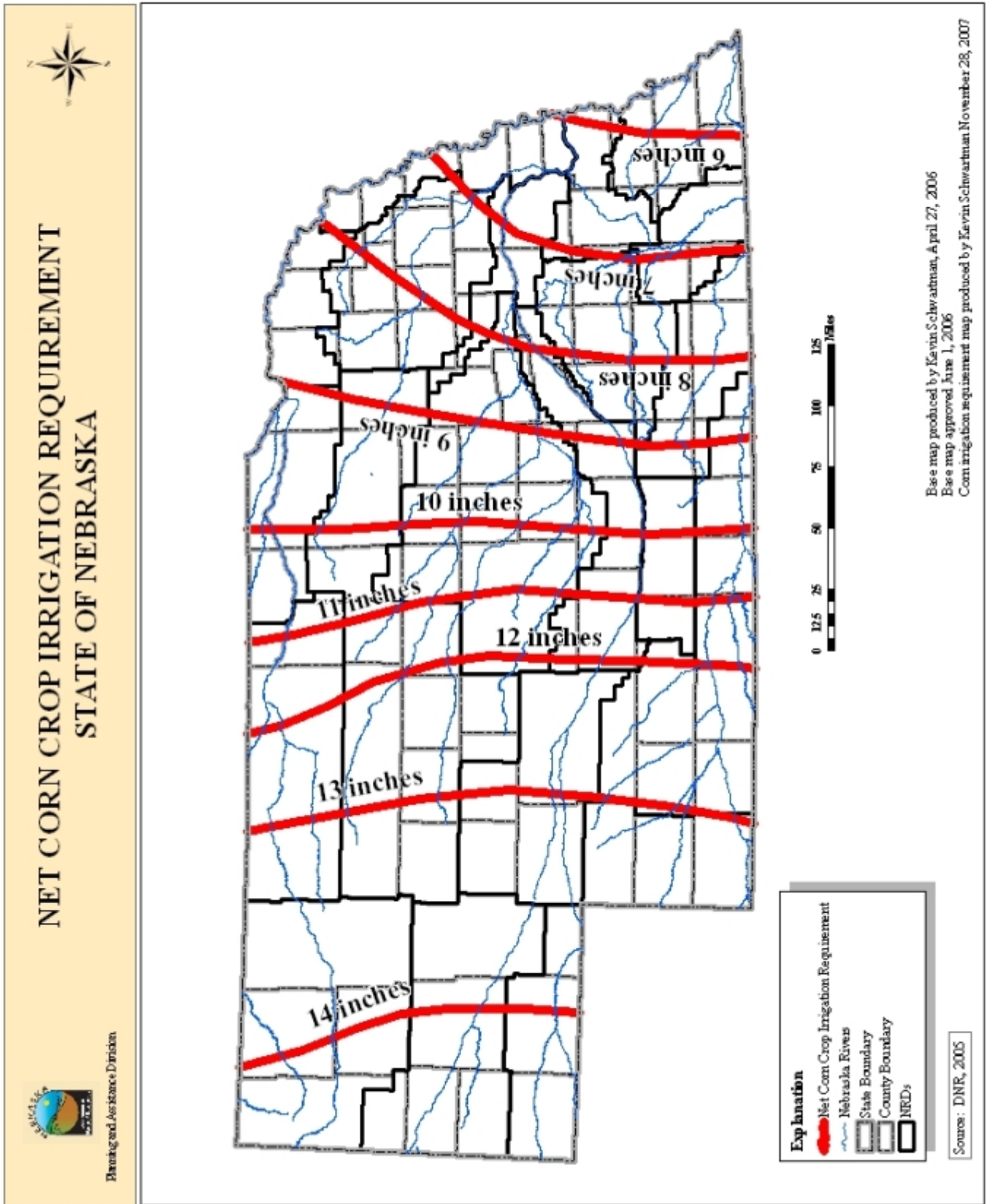
ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
792	2/1/2007	9/30/2021	2.3		3.7	6		6
801	10/1/2006	9/30/2021	20.9			20.9		20.9
802	12/1/2006	9/30/2021	118.8			118.8	2.5	121.3
810	1/1/2007	9/30/2016	68.5			68.5	2.6	71.1
813	1/1/2007	9/30/2021	180.8			180.8		180.8
814	11/1/2006	9/30/2021		50.4		50.4		50.4
816	11/1/2006	9/30/2021	28			28		28
818	12/1/2006	9/30/2020	69.2			69.2		69.2
819	12/1/2006	9/30/2020	71.7			71.7		71.7
838	1/1/2007	9/30/2021	130			130	4	134
839	2/1/2007	9/30/2021	7.3			7.3		7.3
840	2/1/2007	9/30/2017	79.4			79.4		79.4
847	5/1/2007	9/30/2021	27.5			27.5		27.5
849	11/1/2007	9/30/2018		105.8		105.8		105.8
851	2/1/2007	9/30/2017	9			9		9
852	3/1/2007	9/30/2017	127.4			127.4	19.8	147.2
854	3/1/2007	9/30/2021	45.08			45.08		45.08
856	4/1/2007	9/30/2021	16.4		68	84.4		84.4
857	12/1/2007	9/30/2021		14.32		14.32		14.32
858	4/1/2007	9/30/2020		9.53		9.53		9.53
860	10/1/2007	9/30/2017	16.6			16.6		16.6
862	10/1/2007	9/30/2022	129.6			129.6		129.6
864	8/1/2007	9/30/2017	5			5		5
865	3/1/2008	9/30/2018	39.8			39.8		39.8
870	10/1/2007	9/30/2017	7.5			7.5		7.5
872	1/1/2008	9/30/2022	0.7		57.3	58		58
873	1/1/2008	9/30/2023	102.2			102.2		102.2
874	11/1/2007	9/30/2020		40.2		40.2		40.2
875	12/1/2007	9/30/2022		50.6		50.6	1.6	52.2
877	10/1/2007	9/30/2022		50.3		50.3		50.3
879	11/1/2007	9/30/2017	226.1			226.1		226.1
885	1/1/2008	9/30/2022	260.1			260.1	16.9	277
913	1/1/2008	9/30/2020		11		11		11
916	11/1/2008	9/30/2023	129.3			129.3	23.5	152.8
917	6/1/2008	9/30/2022	108.25			108.25		108.25
918	11/1/2008	9/30/2023	269.5			269.5	12.7	282.2
919	11/1/2008	9/30/2023	16			16		16
921	7/1/2008	9/30/2020		11.5		11.5		11.5



ID	Start Date	End Date	GW Only	SW Only	Comingled	Total IR	Total Non-IR	Total Acres
922	10/1/2008	9/30/2023	118.5			118.5		118.5
923	10/1/2008	9/30/2018		10.2		10.2		10.2
924	4/1/2009	9/30/2019	7.6			7.6		7.6
925	2/1/2009	9/30/2023		10		10		10
926	2/1/2009	9/30/2023		4.7		4.7		4.7
927	1/1/2009	9/30/2021	160.2			160.2	1	161.2
928	10/1/2009	9/30/2024		54.7		54.7		54.7
929	10/1/2009	9/30/2024		27.2		27.2		27.2
930	4/1/2009	9/30/2023		7.1		7.1		7.1
931	11/1/2009	9/30/2020	2.62			2.62		2.62
932	10/1/2009	9/30/2024	78.8			78.8		78.8
933	4/1/2010	9/30/2020		11.7		11.7		11.7
934	5/1/2010	9/30/2024	8.2			8.2		8.2
935	4/1/2010	9/30/2024	77.1			77.1	0	77.1
936	10/1/2010	9/30/2020		2.2		2.2	0	0
937	10/1/2010	9/30/2020		1.5		1.5		1.5
939	2/1/2011	9/30/2021		62.73	137.97	200.7	0	200.7
940	12/1/2010	9/30/2025	60			60		60
941	6/1/2011	9/30/2025		17.4		17.4		17.4
942	10/1/2011	9/30/2021		35.3		35.3		35.3
943	2/1/2012	9/30/2022	40.8			40.8	0.7	41.5
946	10/01/2012	9/30/2027	130.1			130.1		130.1
947	10/01/2012	9/30/2027	128.5			128.5	9.2	137.7
948	10/01/2013			5.7		5.7		5.7
949	10/01/2013			4.6		4.6		4.6
950	10/01/2013	09/30/2028		2.8		2.8		2.8
952	10/01/2013	09/30/2028	14.6			14.6		14.6
		Totals:	30804.64	8929.25	5352.73	45086.62	1340.38	46427.00

# APPENDIX C

## Net Consumptive Irrigation Requirement (NCIR)





## **APPENDIX E**

### **CREP Steering Committee Members**

#### **FSA State Committee:**

#### **Farm Service Agency (FSA):**

-Dan Steinkruger                      -Lavaine Moore  
-Greg Reisdorff

#### **Natural Resources Conservation Service (NRCS):**

-Michael Kucera                      -Ritch Nelson

#### **Nebraska Department of Natural Resources (NDNR):**

-Brian Dunnigan                      -Bob Bettger  
-Mike Thompson                      -Curt Inbody

#### **Nebraska Department of Environmental Quality (NDEQ):**

-Elbert Traylor

#### **Nebraska Game and Parks Commission (NGPC):**

-Tim McCoy                              -Keith Koupal

#### **Nebraska Department of Agriculture (NDA):**

-Bobbie Kriz-Wickham

#### **Agriculture Groups:**

-Jordan Dux (Farm Bureau)  
-Pete Berthelsen (Pheasants Forever)

#### **Local Governments:**

-Dan Smith (MRNRD)	-Glen Bowers (TPNRD)	-Ron Cacek (NPNRD)
-Milt Moravek (CPNRD)	-John Thorburn (TBNRD)	-Kent Miller (TPNRD)
-Mike Clements (LRNRD)	-Rod Horn (SPNRD)	-Jasper Fanning (URNRD)
-Patrick O'Brien (NRD/DEQ Liaison)		

#### **Irrigation and Power:**

-Marsha Trompke (CNPPID)		
-Brian Barels (NPPD)	-Dennis Strauch (Pathfinder)	-Mike Delka (Bostwick)

#### **Congress / Senate:**

-Philip Erdman (Johanns)	-Deb VanMatre (Smith)
-Dayle Williamson (Nelson)	

OPERATING BY-LAWS  
FOR  
THE NEBRASKA PLATTE-REPUBLICAN CONSERVATION RESERVE ENHANCEMENT PROGRAM  
(CREP)  
STEERING COMMITTEE

NOVEMBER 2009

**PURPOSE**

The Nebraska Platte-Republican Conservation Reserve Enhancement Program (CREP) Steering Committee (Committee) is formed to meet the requirements of the Memorandum of Agreement (MOA) between the State of Nebraska and the United States Department of Agriculture (USDA, Commodity Credit Corporation (CCC) to implement the Nebraska Platte-Republican Conservation Reserve Enhancement Program. The Steering Committee is to advise the Nebraska Governor's office on the implementation of this CREP.

**STRUCTURE AND COMPOSITION OF THE COMMITTEE**

The MOA currently states that the Steering Committee "will include representatives from the State technical Committee, FSA, Nebraska Department of Natural Resources, Nebraska Game and Parks Commission, Nebraska Department of Agriculture, NRCS, agriculture and conservation groups and local governments." The following organizations shall be recognized as voting members of the Committee:

FSA:	4 Members
Nebraska Department of Natural Resources:	4 Members
Natural Resources Conservation Service:	2 Members
Nebraska Game and Parks Commission:	2 Members
Nebraska Department of Agriculture:	1 Member
Nebraska Department of Environmental Quality	1 Member
Agriculture Groups (Includes Irrigation And Power Groups):	5 Members
Conservation Groups:	1 Member
Local Governments:	9 Members
TOTAL	29 Members

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December 2014

In addition, staff of Nebraska's congressional and senatorial representatives, the Chairman of the State Technical Committee, and the Governor's Policy Research Office shall be invited to each meeting, but shall be a non-voting member.

A staff member of the Department of Natural Resources and a staff member of the U.S.D.A. Farm Service Agency shall co-chair the committee. If both are unable to attend a scheduled meeting, they shall appoint an acting chair. A staff member of the Department of Natural Resources shall act as the Secretary.

Alternates may be appointed from any representative group. To be able to participate in a vote, the alternate shall present to a Co-Chair a letter from his/her organization saying they are to represent their organization at a specific meeting or the organization can file a letter with the Committee stating who their alternate(s) will be at future meetings.

**RESPONSIBILITIES AND ROLES OF INDIVIDUAL COMMITTEE MEMBERS**

Each member of the Steering Committee is expected to:

- (a) Regularly attend and prepare for work sessions;
- (b) Keep the other members of his or her group informed of what is being discussed by the Committee and solicit their input on these issues
- (c) Clearly articulate and represent the interests of his/her group;
- (d) Listen to other points of view and try to understand the interests of others;
- (e) Openly discuss issues and participate in cooperative problem solving procedure to resolve differences;
- (f) Be responsible for meeting expenses (travel, per diem) per your entities reimbursement policies and procedures.

**RESPONSIBILITIES OF COMMITTEE AS A WHOLE**

The Committee as a whole will make recommendations to the Governor regarding:

- (a) Changes needed to the MOA, and
- (b) Changes needed to the Farm Bill.

The Committee as a whole will review and/or make recommendations to the Department of Natural Resources regarding:

- (a) Changes to the Water Use Contract,
- (b) Opportunities for enhancing the program,
- (c) Public Information

**MEETINGS**

The Committee shall meet at least twice a year, with one meeting possibly being a videoconferencing meeting. The Co-Chairs may schedule additional meetings at any time that there are issues that need to be discussed. Committee members or the public may request of the Co-Chairs that additional meetings be held. Through electronic mail, the Secretary shall make a good

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December 2014

faith effort to arrange a mutually agreeable date, time and place for all meetings.

**NOTICE OF MEETINGS**

Official notice of meetings shall be provided electronically to all Committee members through electronic mail at least two weeks prior to the meeting. Notice shall be provided to the public by notice on the Department of Natural Resources' website at least two weeks prior to the meeting. A copy of the proposed agenda shall be included with the Notice, but as allowed under the Open Meetings Act, the agenda can change up until 24 hours before the meeting. Copies of documents that are proposed to be reviewed for action shall also be available on the website and distributed to Committee members through electronic mail at the time of notice. This does not mean that additional documents used for informational purposes cannot be distributed at the meeting. Amended documents being reviewed for action can also be distributed as long as they were available on the website 24 hours before the meeting.

**DECISION MAKING**

The purpose of the Committee is to advise the Governor, and thus the Department of Natural Resources, the agency that works directly for the Governor to implement the program. There may at times be differing opinions because of the wide range of interests represented on the Committee.

The Committee must operate under the Open Meetings Act (Neb. Rev. Stat. Chapter 84, Article 14). In order for the Committee to convene, there must be a quorum present. For purposes of this Committee, a quorum shall mean that there are more than 50 percent of the members present (15 members must be present.) Members who are monitoring through telephonic means shall not be counted as present and shall not be allowed to vote.

Roll call votes shall be taken and recorded on all matters. The minutes shall reflect how each member voted or whether they abstained. Prior to any vote, sufficient discussion shall be held to allow all members to understand the issues. Approval or disapproval of any motion shall be by simple majority.

**PUBLIC PARTICIPATION**

All meetings shall be open to the public. There shall be a place on the agenda for public comment. Other public participation throughout the meeting will be at the discretion of the Committee.

**MINUTES OF MEETINGS**

Draft minutes of the meeting shall be available on the Department of Natural Resources' website and sent through electronic mail to all Committee members within 10 days of the meeting or prior to the next convened meeting, whichever occurs earlier. Following final approval of the minutes, the CREP Coordinator(s) shall maintain the minutes in the CREP files, have it posted

on the Department of Natural Resources' website, and send a copy by electronic mail to the Committee members.

**POWERS AND AUTHORITIES OF THE COMMITTEE**

The Committee shall have the authority to:

- (a) Form subcommittees
- (b) Enact rules that will further describe the procedures to be used by the Committee and subcommittees as long as such rules are not in conflict with existing local, state, or federal rules and regulations and the Operating By-Laws.

**AMENDMENTS TO OPERATING BY-LAWS**

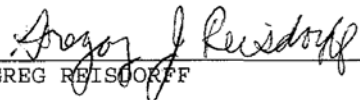
Amendments to these Operating By-Laws can only be made upon the agreement and signature of two thirds of those present at a meeting.

Signed by all current members:

U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

\_\_\_\_\_  
DAN STEINKRUGER

  
\_\_\_\_\_  
GREG REISDOFF

U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

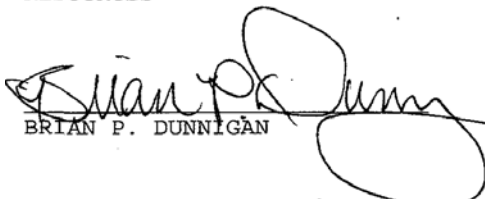
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

  
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LAVAINÉ MOORE

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(POSITION OPEN)

NEBRASKA DEPARTMENT OF NATURAL  
RESOURCES

NEBRASKA DEPARTMENT OF NATURAL  
RESOURCES

  
\_\_\_\_\_  
BRIAN P. DUNNIGAN

  
\_\_\_\_\_  
BOB BETTGER

NEBRASKA DEPARTMENT OF NATURAL  
RESOURCES

NEBRASKA DEPARTMENT OF NATURAL  
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SUSAN ANN FRANCE

  
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MICHAEL THOMPSON

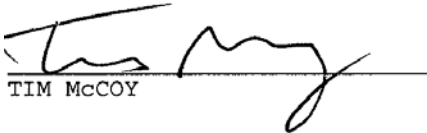


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NEBRASKA GAME AND PARKS  
COMMISSION

  
TIM MCCOY

NEBRASKA DEPARTMENT OF  
AGRICULTURE

  
BOBBIE KRIZ-WICKHAM

CENTRAL NEBRASKA PUBLIC POWER  
AND IRRIGATION DISTRICT

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MARCIA TROMPKE

NEBRASKA PUBLIC POWER DISTRICT

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RANDY ZACH

NEBRASKA FARM BUREAU

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JORDAN DUX

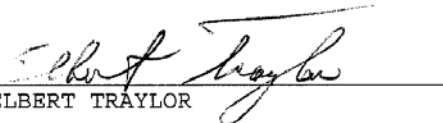
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RITCH NELSON

NEBRASKA GAME AND PARKS  
COMMISSION

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KEITH KOUPAL

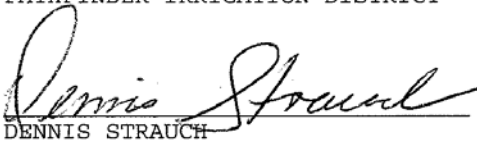
NEBRASKA DEPARTMENT OF  
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ELBERT TRAYLOR

BOSTWICK IRRIGATION DISTRICT

  
MIKE DELKA

PATHFINDER IRRIGATION DISTRICT

  
DENNIS STRAUCH

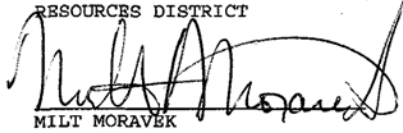
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PETE BERTHELSEN



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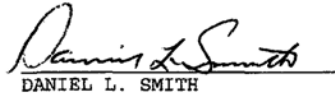
CENTRAL PLATTE NATURAL  
RESOURCES DISTRICT

  
MILT MORAVĚK

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MIKE CLEMENTS

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RON CACEK

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JOHN THORBURN

TWIN PLATTE NATURAL  
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GLEN BOWERS

SOUTH PLATTE NATURAL  
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ROD L. HORN

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NEBRASKA ASSOCIATION OF  
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PAT O'BRIEN

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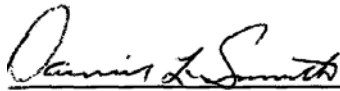
*Jasper Fanning*  
JASPER FANNING

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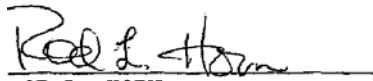
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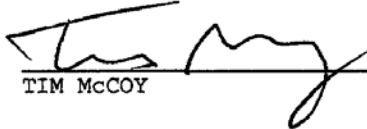
  
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December 2014

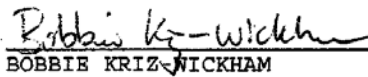
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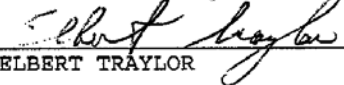
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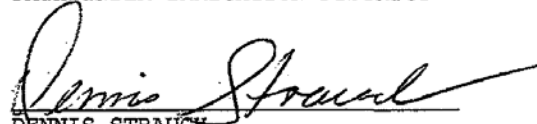
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PETE BERTHELSEN

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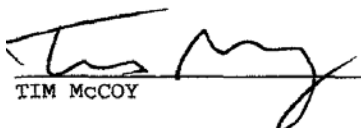
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December 2014

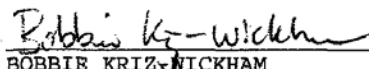
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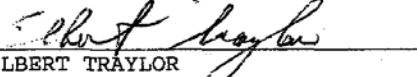
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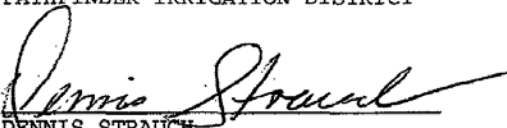
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ENVIRONMENTAL QUALITY

  
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ELBERT TRAYLOR

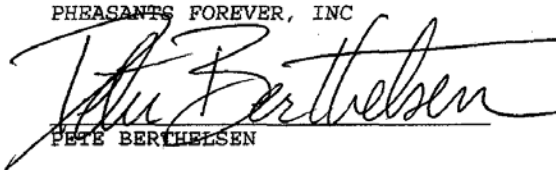
BOSTWICK IRRIGATION DISTRICT

  
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on the Department of Natural Resources' website, and send a copy by electronic mail to the Committee members.

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**POWERS AND AUTHORITIES OF THE COMMITTEE**

The Committee shall have the authority to:

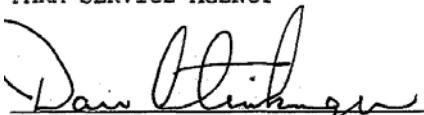
- (a) Form subcommittees
- (b) Enact rules that will further describe the procedures to be used by the Committee and subcommittees as long as such rules are not in conflict with existing local, state, or federal rules and regulations and the Operating By-Laws.

**AMENDMENTS TO OPERATING BY-LAWS**

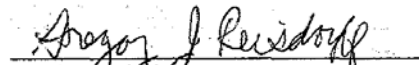
Amendments to these Operating By-Laws can only be made upon the agreement and signature of two thirds of those present at a meeting.

Signed by all current members:

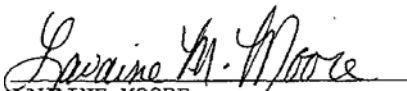
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GREG REISDOFF

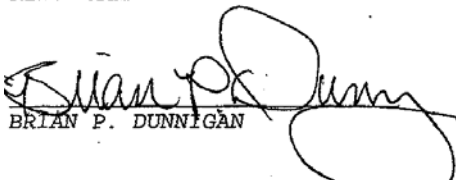
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LAVAINNE MOORE

U.S. DEPARTMENT OF AGRICULTURE  
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NEBRASKA DEPARTMENT OF NATURAL  
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BOB BETTGER

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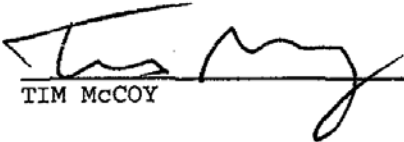
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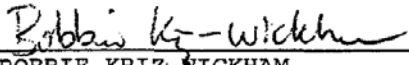
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TIM McCOY

NEBRASKA DEPARTMENT OF  
AGRICULTURE

  
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BOBBIE KRIZ-WICKHAM

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AND IRRIGATION DISTRICT

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MARCIA TROMPKE


NEBRASKA PUBLIC POWER DISTRICT

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RANDY ZACH

NEBRASKA FARM BUREAU

  
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JORDAN DUX

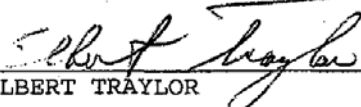
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KEITH KOU PAL

NEBRASKA DEPARTMENT OF  
ENVIRONMENTAL QUALITY

  
\_\_\_\_\_  
ELBERT TRAYLOR

BOSTWICK IRRIGATION DISTRICT

  
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MIKE DELKA

PATHFINDER IRRIGATION DISTRICT

  
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DENNIS STRAUCH

PHEASANTS FOREVER, INC

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PETE BERTHELSEN



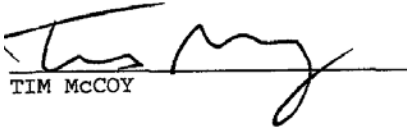
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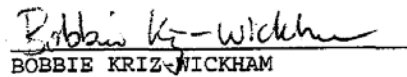
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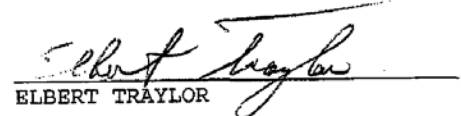
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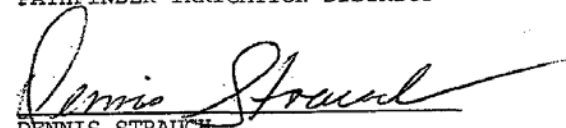
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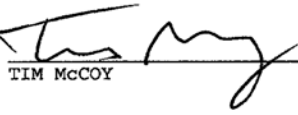
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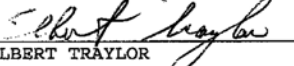
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COMMISSION

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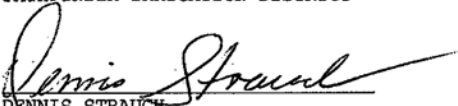
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MIKE DELKA

PATHFINDER IRRIGATION DISTRICT

  
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DENNIS STRAUCH

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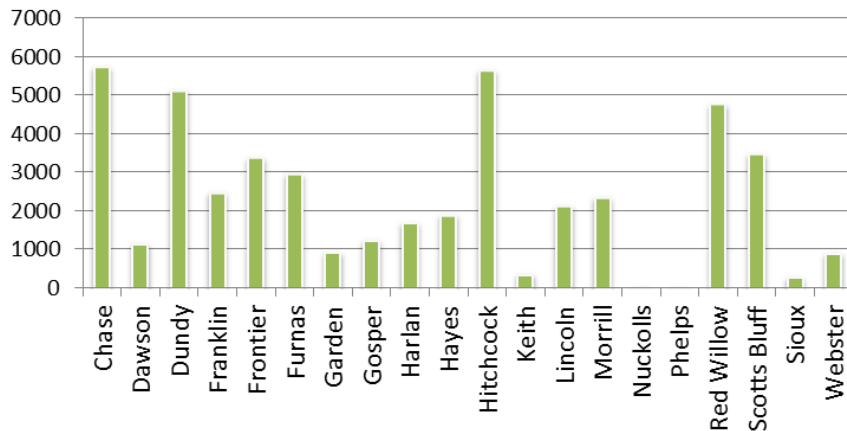
\_\_\_\_\_  
PETE BERTHELSEN

## APPENDIX F

### SUMMARY OF ACRES APPROVED BY COUNTY

County	Count of Contracts	GW Only Acres	SW Only Acres	Comingle d Acres	Total IR Acres	Total Non IR Acres	Total Acres
Chase	40	5324.3		108.6	5432.9	302.5	5735.4
Dawson	24	971.5	41.9	140.2	1153.6		1153.6
Dundy	29	4839.8		41.2	4881	248.3	5129.3
Franklin	33	1677.9	299.9	447.7	2425.5	65.1	2490.6
Frontier	29	3088.2	31.5	112.7	3232.4	152	3384.4
Furnas	35	2396.75	251.5	153.1	2801.35	167.3	2968.65
Garden	18	595.2	205.8	133.6	934.6	0	934.6
Gosper	13	1195.46			1195.46	49.66	1245.12
Harlan	21	1514	57	95.4	1666.4	37.1	1703.5
Hayes	16	1663.18	18.4	180.3	1861.88	40.6	1902.48
Hitchcock	57	2268.15	1328.77	1774.48	5371.4	53.5	5424.9
Keith	3	380.1			380.1	0	380.1
Lincoln	20	1462.3	244.63	390.17	2097.1	40.6	2137.7
Morrill	42	1227.6	1031.9	86.7	2346.2	9.9	2356.1
Nuckolls	1		11		11		11
Phelps	1	30			30		30
Red Willow	60	1389.8	1856.55	1382.58	4628.93	142.02	4770.95
Scotts Bluff	44	520.6	2776.9	171.6	3469.1	9.8	3478.9
Sioux	9		282.4		282.4		282.4
Webster	14	259.8	491.1	134.4	885.3	22	907.3
<b>Grand Total</b>	<b>509</b>	<b>30804.64</b>	<b>8929.25</b>	<b>5352.73</b>	<b>45086.62</b>	<b>1340.38</b>	<b>46427.00</b>

**Total CREP Acres by County**

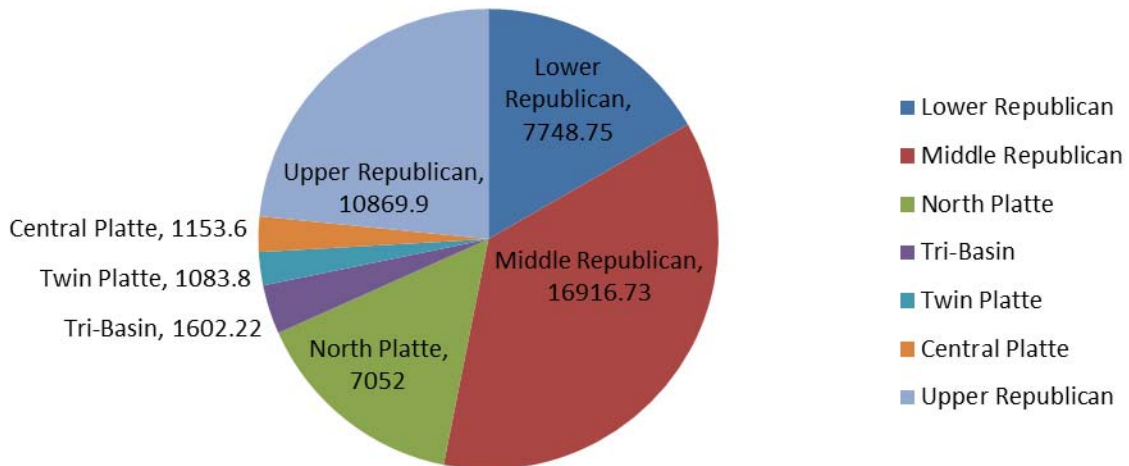


## APPENDIX G

### SUMMARY OF ACRES APPROVED BY NRD

Natural Resources Districts	Count of Contracts	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
Central Platte	24	971.5	41.9	140.2	1153.6		1153.6
Lower Republican	100	5516.15	1110.5	830.6	7457.25	291.5	7748.75
Middle Republican	169	9803.43	3235.22	3450.06	16488.71	428.02	16916.73
North Platte	113	2343.4	4297	391.9	7032.3	19.7	7052
Tri-Basin	17	1552.56			1552.56	49.66	1602.22
Twin Platte	16	448.3	244.63	390.17	1083.1	0.7	1083.8
Upper Republican	70	10169.3		149.8	10319.1	550.80	10869.9
<b>Grand Total</b>	<b>509</b>	<b>30804.64</b>	<b>8929.25</b>	<b>5352.73</b>	<b>45086.62</b>	<b>1340.38</b>	<b>46427</b>

### CREP ACRES BY NRD



**NATURAL RESOURCES DISTRICTS IN PLATTE BASIN**  
**CREP CONTRACTS IN CENTRAL PLATTE NATURAL RESOURCES DISTRICT**

<b>Water Use Contract ID</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non-IR Acres</b>	<b>Total Acres</b>
<b>Central Platte</b>	<b>971.5</b>	<b>41.9</b>	<b>140.2</b>	<b>1153.6</b>		<b>1153.6</b>
307	79.5			79.5		79.5
464	81.3			81.3		81.3
465	106.1			106.1		106.1
466	110.4			110.4		110.4
467	46.9	21	23.1	91		91
468	8.7			8.7		8.7
469	19			19		19
470	28.6			28.6		28.6
648	38.4		111.4	149.8		149.8
684	22.8			22.8		22.8
685	8.9			8.9		8.9
686	80.1			80.1		80.1
687	25.3			25.3		25.3
720	40			40		40
721	34.8			34.8		34.8
733	16.7			16.7		16.7
734	70.8			70.8		70.8
740	84.3	9.2	5.7	99.2		99.2
851	9			9		9
864	5			5		5
865	39.8			39.8		39.8
870	7.5			7.5		7.5
924	7.6			7.6		7.6
933		11.7		11.7		11.7
<b>Grand Total</b>	<b>971.5</b>	<b>41.9</b>	<b>140.2</b>	<b>1153.6</b>		<b>1153.6</b>

CREP CONTRACTS IN NORTH PLATTE NATURAL RESOURCES DISTRICT

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
<b>North Platte</b>	2343.4	4297	391.9	7032.3	19.7	7052
26			106.6	106.6		106.6
40		53		53		53
41		14.8		14.8	2.1	16.9
42		48.6		48.6		48.6
43		10.8		10.8		10.8
44		4.6		4.6		4.6
46		11.4		11.4		11.4
47		58		58		58
48		27.4		27.4	3.2	30.6
49		29.7		29.7		29.7
50		31.5		31.5		31.5
51		8.3		8.3		8.3
52		26.5		26.5		26.5
55		58.9		58.9		58.9
56		29.1		29.1		29.1
57	78.6			78.6		78.6
80	5		27	32		32
108		171.6		171.6		171.6
109			54	54		54
110		13.2		13.2		13.2
111	39.3	70.5		109.8		109.8
114		22.2		22.2		22.2
115		103.4		103.4		103.4
117		50.4		50.4	0.6	51
119		76.3		76.3		76.3
123		7.5		7.5		7.5
124			32.4	32.4		32.4
125		28.4		28.4	0	28.4
126	147.7			147.7		147.7
127	2	264.8	10.5	277.3		277.3
150		132.5		132.5		132.5
151		71.4		71.4		71.4
153		32.1		32.1		32.1
154		17.6		17.6		17.6

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
156		113		113		113
157		39.5		39.5		39.5
158		125.9		125.9		125.9
159		8.5		8.5		8.5
160		20.2		20.2		20.2
161		141.5		141.5		141.5
162		18.4		18.4		18.4
163		6		6		6
164		18.6		18.6		18.6
166		7.5		7.5		7.5
167		39.5		39.5		39.5
168		56.5		56.5		56.5
169		123.6		123.6		123.6
170		59.7		59.7		59.7
171		53.5		53.5		53.5
193		66.3		66.3		66.3
194		24.2		24.2		24.2
195		24.1		24.1		24.1
196		86.6		86.6		86.6
197		158.2		158.2		158.2
198		26.7		26.7		26.7
199		93.6		93.6		93.6
200		69.6		69.6		69.6
201		103.6		103.6		103.6
204		44.9		44.9		44.9
205		13.6		13.6		13.6
210		86.5		86.5		86.5
213		7.7		7.7		7.7
214		198.6		198.6		198.6
215			74.7	74.7		74.7
216		64.9		64.9		64.9
217		31.1		31.1		31.1
218		65.3		65.3		65.3
259	25.2			25.2		25.2
260	75.5			75.5		75.5
289	124			124		124

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
290		75.8		75.8		75.8
291		29.7		29.7		29.7
294	177.2			177.2		177.2
295		75.3		75.3		75.3
296	137.8			137.8		137.8
297	390.6			390.6		390.6
300	13.8			13.8		13.8
301		25.4		25.4		25.4
302	28.1			28.1		28.1
303	118.6			118.6		118.6
320		8		8		8
372		56.9		56.9		56.9
373		37.7		37.7		37.7
374		18.9		18.9		18.9
526	84.9			84.9		84.9
566	35.2		63.6	98.8		98.8
621	133.2			133.2	4.6	137.8
656	126.3			126.3		126.3
667	9.6			9.6		9.6
701			23.1	23.1		23.1
702		22.5		22.5		22.5
703	Cancelled After Repayment 2014					
706		106.8		106.8		106.8
713		36.6		36.6		36.6
714		140.3		140.3		140.3
732	87.2			87.2		87.2
735	16.1			16.1		16.1
791	73			73		73
921		11.5		11.5		11.5
923		10.2		10.2		10.2
925		10		10		10
926		4.7		4.7		4.7
928		54.7		54.7		54.7
929		27.2		27.2		27.2
930		7.1		7.1		7.1
932	78.8			78.8		78.8



Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
935	77.1			77.1	0	77.1
941		17.4		17.4		17.4
942		35.3		35.3		35.3
946	130.1			130.1		130.1
947	128.5			128.5	9.2	137.7
948		5.7		5.7		5.7
949		4.6		4.6		4.6
950		2.8		2.8		2.8
<b>Grand Total (North Platte NRD)</b>	<b>2343.4</b>	<b>4297</b>	<b>391.9</b>	<b>7032.3</b>	<b>19.7</b>	<b>7052</b>

CREP CONTRACTS IN TWIN PLATTE NATURAL RESOURCES DISTRICT

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
<b>Twin Platte</b>	<b>448.3</b>	<b>244.63</b>	<b>390.17</b>	<b>1083.1</b>	<b>0.7</b>	<b>1083.8</b>
32	223			223		223
33	142.5			142.5		142.5
375		42		42		42
397		58.8		58.8		58.8
398		14		14		14
408		0.7	43	43.7		43.7
537			74.4	74.4		74.4
587			30.8	30.8		30.8
657		43.3		43.3		43.3
662			61.9	61.9		61.9
688	27.4		32.8	60.2		60.2
736			9.3	9.3		9.3
789		23.1		23.1		23.1
939		62.73	137.97	200.7	0	200.7
943	40.8			40.8	0.7	41.5
952	14.6			14.6		
<b>Grand Total</b>	<b>448.3</b>	<b>244.63</b>	<b>390.17</b>	<b>1083.1</b>	<b>0.7</b>	<b>1083.8</b>

## NATURAL RESOURCES DISTRICTS IN REPUBLICAN BASIN

### CREP CONTRACTS IN LOWER REPUBLICAN NATURAL RESOURCES DISTRICT

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
<b>Lower Republican</b>	<b>5516.15</b>	<b>1110.5</b>	<b>830.6</b>	<b>7457.25</b>	<b>291.5</b>	<b>7748.75</b>
20	68.1			68.1	13.1	81.2
21	74.4			74.4	0	74.4
22	73.9			73.9	0	73.9
23	206.4			206.4	14.6	221
24	135.6			135.6		135.6
25	93.9			93.9		93.9
27	172.3			172.3	13.7	186
29			85.7	85.7		85.7
30	109			109		109
31		77		77		77
58	29.4			29.4		29.4
59	31.5			31.5		31.5
60		251.5		251.5		251.5
61	15.9			15.9		15.9
62	124.5			124.5		124.5
63	164.3			164.3	12.9	177.2
69	156			156	10.5	166.5
70	9.2			9.2		9.2
74	89.4			89.4		89.4
76	64.4			64.4		64.4
85	61.5			61.5		61.5
101	5.7		47	52.7	6.2	58.9
102	56.4			56.4	13.6	70
103	57.5			57.5	12.3	69.8
104	130.6			130.6	26.5	157.1
105	83.9		16	99.9		99.9
106	1.4		4.8	6.2		6.2
220	21.1			21.1		21.1
221	28			28		28
222	137			137		137
223	95.7			95.7		95.7
224	169			169	19.1	188.1

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
225	14.6		106.1	120.7		120.7
226	28.7			28.7		28.7
227	3.6	57	69.8	130.4		130.4
256	1.6		41.7	43.3		43.3
257	7.6			7.6		7.6
258	7			7		7
281		44.4		44.4		44.4
282	1.5		22.6	24.1		24.1
283			37.5	37.5		37.5
284	3.5		58.1	61.6		61.6
285			4.8	4.8		4.8
286		23.6		23.6		23.6
288		14.9		14.9		14.9
298	43.9			43.9		43.9
299	18.9			18.9		18.9
316	60.7		18.6	79.3	10	89.3
317	23.4		125	148.4		148.4
318	4.5		173	177.5		177.5
319	15.9			15.9		15.9
326	128			128	15	143
385		134.9		134.9		134.9
410	112.8			112.8		112.8
411	46.4			46.4		46.4
429	60.5			60.5	20.6	81.1
430	52.5			52.5		52.5
431	109.3			109.3		109.3
432	96.7			96.7	15.6	112.3
433	66.7			66.7	2.7	69.4
434		99		99		99
448		29.7		29.7		29.7
449		48.1		48.1		48.1
530	133.6			133.6	16.7	150.3
548	126.9			126.9		126.9
562	167.2			167.2		167.2
568	78.5			78.5		78.5
569	94.3			94.3		94.3
579		46.5		46.5		46.5
583	95.3			95.3		95.3

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
590	28.6			28.6		28.6
607	82.5			82.5		82.5
608		28		28		28
615		21.1		21.1		21.1
616	21.9			21.9		21.9
617	81.1			81.1		81.1
619	20.8			20.8		20.8
623	98.8	41	16.2	156	2.2	158.2
627		47		47		47
631	125.1			125.1		125.1
632	120.7			120.7		120.7
658	121.4			121.4	27.1	148.5
660	34.8			34.8		34.8
663		37.6		37.6		37.6
664	1.5			1.5		1.5
673	129.9			129.9		129.9
679	180			180	19.3	199.3
699	23.2			23.2		23.2
718	63.9			63.9		63.9
726	24.3			24.3		24.3
729		71.8		71.8		71.8
743		9.4		9.4		9.4
752	8.8			8.8		8.8
753	19.9			19.9		19.9
763		17		17		17
785		11		11		11
792	2.3		3.7	6		6
801	20.9			20.9		20.9
852	127.4			127.4	19.8	147.2
917	108.25			108.25		108.25
<b>Grand Total (Lower Republican)</b>	<b>5516.15</b>	<b>1110.5</b>	<b>830.6</b>	<b>7457.25</b>	<b>291.5</b>	<b>7748.75</b>

CREP CONTRACTS IN MIDDLE REPUBLICAN NATURAL RESOURCES DISTRICT

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
<b>Middle Republican</b>	<b>9803.43</b>	<b>3235.22</b>	<b>3450.06</b>	<b>16488.71</b>	<b>428.02</b>	<b>16916.73</b>
229	62.6			62.6		62.6
230			134.9	134.9		134.9
232		56		56		56
233	10.9	2	35.7	48.6		48.6
234		181.4		181.4		181.4
235	46.1			46.1		46.1
236		40.1		40.1		40.1
241	86.6		85.7	172.3		172.3
242		26.6		26.6		26.6
243		37.9		37.9		37.9
248	73.8	10.1	49.9	133.8	6.9	140.7
249		22.9		22.9		22.9
251	115.9			115.9		115.9
252	337.7			337.7	12.1	349.8
253			24	24		24
266	125.1			125.1		125.1
267	224.7			224.7		224.7
269	67.6			67.6		67.6
270	Contract terminated after repayment 2013					
271	20			20		20
273	135.4			135.4		135.4
275	24.7			24.7		24.7
276	181			181		181
277	65.5			65.5		65.5
278	78.3			78.3		78.3
279	140.3			140.3	32.3	172.6
308	82.2			82.2		82.2
329	197			197		197
334		40.5	21	61.5		61.5
335	110.8			110.8		110.8
336	85.9			85.9		85.9
338		37.8		37.8		37.8
339		97		97	6	103
340	203.4			203.4		203.4
341		222.5		222.5		222.5

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
342	106.7			106.7		106.7
343	260.6			260.6		260.6
347	41.6		20	61.6		61.6
348	104.3			104.3		104.3
349	25.13	22.57		47.7		47.7
350	25.6			25.6		25.6
351			144.3	144.3		144.3
352		25.4	154.7	180.1		180.1
353			62.5	62.5		62.5
354		7.8	59.3	67.1		67.1
355			177.1	177.1		177.1
356		67.7		67.7		67.7
361	116					116
362	4.4		67	71.4		71.4
363	22.2			22.2		22.2
364	1.52		100.88	102.4		102.4
365		221.7		221.7		221.7
366	44.7			44.7		44.7
367	16.2		73.2	89.4		89.4
368	255			255		255
369	93.1			93.1		93.1
370		127.8		127.8	18.5	146.3
379			22.3	22.3		22.3
380	91.4			91.4		91.4
381	38.7			38.7		38.7
382		53.9		53.9		53.9
383	114.8			114.8	29	143.8
384			56.8	56.8		56.8
395	54.3			54.3		54.3
401	30.1		84.6	114.7		114.7
402	49.7			49.7		49.7
404		11.1	45	56.1		56.1
405		180.6		180.6		180.6
406		19.3	87.5	106.8		106.8
409	315.6			315.6	25.1	340.7
412		119		119		119
414		16.4		16.4		16.4
417	37.8		53.6	91.4		91.4

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
418	12.1		28	40.1		40.1
420			52	52		52
421	62.7			62.7		62.7
423		18.5		18.5		18.5
424			75	75		75
425		21.2		21.2		21.2
426		48.1		48.1		48.1
427	93			93		93
437	5.4		60.1	65.5		65.5
441	205.8			205.8	28.8	234.6
442	182.4			182.4	26.5	208.9
444	99.5		26	125.5		125.5
445	65.5			65.5		65.5
446	26.2			26.2		26.2
447	92.5			92.5		92.5
451	82			82	3.1	85.1
452	99			99		99
456		15		15		15
457	5.8	18.4	158	182.2	12.4	194.6
458		48.4		48.4		48.4
459			137.6	137.6	9.6	147.2
460	171.9			171.9		171.9
461	173.8			173.8	55.3	229.1
462	3.1		121.6	124.7		124.7
463	20.3			20.3		20.3
488			71.2	71.2		71.2
535		108		108		108
563			120.1	120.1		120.1
571		151.9		151.9		151.9
572		20.7		20.7		20.7
574	47.4			47.4		47.4
575	89.5			89.5		89.5
585			70.2	70.2	9.1	79.3
591		54		54		54
593		103.2		103.2		103.2
596	123.8			123.8	27	150.8
597	167			167		167
598	45.6			45.6		45.6

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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
599		69.8		69.8	2	71.8
600		124.4		124.4	32	156.4
601	63.6	116.4		180	11.1	191.1
611	116.5			116.5	6.9	123.4
612	0.8		156.8	157.6		157.6
630		31.5		31.5		31.5
633	224.8			224.8		224.8
639		78		78		78
640	50.3			50.3		50.3
641		110.1		110.1		110.1
655	209.6			209.6		209.6
661	232.7			232.7		232.7
671		11.1	34.8	45.9		45.9
672			119.9	119.9		119.9
675	455.5			455.5		455.5
678	73.6			73.6		73.6
681	28.1			28.1		28.1
682	133.2			133.2	14.8	148
683	136.7			136.7	19.5	156.2
693	144.3			144.3	13	157.3
695	17.3	102.6		119.9		119.9
698	4.5		80.5	85		85
722	13.7			13.7		13.7
730	47.7			47.7		47.7
731	18.5		144.4	162.9		162.9
737			39.3	39.3		39.3
738			40.98	40.98	4.92	45.9
744	10.7			10.7		10.7
746	13.7		85.7	99.4		99.4
751	184.7			184.7		184.7
760			7.3	7.3		7.3
761	70.9		22.6	93.5		93.5
762	120.9			120.9		120.9
764	76.6			76.6		76.6
786			112.7	112.7		112.7
787	84.2			84.2		84.2
810	68.5			68.5	2.6	71.1
813	180.8			180.8		180.8



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Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
814		50.4		50.4		50.4
816	28			28		28
818	69.2			69.2		69.2
819	71.7			71.7		71.7
849		105.8		105.8		105.8
854	45.08			45.08		45.08
856	16.4		68	84.4		84.4
857		14.32		14.32		14.32
858		9.53		9.53		9.53
872	0.7		57.3	58		58
873	102.2			102.2		102.2
874		40.2		40.2		40.2
875		50.6		50.6	1.6	52.2
877		50.3		50.3		50.3
885	260.1			260.1	16.9	277
913		11		11		11
927	160.2			160.2	1	161.2
934	8.2			8.2		8.2
936		2.2			0	0
937		1.5		1.5		1.5
940	60			60		60
<b>Grand Total (Middle Republican)</b>	<b>9803.43</b>	<b>3235.22</b>	<b>3450.06</b>	<b>16488.71</b>	<b>428.02</b>	<b>16916.73</b>

CREP CONTRACTS IN UPPER REPUBLICAN NATURAL RESOURCES DISTRICT

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
<b>Upper Republican</b>	<b>10169.3</b>		<b>149.8</b>	<b>10319.1</b>	<b>550.8</b>	<b>10869.9</b>
7	136			136		136
9	794.8			794.8		794.8
10	55.4			55.4	3.2	58.6
11	136.3			136.3		136.3
12	97.2			97.2		97.2
13	125.9			125.9	8.4	134.3
14	123.9			123.9		123.9
16	130.1			130.1	30	160.1
18	85.9			85.9		85.9
34	164.7			164.7	33.3	198
75	237.4			237.4	54.2	291.6
79	259.7			259.7		259.7
86	164			164	9.5	173.5
87	Contract terminated after repayment 2013					
88	Contract terminated after repayment 2013					
89	69			69	11.1	80.1
90	128.5			128.5	0.8	129.3
91	146			146	6	152
92	145.5			145.5		145.5
93	127.3			127.3	13.7	141
94	132.7			132.7	27.3	160
95	62.2			62.2		62.2
96	465.9			465.9		465.9
97	89.1			89.1		89.1
98	113.6			113.6		113.6
99	253.2			253.2		253.2
100	297			297	2.4	299.4
261	336.5			336.5		336.5
262	120			120	12.4	132.4
264	70.7			70.7	2.1	72.8
265	125.3			125.3	7.8	133.1
322	33.9			33.9		33.9
327	124.5			124.5		124.5
378	60.9			60.9		60.9

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<b>Water Use Contract ID</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non-IR Acres</b>	<b>Total Acres</b>
399	134.7			134.7		134.7
400	37.7			37.7		37.7
428	26			26		26
439	275.2			275.2	24.7	299.9
440	130.8			130.8		130.8
508	239.7		41.2	280.9		280.9
544	197.5			197.5	10.6	208.1
570	60			60		60
578	107.8			107.8		107.8
589	135.2			135.2		135.2
602	100.1			100.1	39.4	139.5
603			78.4	78.4		78.4
605	264.8			264.8	40.2	305
606	139			139	7.5	146.5
609	229.5			229.5	70.8	300.3
618	139.7			139.7		139.7
624	155.6			155.6	16.7	172.3
628	252.3			252.3		252.3
629	126.4			126.4		126.4
650	309			309	2.2	311.2
654	128.6			128.6	32.1	160.7
665			30.2	30.2	10.1	40.3
666	90.6			90.6	10.5	101.1
669	Contract terminated after repayment 2013					
676	Contract terminated after repayment 2013					
680	18			18		18
689	19.3			19.3		19.3
723						
724	41.5			41.5		41.5
725	5.2			5.2		5.2
741	126.5			126.5		126.5
750	Contract terminated after repayment 2013					
780	63.8			63.8	9.1	72.9
781	63.9			63.9	12	75.9
802	118.8			118.8	2.5	121.3
838	130			130	4	134
862	129.6			129.6		129.6

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
879	226.1			226.1		226.1
916	129.3			129.3	23.5	152.8
918	269.5			269.5	12.7	282.2
919	16			16		16
922	118.5			118.5		118.5
<b>Grand Total (Upper Republican)</b>	<b>10169.3</b>		<b>149.8</b>	<b>10319.1</b>	<b>550.8</b>	<b>10869.9</b>

**CREP CONTRACTS IN TRI-BASIN NATURAL RESOURCES DISTRICT**

Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
<b>Tri-Basin</b>	<b>1552.56</b>			<b>1552.56</b>	<b>49.66</b>	<b>1602.22</b>
65	63.7			63.7		63.7
67	269.44			269.44	10.76	280.2
68	163.8			163.8	5.2	169
274	258.7			258.7	14	272.7
314	96.9			96.9		96.9
323	121			121		121
330	9.3			9.3		9.3
536	8.4			8.4		8.4
586	30			30		30
637	126.7			126.7		126.7
694	133.3			133.3	19.7	153
772	137.9			137.9		137.9
839	7.3			7.3		7.3
840	79.4			79.4		79.4
847	27.5			27.5		27.5
860	16.6			16.6		16.6
931	2.62			2.62		2.62
<b>Grand Total</b>	<b>1552.56</b>			<b>1552.56</b>	<b>49.66</b>	<b>1602.22</b>

## APPENDIX H

### SUMMARY OF ACRES APPROVED BY IRRIGATION DISTRICT

IRRIGATION DISTRICT	Number of Contracts	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non-IR Acres	Total Acres
Blue Creek Irrigation District	1		58.9		58.9		58.9
Bostwick Irrigation District	18	90.9	527.5	406	1024.4	10	1034.4
Bridgeport Irrigation District	5		158.4		158.4		158.4
Castle Rock Irrigation District	1			32.4	32.4		32.4
Central Nebraska Public Power & Irrigation District	1		11.7		11.7		11.7
Cozad Ditch Company	1	46.9	21	23.1	91		91
Farmers Irrigation District	7		63.6	23.1	86.7		86.7
Frenchman Valley Irrigation District	22	376.15	383.57	1269.78	2029.5		2029.5
Frenchman-Cambridge Irrigation District	56	532.5	2851.65	1273.68	4655.63	84.12	4739.75
Gering-Ft. Laramie Irrigation District	6		182.8		182.8	0.6	183.4
H & RW Irrigation District	9	78.3	133.9	567.1	779.3	17.6	796.9
Hooper Irrigation District	1	5		27	32		32
Keith-Lincoln County Irrigation District	4		106.73	242.87	349.6	0	349.6
Lisco Irrigation District	7	35.2	176	63.6	274.8		274.8
Nebraska Public Power District	1	84.3	9.2	5.7	99.2		99.2
Northport Irrigation District	13		502.1		502.1	5.3	507.4
Paisely Irrigation District	1			106.6	106.6		106.6
Pathfinder Irrigation District	45	39.3	2856.5	128.7	3024.5		3024.5
Paxton-Hershey Water Company	3		58.8	105.2	164		164
Platte Valley Irrigation District	3		65.1	9.3	74.4		74.4
Riverside Irrigation Company, Inc.	2		67.7	62.5	130.2		130.2
Suburban Irrigation District	2	27.4	14	32.8	74.2		74.2
<b>Grand Total</b>	<b>209</b>	<b>1315.95</b>	<b>8249.15</b>	<b>4379.43</b>	<b>13942.3</b>	<b>117.62</b>	<b>14095.95</b>

**SUMMARY OF ACRES APPROVED BY IRRIGATION DISTRICT BY BASIN**

<b>PLATTE RIVER BASIN</b>							
<b>IRRIGATION DISTRICT</b>	<b>Count Of Contracts</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non-IR Acres</b>	<b>Total Acres</b>
Blue Creek Irrigation District	1		58.9		58.9		58.9
Bridgeport Irrigation District	5		158.4		158.4		158.4
Castle Rock Irrigation District	1			32.4	32.4		32.4
Central Nebraska Public Power & IR	1		11.7		11.7		11.7
Cozad Ditch Company	1	46.9	21	23.1	91		91
Farmers Irrigation District	9		69.1	23.1	92.2		92.2
Gering-Ft. Laramie Irrigation District	6		182.8		182.8	0.6	183.4
Hooper Irrigation District	1	5		27	32		32
Keith-Lincoln County Irrigation District	4		106.73	242.87	349.6	0	349.6
Lisco Irrigation District	7	35.2	176	63.6	274.8		274.8
Nebraska Public Power District	1	84.3	9.2	5.7	99.2		99.2
Northport Irrigation District	13		502.1		502.1	5.3	507.4
Paisely Irrigation District	1			106.6	106.6		106.6
Pathfinder Irrigation District	45	39.3	2856.5	128.7	3024.5		3024.5
Paxton-Hershey Water Company	3		58.8	105.2	164		164
Platte Valley Irrigation District	3		65.1	9.3	74.4		74.4
Suburban Irrigation District	2	27.4	14	32.8	74.2		74.2
<b>Grand Total</b>	<b>104</b>	<b>238.10</b>	<b>4290.33</b>	<b>800.37</b>	<b>5328.80</b>	<b>5.90</b>	<b>5334.70</b>

<b>REPUBLICAN RIVER BASIN</b>							
<b>IRRIGATION DISTRICT</b>	<b>Count of Contracts</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non-IR Acres</b>	<b>Total Acres</b>
Bostwick Irrigation District	18	90.9	527.5	406	1024.4	10	1034.4
Frenchman Valley Irrigation District	22	376.15	383.57	1269.78	2029.5		2029.5
Frenchman-Cambridge Irrigation District	56	532.5	2851.65	1273.68	4655.63	84.12	4739.75
H & RW Irrigation District	9	78.3	133.9	567.1	779.3	17.6	796.9
Riverside Irrigation Company, Inc.	2		67.7	62.5	130.2		130.2
<b>Grand Total</b>	<b>107</b>	<b>1077.85</b>	<b>3964.32</b>	<b>3579.06</b>	<b>8619.03</b>	<b>111.72</b>	<b>8730.75</b>

## IRRIGATION DISTRICT CONTRACTS IN CREP AREA

IRRIGATION DISTRICT Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non- IR Acres	Total Acres
<b>Blue Creek Irrigation District</b>		<b>58.9</b>		<b>58.9</b>		<b>58.9</b>
55		58.9		58.9		58.9
<b>Bostwick Irrigation District</b>	<b>90.9</b>	<b>527.5</b>	<b>406</b>	<b>1024.4</b>	<b>10</b>	<b>1034.4</b>
29			85.7	85.7		85.7
31		77		77		77
281		44.4		44.4		44.4
288		14.9		14.9		14.9
316	60.7		18.6	79.3	10	89.3
317	23.4		125	148.4		148.4
318	4.5		173	177.5		177.5
434		99		99		99
448		29.7		29.7		29.7
449		48.1		48.1		48.1
579		46.5		46.5		46.5
615		21.1		21.1		21.1
663		37.6		37.6		37.6
729		71.8		71.8		71.8
743		9.4		9.4		9.4
763		17		17		17
785		11		11		11
792	2.3		3.7	6		6
<b>Bridgeport Irrigation District</b>		<b>158.4</b>		<b>158.4</b>		<b>158.4</b>
44		4.6		4.6		4.6
713		36.6		36.6		36.6
928		54.7		54.7		54.7
929		27.2		27.2		27.2
942		35.3		35.3		35.3
<b>Castle Rock Irrigation District</b>			<b>32.4</b>	<b>32.4</b>		<b>32.4</b>
124			32.4	32.4		32.4
<b>Central Nebraska Public Power &amp; Irrigation District</b>		<b>11.7</b>		<b>11.7</b>		<b>11.7</b>
933		11.7		11.7		11.7
<b>Cozad Ditch Company</b>	<b>46.9</b>	<b>21</b>	<b>23.1</b>	<b>91</b>		<b>91</b>
467	46.9	21	23.1	91		91

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<b>IRRIGATION DISTRICT Water Use Contract ID</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non- IR Acres</b>	<b>Total Acres</b>
<b>Farmers Irrigation District</b>		<b>69.1</b>	<b>23.1</b>	<b>92.2</b>		<b>92.2</b>
701			23.1	23.1		23.1
702		22.5		22.5		22.5
703	Cancelled After Repayment 2014					
921		11.5		11.5		11.5
923		10.2		10.2		10.2
926		4.7		4.7		4.7
930		7.1		7.1		7.1
948		5.7		5.7		5.7
949		4.6		4.6		4.6
950		2.8		2.8		2.8
<b>Frenchman Valley Irrigation District</b>	<b>376.15</b>	<b>383.57</b>	<b>1269.78</b>	<b>2029.5</b>		<b>2029.5</b>
338		37.8		37.8		37.8
347	41.6		20	61.6		61.6
349	25.13	22.57		47.7		47.7
351			144.3	144.3		144.3
352		25.4	154.7	180.1		180.1
355			177.1	177.1		177.1
362	4.4		67	71.4		71.4
364	1.52		100.88	102.4		102.4
367	16.2		73.2	89.4		89.4
384			56.8	56.8		56.8
437	5.4		60.1	65.5		65.5
444	99.5		26	125.5		125.5
535		108		108		108
639		78		78		78
671		11.1	34.8	45.9		45.9
672			119.9	119.9		119.9
731	18.5		144.4	162.9		162.9
761	70.9		22.6	93.5		93.5
764	76.6			76.6		76.6
814		50.4		50.4		50.4
856	16.4		68	84.4		84.4
877		50.3		50.3		50.3



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IRRIGATION DISTRICT Water Use Contract ID	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non- IR Acres	Total Acres
<b>Frenchman-Cambridge Irrigation District</b>	<b>532.5</b>	<b>2851.65</b>	<b>1273.68</b>	<b>4655.63</b>	<b>84.12</b>	<b>4739.75</b>
60		251.5		251.5		251.5
105	83.9		16	99.9		99.9
232		56		56		56
233	10.9	2	35.7	48.6		48.6
234		181.4		181.4		181.4
236		40.1		40.1		40.1
241	86.6		85.7	172.3		172.3
242		26.6		26.6		26.6
243		37.9		37.9		37.9
249		22.9		22.9		22.9
334		40.5	21	61.5		61.5
339		97		97	6	103
341		222.5		222.5		222.5
354		7.8	59.3	67.1		67.1
365		221.7		221.7		221.7
370		127.8		127.8	18.5	146.3
401	30.1		84.6	114.7		114.7
404		11.1	45	56.1		56.1
405		180.6		180.6		180.6
412		119		119		119
414		16.4		16.4		16.4
417	37.8		53.6	91.4		91.4
418	12.1		28	40.1		40.1
420			52	52		52
423		18.5		18.5		18.5
424			75	75		75
425		21.2		21.2		21.2
426		48.1		48.1		48.1
456		15		15		15
458		48.4		48.4		48.4
459			137.6	137.6	9.6	147.2
460	171.9			171.9		171.9
462	3.1		121.6	124.7		124.7
488			71.2	71.2		71.2
571		151.9		151.9		151.9

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<b>IRRIGATION DISTRICT Water Use Contract ID (Frenchman Cambridge Continued)</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non- IR Acres</b>	<b>Total Acres</b>
572		20.7		20.7		20.7
591		54		54		54
593		103.2		103.2		103.2
599		69.8		69.8	2	71.8
600		124.4		124.4	32	156.4
601	63.6	116.4		180	11.1	191.1
612	0.8		156.8	157.6		157.6
641		110.1		110.1		110.1
695	17.3	102.6		119.9		119.9
737			39.3	39.3		39.3
738			40.98	40.98	4.92	45.9
746	13.7		85.7	99.4		99.4
760			7.3	7.3		7.3
849		105.8		105.8		105.8
857		14.32		14.32		14.32
858		9.53		9.53		9.53
872	0.7		57.3	58		58
874		40.2		40.2		40.2
913		11		11		11
936		2.2			0	0
937		1.5		1.5		1.5
<b>Gering-Ft. Laramie Irrigation District</b>		<b>182.8</b>		<b>182.8</b>	<b>0.6</b>	<b>183.4</b>
117		50.4		50.4	0.6	51
167		39.5		39.5		39.5
198		26.7		26.7		26.7
204		44.9		44.9		44.9
205		13.6		13.6		13.6
213		7.7		7.7		7.7

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<b>IRRIGATION DISTRICT Water Use Contract ID</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non- IR Acres</b>	<b>Total Acres</b>
<b>H &amp; RW Irrigation District</b>	<b>78.3</b>	<b>133.9</b>	<b>567.1</b>	<b>779.3</b>	<b>17.6</b>	<b>796.9</b>
230			134.9	134.9		134.9
248	73.8	10.1	49.9	133.8	6.9	140.7
253			24	24		24
382		53.9		53.9		53.9
406		19.3	87.5	106.8		106.8
563			120.1	120.1		120.1
585			70.2	70.2	9.1	79.3
698	4.5		80.5	85		85
875		50.6		50.6	1.6	52.2
<b>Hooper Irrigation District</b>	<b>5</b>		<b>27</b>	<b>32</b>		<b>32</b>
80	5		27	32		32
<b>Keith-Lincoln County Irrigation District</b>		<b>106.73</b>	<b>242.87</b>	<b>349.6</b>	<b>0</b>	<b>349.6</b>
408		0.7	43	43.7		43.7
657		43.3		43.3		43.3
662			61.9	61.9		61.9
939		62.73	137.97	200.7	0	200.7
<b>Lisco Irrigation District</b>	<b>35.2</b>	<b>176</b>	<b>63.6</b>	<b>274.8</b>		<b>274.8</b>
56		29.1		29.1		29.1
301		25.4		25.4		25.4
320		8		8		8
372		56.9		56.9		56.9
373		37.7		37.7		37.7
374		18.9		18.9		18.9
566	35.2		63.6	98.8		98.8
<b>Nebraska Public Power District</b>	<b>84.3</b>	<b>9.2</b>	<b>5.7</b>	<b>99.2</b>		<b>99.2</b>
740	84.3	9.2	5.7	99.2		99.2

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<b>IRRIGATION DISTRICT Water Use Contract ID</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non- IR Acres</b>	<b>Total Acres</b>
<b>Northport Irrigation District</b>		<b>502.1</b>		<b>502.1</b>	<b>5.3</b>	<b>507.4</b>
40		53		53		53
41		14.8		14.8	2.1	16.9
42		48.6		48.6		48.6
43		10.8		10.8		10.8
46		11.4		11.4		11.4
47		58		58		58
48		27.4		27.4	3.2	30.6
49		29.7		29.7		29.7
50		31.5		31.5		31.5
51		8.3		8.3		8.3
52		26.5		26.5		26.5
295		75.3		75.3		75.3
706		106.8		106.8		106.8
<b>Paisely Irrigation District</b>			<b>106.6</b>	<b>106.6</b>		<b>106.6</b>
26			106.6	106.6		106.6
<b>Pathfinder Irrigation District</b>	<b>39.3</b>	<b>2856.5</b>	<b>128.7</b>	<b>3024.5</b>		<b>3024.5</b>
108		171.6		171.6		171.6
109			54	54		54
110		13.2		13.2		13.2
111	39.3	70.5		109.8		109.8
114		22.2		22.2		22.2
115		103.4		103.4		103.4
119		76.3		76.3		76.3
123		7.5		7.5		7.5
150		132.5		132.5		132.5
151		71.4		71.4		71.4
153		32.1		32.1		32.1
154		17.6		17.6		17.6
156		113		113		113
157		39.5		39.5		39.5
158		125.9		125.9		125.9
159		8.5		8.5		8.5
160		20.2		20.2		20.2
161		141.5		141.5		141.5
162		18.4		18.4		18.4

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IRRIGATION DISTRICT Water Use Contract ID (Pathfinder Continued)	GW Only Acres	SW Only Acres	Comingled Acres	Total IR Acres	Total Non- IR Acres	Total Acres
163		6		6		6
164		18.6		18.6		18.6
166		7.5		7.5		7.5
168		56.5		56.5		56.5
169		123.6		123.6		123.6
170		59.7		59.7		59.7
171		53.5		53.5		53.5
193		66.3		66.3		66.3
194		24.2		24.2		24.2
195		24.1		24.1		24.1
196		86.6		86.6		86.6
197		158.2		158.2		158.2
199		93.6		93.6		93.6
200		69.6		69.6		69.6
201		103.6		103.6		103.6
210		86.5		86.5		86.5
214		198.6		198.6		198.6
215			74.7	74.7		74.7
216		64.9		64.9		64.9
217		31.1		31.1		31.1
218		65.3		65.3		65.3
290		75.8		75.8		75.8
291		29.7		29.7		29.7
714		140.3		140.3		140.3
925		10		10		10
941		17.4		17.4		17.4
<b>Paxton-Hershey Water Company</b>		<b>58.8</b>	<b>105.2</b>	<b>164</b>		<b>164</b>
397		58.8		58.8		58.8
537			74.4	74.4		74.4
587			30.8	30.8		30.8
<b>Platte Valley Irrigation District</b>		<b>65.1</b>	<b>9.3</b>	<b>74.4</b>		<b>74.4</b>
375		42		42		42
736			9.3	9.3		9.3
789		23.1		23.1		23.1
<b>Riverside Irrigation Company, Inc.</b>		<b>67.7</b>	<b>62.5</b>	<b>130.2</b>		<b>130.2</b>
353			62.5	62.5		62.5
356		67.7		67.7		67.7

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<b>IRRIGATION DISTRICT Water Use Contract ID</b>	<b>GW Only Acres</b>	<b>SW Only Acres</b>	<b>Comingled Acres</b>	<b>Total IR Acres</b>	<b>Total Non- IR Acres</b>	<b>Total Acres</b>
<b>Suburban Irrigation District</b>	<b>27.4</b>	<b>14</b>	<b>32.8</b>	<b>74.2</b>		<b>74.2</b>
398		14		14		14
688	27.4		32.8	60.2		60.2
<b>Grand Total</b>	<b>1315.95</b>	<b>8254.65</b>	<b>4379.43</b>	<b>13950.03</b>	<b>117.62</b>	<b>14067.65</b>

## APPENDIX I

### Republican Basin CREP Accounting Procedures

The basic premise for the Platte-Republican Conservation Reserve Enhancement Program (CREP) is to improve water quantity and quality, enhance wildlife habitat, reduce irrigation water consumptive use and reduce agricultural chemical and sediment runoff by retiring existing water uses for a period of ten to fifteen years. The retirement of existing water uses must not cause harm to existing water rights users. It is our task to protect and/or store only the consumptive use portion of the of the water right enrolled in CREP and in turn maintain return flows in proper timing and amount.

#### Natural Flow Only Permits (Non Project Water)

- 1) Protected by natural flow transfer permit
- 2) Transferred permit retains same priority date
- 3) According to Nebraska Law, if the transferred permit is senior to a storage reservoir, the transferred permit water would be passed through the reservoir. If the transferred permit is junior to a storage reservoir, it could be stored in the reservoir.

#### Storage Permits (Project Water)

- 1) Calculate the amount of estimated water supply for each acre assuming no CREP.
- 2) Calculate CREP Water saved due to diversions foregone.

$(\text{CREP Acres}) \times (\text{Estimated Delivery per Acre}) \times (\% \text{ Consumptive Use}) = \text{CREP Water (Consumptive Use Portion)}$

- 3) Calculate amount of water not consumed due to diversions forgone by CREP contract.

$(\text{Estimated Total Release}) - (\text{CREP Water}) = \text{Total Water Available for Diversion}$

- 4) The amount of CREP Water (Consumptive Use Portion) will remain in the reservoir as “CREP Water” as long as the total reservoir contents are below the reservoirs target level as determined by the Nebraska Game and Parks Commission to maintain the fishery.

#### Desirable Target Elevations - NE Game & Parks Co.

Reservoir Name	Elevation	Content - AF
Enders	3,089.40	14,009
Swanson	2,735.00	45,211
Hugh Butler*	2,570.00	19,901
Harry Strunk	2,355.00	19,631
Harlan County	1,927.00	118,099

- 5) The CREP savings will be credited to a CREP storage account for each lake having CREP savings on September 30<sup>th</sup> of the year that it was accrued. The CREP Storage Account will be charged evaporation and seepage losses in proportion to the amount of water in the CREP account in proportion to the total amount of water in the lake that has savings due to CREP.
- 6) If at any time during the year the elevation of each lake having CREP storage savings reaches the trigger level elevation as identified in the Platte-Republican CREP Memorandum of Agreement (MOA), then the CREP Account will be reset to zero. When the elevation of any lake identified in the Platte-Republican CREP MOA falls below the target, CREP Water Savings will accrue when diversions are made.

## **Accounting Notes:**

- Consumptive Use shall be defined as  $1 - \text{Return Flow as percent (\%)} of canal diversion as computed in the Republican River Compact Agreement annual accounting procedures, Attachment 7. The most recent computations for each canal will be used to calculate consumptive use.$
- Evaporation is to be calculated monthly
- Monthly evaporation charged to the CREP account will be totaled for the year.
- Evaporation charged to the CREP account is to be proportionate to the amount of CREP Water in relation to total amount of water in the reservoir
- CREP accounting is to be completed by December 1<sup>st</sup> each year
- The Bureau of Reclamation will make a good faith effort to avoid releasing any CREP water during the year.
- \*Hugh Butler Lake elevation was being maintained near the dead pool to reduce risk related to embankment cracking discovered in late 2009. The reservoir storage has been evacuated and no irrigation releases will be made until the dam has been repaired. Due to the current condition for the purposes of this report the reservoir is considered to be operationally full and no net savings of CREP water can be realized.



## **APPENDIX J**

### **Accounting for CREP Water Stored in Lake McConaughy**

#### **MEMORANDUM OF AGREEMENT**

between  
Nebraska Department of Natural Resources  
and  
The Central Nebraska Public Power and Irrigation District  
regarding  
Accounting for CREP Water Stored in Lake McConaughy

This Memorandum of Agreement is entered into by the State of Nebraska, Department of Natural Resources (NDNR), 301 Centennial Mall South, P.O. Box 94676, Lincoln, NE 68509 and The Central Nebraska Public Power and Irrigation District (CNPPID), 415 Lincoln Street, P.O. Box 740, Holdrege, NE 68949 on this 17th day of October, 2006.

WHEREAS, the State of Nebraska and the United States Department of Agriculture have implemented a joint program known as the Platte-Republican Resources Area Conservation Reserve Enhancement Program (CREP) whose purposes are to enhance wildlife habitat in Nebraska and to improve water quality and quantity; and

WHEREAS, the CREP program requires the State of Nebraska to, among other things, reduce the consumptive use of water for crop irrigation and increase the amount of water within reservoirs in the CREP priority area; and

WHEREAS, the CNPPID owns and operates Lake McConaughy, a large reservoir within the CREP priority area that stores water appropriated for irrigation use, including water appropriated to farmers who have enrolled in CREP; and

WHEREAS, the CNPPID desires to cooperate with the State of Nebraska and assist the State with its efforts to enhance wildlife habitat and improve water quantity and quality in the State through the CREP program by accounting for water stored in Lake McConaughy due to participation in the CREP program.

NOW THEREFORE, the parties hereby agree that water stored in Lake McConaughy that can be attributed to the CREP program will be accounted for as follows:

1. CNPPID agrees to limit the use of a quantity of water in Lake McConaughy in accordance with the procedures and formulae described below in order to account for the reduction in water used by customers of the canals and irrigation districts below Lake McConaughy on lands served by storage water or served by a combination of storage and natural flow who are enrolled in CREP. This quantity of water shall be referred to as "CREP water."
2. The water shall be considered CREP water as long as no more than a total of 2,000 acres of land irrigated by storage water from CNPPID's Lake McConaughy are enrolled in CREP in any given year. If more than this amount is enrolled in CREP, a different accounting system will be developed if determined to be necessary by CNPPID.

3. If the appropriation enrolled in CREP did not receive an instream use transfer, the formula for quantifying the CREP water shall be:

$((\text{Cumulative total irrigation diversion in the storage use time period} \times (1 - \text{transportation loss}) \times (1 - \text{application loss})) / \text{number of acres under the canal water right}) \times \text{CREP acres} = \text{water saved by CREP in Lake McConaughy, by canal}$

WHERE:

- a. Storage use time period = any day in which storage water was diverted at the headgate of each canal. CNPPID and NDNR, (and following consultation with the Nebraska Public Power District (NPPD) in those cases involving NPPD canals or their contract canals), will agree which of these periods will be included in the cumulative total diversion in the formula.
  - b. Transportation loss = loss between diversion at the canal Headgate on the river and delivery to the field which is assumed to be 50%
  - c. Application loss = assumed efficiency of the field application for the CREP acres which is assumed to be 50%
4. If the appropriation enrolled in CREP received an instream use transfer, the formula for quantifying the CREP water in Lake McConaughy shall be the same as #3 above but the amount of water transferred to an instream use will be subtracted from this calculation. NDNR and CNPPID must mutually determine that this formula should be applied and if agreement is not reached, no water will be credited to Lake McConaughy from these CREP acres.
5. There may be periods (one or more days) during the summer that contractual limitations preclude CREP from saving water or wet periods that prevent natural flow from being saved. CNPPID will gather information about the way in which the weather affected operation of irrigation canals from the operators of the canals and irrigation districts that have Lake McConaughy storage use rights. When the canals have to alter their operating procedures because of the weather conditions described below, the formula in #3 above will not be applied.
- a. The climatic conditions were not dry enough to require that storage water for irrigation be released from McConaughy and diverted by the canal.
  - b. The climatic conditions were so dry that canal operations were planned to not meet the full irrigation demand for the acres under contract to receive surface water.
  - c. The natural flow water conserved by the reduction in consumptive use due to participation in CREP is not used by another canal relying on Lake McConaughy as a source of supply and that canal is not taking storage

water. (Another canal must be able to make use of the conserved natural flow in exchange for reduced storage releases from Lake McConaughy for the benefit to accrue in the Lake.) Examples of when this might occur include when natural flow available exceeds the demands by canals relying on McConaughy or when canals not associated with McConaughy storage are opened from administration. This exception to the use of the formula in #3 will be applied when there is natural flow passing the Platte River at Cozad gage and/or being returned at the Johnson #2 River Return and Kearny Canal is not requesting administration. The record of the most junior natural flow appropriation that is not being regulated will also be used to determine the application of this exception.

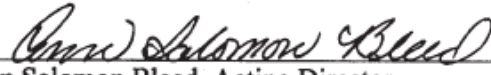
6. The maximum water quantified as CREP water from CNPPID's contract canals cannot exceed the difference between the contracted storage limit measured at the headgate of those canals and the actual storage delivered.
7. The maximum water quantified as CREP water from NPPD's canals and contract canals cannot exceed the difference between the contractual limitation on storage water use contained in the 1954 Water Storage Agreement between CNPPID and NPPD and the actual storage delivered to that location.
8. The CREP water savings will be calculated on September 30 of the year that it was accrued and will be tracked separately in Lake McConaughy. The CREP water will be charged evaporation and seepage losses in proportion to the amount of CREP water to the total amount of water in the Lake in the same manner as the Environmental Account.
9. If at any time during the year the elevation of Lake McConaughy is above the target elevation of 3,218 feet msl or 650,000 acre feet of storage as identified in the Memorandum of Agreement between the United States Department of Agriculture and the NDNR regarding the Nebraska Platte-Republican Resources Area CREP, the CREP water will cease to be tracked separately and will become available for use by CNPPID and its water service customers. When the elevation of Lake McConaughy falls below the target elevation, CREP water savings will accrue when diversions are made.
10. If the land enrolled in CREP is irrigated by both surface and ground water it shall be assumed that the land was irrigated with ground water only. No surface water savings will be considered CREP water unless the NDNR provides documentation to prove otherwise.
11. CNPPID does not guarantee, warrant or insure to the NDNR its right or authority to enter into this Agreement or to provide the water services described herein. NDNR shall make no claims against CNPPID on account of any party having a superior right to the use of the CREP water. In the event any party claims to have a superior right to the use of the CREP water, CNPPID, in its sole discretion, may settle said claim or claims for such consideration and upon such terms as CNPPID may deem proper.

12. This Agreement is for a term of twenty (20) years beginning on the first day of April, 2005, and ending on the last on the last day of March, 2025. The term of this Agreement may be extended or earlier terminated by mutual written agreement of CNPPID and NDNR.

THE CENTRAL NEBRASKA PUBLIC POWER AND IRRIGATION DISTRICT

By:  Date: 10-12-06  
Don Kraus, General Manager

NEBRASKA DEPARTMENT OF NATURAL RESOURCES

By:  Date: 10-17-06  
Ann Salomon Bleed, Acting Director  
Nebraska Department of Natural Resources

**APPROVED**  
AS TO FORM & CONTENT  
BY NDNR LEGAL COUNSEL  
 DATE 10-18-06