

**Interrelated Water Management Plan Program Funds Application**  
**Deadline for Applications March 1, 2010**

**Project Sponsor(s):** Central Platte Natural Resources District, Nebraska Department of Natural Resources, Twin Platte Natural Resources District

**Project Name:** Identifying Difference Over to Fully Appropriated

**Continuation Projects**

*Please provide information regarding your request for FY2010-11 and identify changes, if any, in project scope, activities and/or funding requirements from your original application.*

**Total Amount Funds Requested from the Interrelated Water Management Plan Program Fund (IWMPPF):** \$350,000.00

**Year of project for which funding is requested (select one):** 1    2    3

**Amount Requested from the Fund in FY2010-11:** \$30,000.00

**Amount of Local Match Offered in FY2010-11 (must equal at least 20% of total project costs for the year):** \$13,900.00

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**Title:** General Manager  
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Grand Island, NE 68803

**Daytime Phone:** 308-385-6282                      **Fax:** 308-385-6285

**E-mail:** rbishop@cpnrd.org

**Is this a continuation request for a project previously funded by the Commission?**    YES    NO

**Project Overview:** In 300 words or less provide an overview of the project for which you seek funding. If you are asking the Natural Resources Commission to fund only a portion of the project, indicate the components for which you seek funding.

This project has two basic features or components. The first component is the completion of the final three tasks in refining the procedures for evaluating fully appropriated conditions for river basins in Nebraska. This effort was started by Central Platte NRD (Central Platte) and the Nebraska Department of Natural Resources (DNR) in 2009. The firm of HDR was hired in mid-2009 to address the first two tasks of the evaluation, that being 1) Background data collection and review and 2) Development of potential refinements and recommendations for refining evaluation procedures. These two tasks are currently underway and are expected to be completed by early May 2010.

This project begins where the two evaluations tasks leave off. The first component of this project will involve the selection, development and incorporation of the new methodology. The second component will be the testing of the new methodology and the third will be the evaluation and finalization of a methodology or procedure for evaluating fully appropriated conditions.

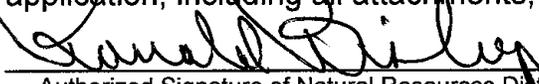
# Interrelated Water Management Plan Program Funds Application

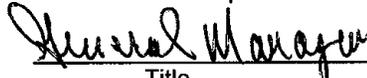
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Once that procedure is tried, tested, and accepted it will become the basis for the second component for this project which is to identify the difference in water volume between fully appropriated and over appropriated in the Platte River Basin above Elm Creek.

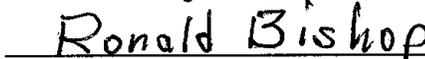
This identification of differences will be identified for each Natural Resources Districts areas so they and the Department can incorporate the numbers into the Basin Plans and the individual NRDs Integrated Management Plans.

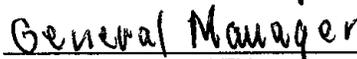
On behalf of the sponsor(s) named above, I hereby certify that the information contained in this application, including all attachments, is true, accurate and complete.

  
Authorized Signature of Natural Resources District

  
Title

  
Date

  
Typed or Printed Name of Authorized Signatory

  
Typed or Printed Title

# **Interrelated Water Management Plan Program Funds Application**

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## **NARRATIVE**

### **Introduction**

State law requires the identification of the amount of water needed to bring "over-appropriated basins and over-appropriated NRDs back to a "fully-appropriated" condition, as part of the Basin Plan and the individual NRD integrated management plans developed in the over-appropriated areas by the NRDs and the Nebraska Department of Natural Resources (DNR).

The Platte River Basin in Nebraska above the Nebraska Public Power District (NPPD), Kearney Canal diversion at Elm Creek, Nebraska has been designated as "over-appropriated" by the DNR and therefore the identification of the difference needed to return to fully-appropriated is required. The amount was not yet identified at the end of the time allowed by statute to complete the basin wide plan nor the individual NRD integrated management plans (IMP). It was therefore mutually agreed by the NRDs and the Department of Natural Resources that the task of identifying the difference would be carried out during the first increment of the IMPs.

### **Project Objectives**

The objectives of this project are two-fold.

First objective is to make sure we have a sound basis from which to measure the difference between where we are now (over-appropriated) and where we need to be (fully-appropriated). Toward that objective this projects will complete the last three tasks of a five task effort started in mid-2009 by Central Platte NRD and DNR entitled "Refining the Procedures for Evaluating Fully-Appropriated Conditions" for River Basins in Nebraska. It was started in anticipation of Central Platte, DNR, and the other four Platte Basin NRDs in the over-appropriated area submitting this application. The intent was to get the effort started and get some of the initial efforts out of the way prior to Interrelated Water Management Plan Program Funds being available so that as IWMPF funds become available the overall effort could proceed uninterrupted and the initial effort of identifying options and having a recommended procedure for evaluating the fully-appropriated status of a basin would be complete and the group could move right into selection of the most appropriate option and testing and adopting that option for state-wide use. Once there is a sound basis that has been adopted for identification of "fully-appropriated" conditions it will become the basis for measuring how far the "over-appropriated" condition is from that base.

That identifications of the difference between where we are now (over-appropriated) and where we need to be (fully-appropriated) becomes the second objective of this project. This objective will identify not only the amount of flow difference between over-appropriated and fully-appropriated for the entire basin, but will also identify those differences for each of the areas covered by the five different NRDs in the basin so they and the DNR can include those amounts in their individual IMPs as required by statute.

A consultant will be hired to independently identify those differences and submit them to the DNR and individual NRD for review and comment before a final report is completed.

### **Project Tasks**

TASK 1 – Selection, development and incorporation of new methodology for use in performing fully-appropriated evaluation.

TASK 2 – Testing the methodology by applying it to both the Platte River above Columbus and the Platte River below Columbus.

TASK 3 – Evaluate the effectiveness of the procedures performed during the test application and the finalized evaluation procedure.

TASK 4 – Develop RFP for identifying differences between fully-appropriated and over-appropriated conditions in the Platte Basin above Elm Creek, Nebraska. Identification will be by NRD area as well as basin as a whole.

TASK 5 – Develop short list from responses to RFP. Conduct interviews and select consultant from among the short list of RFP respondents

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TASK 6 – Consultants will review Nebraska Revised Statutes as well as approaches that may be utilized elsewhere to perform similar task.

TASK 7 – Consultant will review existing surface water rights/uses related statutes and ground water rights/uses and their related statutes.

TASK 8 – Consultant will meet with water interest from basin seeking input from interested users. There will be at least three regional meetings to allow interests to become aware of project and to make comments/inputs.

TASK 9 – Consultant conducts study and outlines in a preliminary report, their findings regarding the difference between over and fully-appropriated for each NRD area and for basin.

TASK 10 – NRD and DNR review and comment on preliminary report.

TASK 11 – Consultant finalizes report on difference and provides 5 hard copies and a digital copy to each of the sponsors.

TASK 12 – Consultants and sponsors conduct at least three follow-up meetings across the basin to discuss and explain final report and its meaning (impact to each NRD area).

### **Project Timeline**

July 1, 2010 – Task 1 initiated.

September 1, 2010 – Task 1 completed – Task 2 initiated.

December 1, 2010 – Task 2 completed – Task 3 initiated.

February 1, 2011 – Task 3 completed – Task 4 initiated.

March 1, 2011 – Task 4 completed.

April 1, 2011 – Task 5 initiated.

May 1, 2011 – Task 5 completed – Task 6 initiated.

June 1, 2011 – Task 6 completed – Task 7 initiated.

August 1, 2011 – Task 7 completed – Task 8 initiated.

September 1, 2011 – Task 8 completed – Task 9 initiated.

November 1, 2011 – Task 9 completed – Task 10 initiated.

November 15, 2011 – Task 10 completed – Task 11 initiated.

January 1, 2012 – Task 11 completed - Task 12 initiated.

February 1, 2012 – TASK 12 completed & project completed.

### **Project Partnerships**

The project is being co-sponsored by the five NRDs in the basin (Central Platte, Tri-Basin, Twin Platte, South Platte, and North Platte NRDs) and the Nebraska Department of Natural Resources (DNR).

Each sponsor will be contributing funds and/or in-kind services towards the project to assist in carrying out the tasks and paying part of the consultant fees (see budget breakdown for details on tasks and inputs).

# Interrelated Water Management Plan Program Funds Application

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## APPLICATION BUDGET SUMMARY

### SUMMARY for All Years of Project

(If the project is for one year only, use this only page and delete the following budget pages)

Column A	Column B	Column C	Column D	Column E	Column F
Source of Funds ►	Interrelated Water Plan Program Funds	Local Match Funds DNR	CENTRAL PLATTE NRD	TRI-BASIN NRD	TOTALS ▼
Budget Category as it relates to activities described above ▼					
1. TASK I	---	5,000.00	1,000.00	1,000.00	(continued)
2. TASK II	3,000.00	10,000.00	500.00	500.00	
3. TASK III	1,000.00	2,000.00	500.00	500.00	
4. TASK IV	---	1,000.00	1,000.00	100.00	
5. TASK V	---	500.00	500.00	500.00	
6. TASK VI	13,000.00	---	---	---	
7. TASK VII	13,000.00	---	---	---	
8. TASK VIII	10,000.00	3,000.00	2,000.00	2,000.00	
9. TASK IX	296,000.00	23,500.00	21,500.00	22,400.00	
10. TASK X	---	2,000.00	1,000.00	1,000.00	
11. TASK XI	4,000.00	---	---	---	
12. TASK XII	10,000.00	3,000.00	2,000.00	2,000.00	
13.					
14.					
15.					
16.					
<b>TOTALS ►</b>	350,000.00	50,000.00	30,000.00	30,000.00	(continued)

# Interrelated Water Management Plan Program Funds Application

**Deadline for Applications March 1, 2010**

## ALL YEARS - SUMMARY

(This page is used by multi-year grants only. If your project is not a multi-year grant, then ignore or delete this page.)

Column A	Column B	Column C	Column D	Column E	Column F
Source of Funds ▶	Interrelated Water Plan Program Funds	Local Match Funds Twin Platte NRD	North Platte NRD	South Platte NRD	TOTALS ▼
Budget Category as it relates to activities described above ▼					
1. TASK I		1,000.00	1,000.00	1,000.00	10,000.00
2. TASK II		500.00	500.00	500.00	15,500.00
3. TASK III		500.00	500.00	500.00	5,500.00
4. TASK IV		100.00	100.00	100.00	2,400.00
5. TASK V		500.00	500.00	500.00	3,000.00
6. TASK VI		---	---	---	3,000.00
7. TASK VII		---	---	---	3,000.00
8. TASK VIII		2,000.00	2,000.00	2,000.00	23,000.00
9. TASK IX		22,400.00	32,400.00	7,400.00	445,600.00
10. TASK X		1,000.00	1,000.00	1,000.00	7,000.00
11. TASK XI		---	---	---	4,000.00
12. TASK XII		2,000.00	2,000.00	2,000.00	23,000.00
13.					
14.					
15.					
16.					
<b>TOTALS ▶</b>		30,000.00	40,000.00	15,000.00	545,000.00

# Interrelated Water Management Plan Program Funds Application

**Deadline for Applications March 1, 2010**

**BUDGET YEAR: ONE**

(This page is used by multi-year grants only. If your project is not a multi-year grant, then ignore or delete this page.)

Column A	Column B	Column C	Column D	Column E	Column F
Source of Funds ▶	Interrelated Water Plan Program Funds	Local Match Funds DNR	Central Platte NRD	Tri-Basin NRD	TOTALS ▼
Budget Category as it relates to activities described above ▼					
1. TASK I	---	5,000.00	1,000.00	1,000.00	(continued)
2. TASK II	3,000.00	10,000.00	500.00	500.00	
3. TASK III	1,000.00	2,000.00	500.00	500.00	
4. TASK IV	---	1,000.00	1,000.00	100.00	
5. TASK V	---	500.00	500.00	500.00	
6. TASK VI	13,000.00	---	---	---	
7. TASK VII	13,000.00	---	---	---	
8. TASK VIII	---	---	---	---	
9. TASK IX	---	---	---	---	
10. TASK X	---	---	---	---	
11. TASK XI	---	---	---	---	
12. TASK XII	---	---	---	---	
13.					
14.					
15.					
16.					
<b>TOTALS ▶</b>	30,000.00	18,500.00	3,500.00	2,600.00	(continued)

# Interrelated Water Management Plan Program Funds Application

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**BUDGET YEAR: ONE**

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Column A	Column B	Column C	Column D	Column E	Column F
Source of Funds ▶	Interrelated Water Plan Program Funds	Local Match Funds Twin Platte NRD	South Platte NRD	North Platte NRD	TOTALS ▼
Budget Category as it relates to activities described above ▼					
1. TASK I		1,000.00	1,000.00	1,000.00	10,000.00
2. TASK II		500.00	500.00	500.00	15,500.00
3. TASK III		500.00	500.00	500.00	5,500.00
4. TASK IV		100.00	100.00	100.00	2,400.00
5. TASK V		500.00	500.00	500.00	3,000.00
6. TASK VI		---	---	---	13,000.00
7. TASK VII		---	---	---	13,000.00
8. TASK VIII		---	---	---	13,000.00
9. TASK IX		---	---	---	---
10. TASK X		---	---	---	---
11. TASK XI		---	---	---	---
12. TASK XII		---	---	---	---
13.					
14.					
15.					
16.					
<b>TOTALS ▶</b>		2,600.00	2,600.00	2,600.00	62,400.00

# Interrelated Water Management Plan Program Funds Application

**Deadline for Applications March 1, 2010**

**BUDGET YEAR: TWO**

(This page is used by multi-year grants only. If your project is not a multi-year grant, then ignore or delete this page.)

Column A	Column B	Column C	Column D	Column E	Column F
Source of Funds ▶	Interrelated Water Plan Program Funds	Local Match Funds DNR	Central Platte NRD	Tri-Basin NRD	TOTALS ▼
Budget Category as it relates to activities described above ▼					
1. TASK I	---	---	---	---	(continued)
2. TASK II	---	---	---	---	
3. TASK III	---	---	---	---	
4. TASK IV	---	---	---	---	
5. TASK V	---	---	---	---	
6. TASK VI	---	---	---	---	
7. TASK VII	---	---	---	---	
8. TASK VIII	10,000.00	3,000.00	2,000.00	2,000.00	
9. TASK IX	296,000.00	23,500.00	21,500.00	22,400.00	
10. TASK X	---	2,000.00	1,000.00	1,000.00	
11. TASK XI	4,000.00	---	---	---	
12. TASK XII	10,000.00	3,000.00	2,000.00	2,000.00	
13.					
14.					
15.					
16.					
<b>TOTALS ▶</b>	320,000.00	31,500.00	26,500.00	27,400.00	(continued)

# Interrelated Water Management Plan Program Funds Application

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## BUDGET YEAR: TWO

(This page is used by multi-year grants only. If your project is not a multi-year grant, then ignore or delete this page.)

Column A	Column B	Column C	Column D	Column E	Column F
Source of Funds ▶	Interrelated Water Plan Program Funds	Local Match Funds Twin Platte NRD	South Platte NRD	North Platte NRD	TOTALS ▼
Budget Category as it relates to activities described above ▼					
1. TASK I		---	---	---	---
2. TASK II		---	---	---	---
3. TASK III		---	---	---	---
4. TASK IV		---	---	---	---
5. TASK V		---	---	---	---
6. TASK VI		---	---	---	---
7. TASK VII		---	---	---	3,000.00
8. TASK VIII		2,000.00	2,000.00	2,000.00	23,000.00
9. TASK IX		22,400.00	7,400.00	32,400.00	422,600.00
10. TASK X		1,000.00	1,000.00	1,000.00	7,000.00
11. TASK XI		---	--	--	4,000.00
12. TASK XII		2,000.00	2,000.00	2,000.00	23,000.00
13.					
14.					
15.					
16.					
<b>TOTALS ▶</b>		27,400.00	12,400.00	37,400.00	482,600.00

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1. **Have other sources of funding not listed in the Budget Worksheet been approached for project support? If yes, name them and explain the outcome of your request.**

No.

2. **Are all of the matching funds in the Budget Worksheet confirmed? If not, please identify those entities and list the date when confirmation is expected. Explain how you will implement the project if these sources do not confirm participation.**

Yes, all sponsors and all matching funds have been confirmed.

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Grant applications and information on grant guidelines and time table can be found on the Department of Natural Resources Web Site: <http://www.dnr.ne.gov>.

## **Application Submission:**

1. One paper copy of the grant application with the required signatures is to be submitted by **March 1, 2010** to:

Nebraska Department of Natural Resources  
c/o Kent Zimmerman  
301 Centennial Mall South  
Lincoln, NE 68509-4676

2. One electronic copy is to be emailed by **March 1, 2010** to:  
[kent.zimmerman@nebraska.gov](mailto:kent.zimmerman@nebraska.gov)