



IN REPLY REFER TO:
GP-5000
ADM-13.00

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

P.O. Box 36900

Billings, Montana 59107-6900

JUN 22 2011



RECEIVED

JUN 24 2011

Colorado Water Conservation Board

Mr. Jeff Yost
Nebraska Community Foundation
650 J Street
Lincoln, NE 68501

Subject: Modification No. 025 to Cooperative Agreement No. 99-FC-60-11870 for Administrative Support to the Governance Committee and Executive Director Established Pursuant to the Platte River Recovery Implementation Program Cooperative Agreement

Dear Mr. Yost:

Enclosed for your records is a fully executed copy of the subject modification. The modification reserves additional funds in the amount of \$12,209,000 for the enclosed Fiscal Year 2011 Work Plan. It also changes the Bureau of Reclamation's Cooperative Agreement to R99AC60001.

I can be reached at (406) 247-7684 if you have any questions regarding this matter.

Sincerely,

Lindsey Nafts
Grants Officer

Enclosure

cc: James Schneider
Nebraska Department of Natural Resources
301 Centennial Mall South
Lincoln, NE 68509-4676
(w/ encl)

Ted Kowalski
Colorado Water Conservation Board
1313 Sherman St., Room 721
Denver, CO 80203
(w/ encl)

Michael K. Purcell
Wyoming Water Development Office
6920 Yellowtail Road
Cheyenne, WY 82002
(w/ encl)

Signature and Forwarding Instructions

1. Grants Officer mails five copies Modification 25 package to the Nebraska Community Foundation
2. The appropriate NCF official completes block 16 of the modification form
3. NCF mails the five signed copies of Modification 25 to the Nebraska Department of Natural Resources
4. The appropriate NEDNR official signs the five copies
5. The NEDNR sends the five signed copies of Modification 25 to the Wyoming Water Development Office
6. The appropriate official of the WWDC signs all five copies of Modification 25
7. The WWDC sends the five signed copies of Modification 25 to the Colorado Water Conservation Board (CWCB)
8. The appropriate official of the CWCB signs all five copies of Modification 25
9. The CWCB sends the five signed copies of Modification 25 to the Grants Officer
10. The Grants Officer receives the signed copies of Modification 25
11. The Grants Officer provides the final signature to the copies of Modification 25, and distributes a signed copy of Modification 25 to each of the parties

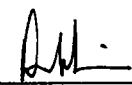
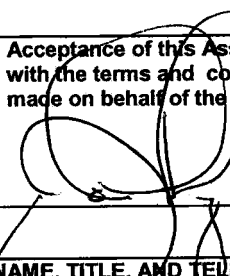
James Schneider
Nebraska Department of Natural Resources
301 Centennial Mall South
Lincoln, NE 68509-4676

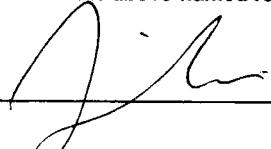


Michael K. Purcell
Director
Wyoming Water Development Office
6920 Yellowtail Road
Cheyenne, WY 82002

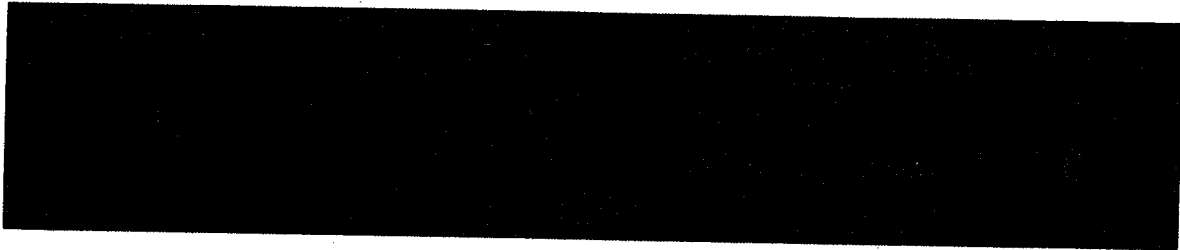
Ted Kowalski
Colorado Water Conservation Board
1313 Sherman St.
Room 721
Denver, CO 80203

Lindsey Nafts
Grants Officer
Bureau of Reclamation
PO Box 36900
Billings, MT 59107-6900
Ph. (406) 247-7684

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
ASSISTANCE AGREEMENT**

1A. AGREEMENT NUMBER 99-FC-60-11870 R99AC60001	1B. MOD NUMBER 025	2. TYPE OF AGREEMENT <input type="checkbox"/> GRANT <input checked="" type="checkbox"/> COOPERATIVE AGREEMENT	3. CLASS OF RECIPIENT Non-profit								
4. ISSUING OFFICE (NAME, ADDRESS) Bureau of Reclamation P.O. Box 36900 Billings, MT 59107-6900		5. RECIPIENT (NAME, ADDRESS) Nebraska Community Foundation P.O. Box 83107 Lincoln, NE 68501-3107 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 15%;">EIN #:</td> <td style="width: 25%;">47-0769903</td> <td style="width: 20%;">County:</td> <td style="width: 40%;">Lancaster</td> </tr> <tr> <td>DUNS #:</td> <td>129834420</td> <td>Congress. Dist:</td> <td></td> </tr> </table>		EIN #:	47-0769903	County:	Lancaster	DUNS #:	129834420	Congress. Dist:	
EIN #:	47-0769903	County:	Lancaster								
DUNS #:	129834420	Congress. Dist:									
6. ADMINISTRATIVE POINT OF CONTACT (NAME, ADDRESS) Lindsey Nafts Grants Officer Bureau of Reclamation Great Plains Regional Office P.O. Box 36900 Billings, MT 59107-6900 Ph. (406) 247-7684 Email: lnafts@usbr.gov		7. RECIPIENT PROJECT MANAGER (NAME, ADDRESS) Diane Wilson Nebraska Community Foundation P.O. Box 83107 Lincoln, NE 68501-3107 Ph. (402) 323-7330									
8. GRANTS OFFICER TECHNICAL REPRESENTATIVE (NAME, ADDRESS) Marla Simpson Bureau of Reclamation Wyoming Area Office P.O. Box 1630 Mills, WY 82644 Ph. (307) 261-5620 Email: msimpson@usbr.gov		9A. INITIAL AGREEMENT EFFECTIVE DATE: 06-28-1999	9B. MODIFICATION EFFECTIVE DATE: See Block 17a								
10. COMPLETION DATE 09-30-2012											
11a. PROGRAM STATUTORY AUTHORITY P.L. 110-229, Consolidated Act of Natural Resources Act, Section 515 Platte River Recovery Implementation Program and Pathfinder Modification Project			11b. CFDA 15.544								
12. FUNDING INFORMATION	RECIPIENT/OTHER	RECLAMATION	13. REQUISITION NUMBER N/A								
Total Estimated Amount of Agreement	\$10,431,153.02	\$56,846,158.39	14. ACCOUNTING AND APPROPRIATION DATA A30-1745-4995-001-00-0-0-411C-6A11000								
This Obligation		\$12,209,000.00									
Previous Obligation		\$36,560,158.39									
Total Obligation		\$48,769,158.39									
15. PROJECT TITLE AND BRIEF SUMMARY OF PURPOSE AND OBJECTIVES OF PROJECT <p><u>Project Title:</u> Platte River Recovery Implementation Program</p> <p><u>Notice of Additional Reservation of Funds:</u> In addition to funds previously reserved under the agreement, \$12,209,000.00 is hereby reserved to cover payment of all earnings by the recipient under the agreement. Total funding is now changed from \$36,560,158.39 to \$48,769,158.39. It is to be expressly understood the Government has no obligation to provide funds in addition to those reserved in writing.</p> <p>The modification changes the Bureau of Reclamation's cooperative agreement number to R99AC60001.</p> <p>See Attachment I for the Scope of Work and Budget See Attachment II for the Cost Share Description</p>											
16a. Acceptance of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the above-named recipient BY:  DATE: 6/07/2011		17a. Acceptance of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the above-named recipient BY:  DATE: 6/17/2011									
16b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER Diane M. Wilson Nebraska Community Foundation Ph. (402) 323-7330		17b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER Michael J. Ryan Bureau of Reclamation Ph. (406) 247-7601									

<p>18a. Acceptance of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the above-named recipient</p> <p>BY: <u></u> DATE: <u>6-10-11</u></p>	<p>19a. Acceptance of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the above-named recipient</p> <p>BY: <u></u> DATE: <u>6/15/11</u></p>
<p>18b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER James C. Schneider Deputy Director Nebraska Department of Natural Resources Ph. (402) 471-3141</p>	<p>19b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER Michael K. Purcell Director Wyoming Water Development Officer Ph. (307) 777-7626</p>
<p>20a. Award of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the United States of America, Bureau of Reclamation</p> <p>BY: <u></u> DATE: <u>6/15/2011</u></p>	
<p>20b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER Ted Kowalski Colorado Water Conservation Board Ph. (303) 866-3441</p>	



Prepared by:
Executive Director's Office (EDO)
Platte River Recovery Implementation Program (PRRIP or Program)
Kearney, Nebraska

Prepared for:
PRRIP Governance Committee
John Lawson, Chair

**Final Budget and Work Plan Recommended by Executive Director
December 7, 2011**

**Final Budget and Work Plan Revised and Approved by Governance Committee
December 7, 2011**

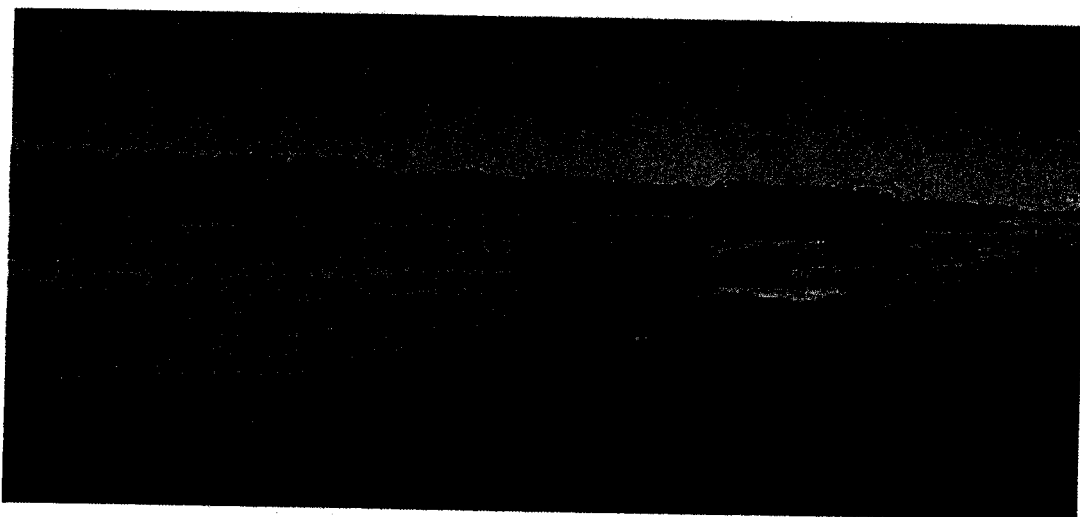




Table of Contents

Introduction.....	4
Executive Director's Office (ED)	
ED-1: Salaries/Travel/Office Expenditures.....	5
ED-2: Administrative and Other Support Services.....	6
ED-3: Public Outreach.....	7
Governance Committee/Finance Committee (GFC)	
GFC-1: NCF Fees.....	8
GFC-2: Pulse Flow and Other Insurance.....	9
GFC-3: Expenses, Meeting Rooms, etc.....	10
GFC-4: Pulse Flow Reserve.....	11
Program Advisory Committees	
<i>Land Advisory Committee (LAC)</i>	
LAC-1: Expenses, Meeting Rooms, etc.....	12
<i>Water Advisory Committee (WAC)</i>	
WAC-1: Expenses, Meeting Rooms, etc.....	13
<i>Technical Advisory Committee (TAC)</i>	
TAC-1: Expenses, Meeting Rooms, etc.....	14
Land Plan Implementation (LP)	
LP-3: Land Acquisition.....	15
LP-4: Land Management.....	16
LP-5: Cottonwood Ranch Bridge Final Design & Construction.....	18
LP-6: Land Plan Special Advisors.....	19
LP-7: Public Access Management.....	21
Water Plan Implementation (WP)	
WP-1(a): Active Channel Capacity Improvements (N Platte Channel above CNPPID Diversion Dam).....	23
WP-1(b): Active Channel Capacity Improvements (CNPPID Diversion Dam to Grand Island).....	23
WP-4: Water Action Plan.....	25
WP-5: Management Tool.....	27
WP-6: Feasibility Studies.....	28
WP-7: Water Acquisition.....	30
WP-8: Water Plan Special Advisors.....	31
WP-9: Miscellaneous Water Resource Studies.....	32
Adaptive Management Plan (AMP) Implementation	
<i>AMP Experimental Design</i>	
PD-4: AMP Workshops.....	33
PD-12: Model Application.....	34
PD-13: Sediment Augmentation Feasibility Analysis, Design, and Permitting.....	35
PD-19: Flow Consolidation Conceptual Design.....	36



PD-20:	Wet Meadow Restoration on Tract 2009001.....	37
<i>AMP Implementation Activities</i>		
LP-2:	FSM/MCM Actions on Habitat Complexes.....	38
PD-15:	AMP Permits.....	39
PD-18:	AMP-Related Equipment.....	40
WP-10:	Environmental Account SDHF.....	41
<i>Integrated Monitoring & Research Plan Activities</i>		
G-1:	LiDAR Implementation.....	42
G-2:	Aerial Photography.....	43
G-5:	Geomorphology/In-Channel Vegetation Monitoring.....	44
H-2:	Program Water Gages.....	45
IMRP-2:	AMP Directed Research Projects.....	46
IMRP-3:	Adaptive Management Plan Special Advisors.....	47
IMRP-4:	FSM "Proof of Concept" Activities @ Elm Creek Complex.....	49
PD-8:	Database Management System Development & Maintenance.....	50
TP-1:	Tern & Plover Monitoring.....	51
WC-1:	Whooping Crane Monitoring.....	52
WC-3:	Whooping Crane Telemetry Tracking.....	53
WQ-1:	Water Quality Monitoring.....	54
<i>AMP Independent Science Review</i>		
ISAC-1:	ISAC Stipends & Expenses.....	55
PD-3:	AMP & IMRP Peer Review.....	57
PD-11:	AMP Reporting.....	59



PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM FISCAL YEAR 2011 BUDGET AND ANNUAL WORK PLAN

Introduction

The Platte River Recovery Implementation Program (Program) was initiated on January 1, 2007 as a basin-wide effort between the states of Colorado, Wyoming, and Nebraska and the Department of Interior to provide land, water, and scientific monitoring and research to evaluate Program benefits for the target species. The Program is being implemented in an incremental manner, with the First Increment covering the 13-year period from 2007 through 2019. In general, the purpose of the Program is to implement certain aspects of the U.S. Fish and Wildlife Service's (Service) recovery plans for the target species that relate to the Program's identified "associated habitats" in the central Platte River by securing defined benefits for those species and their habitats. The Program will also provide ESA compliance for existing and certain new water-related activities in the Platte basin upstream of the Loup River confluence for potential effects on the target species; help prevent the need to list more Platte River species under the ESA; mitigate the adverse effects of certain new water-related activities through approved depletions plans; and establish and maintain an organizational structure that will ensure appropriate state and federal government and stakeholder involvement in the Program.

The Program is led by a Governance Committee (GC) consisting of representatives of Colorado, Wyoming, Nebraska, the Bureau of Reclamation, the Service, South Platte River water users, North Platte River water users, Nebraska water users, and environmental groups. The Program established key standing Advisory Committees to assist the GC in implementing the Program. Those committees include the Technical Advisory Committee (TAC), the Land Advisory Committee (LAC), the Water Advisory Committee (WAC), the Finance Committee (FC), and the Independent Scientific Advisory Committee (ISAC). In addition, an Adaptive Management Working Group (AMWG) has been formed to inform the GC on implementation of the Program's Adaptive Management Plan (AMP).

Dr. Jerry Kenny serves as Executive Director of the Program. Dr. Kenny and staff in the Executive Director's (ED) Office maintain offices in Nebraska and Colorado. The Executive Director's Office worked closely with the GC, the Advisory Committees, the AMWG, Program cooperators and partners, and others to develop the FY 2011 Program Budget and Work Plan based on guidance from the Final Program Document and Program goals and priorities.

This document presents the final FY 2011 Program Budget and Annual Work Plan, including the budget spreadsheet.

**PROGRAM/TASK/ID: ED 1: Salaries/Travel/Office Expenditures****Program First Increment Timeline**
Annual**FY 2011 Start Date**
January 1, 2011**FY 2011 End Date**
December 31, 2011**Task Completed by**
ED Office (Executive Director, Headwaters Corporation staff)**Task Location**
Kearney, NE; Lincoln, NE; Denver, CO**Task Description**
Salaries, travel, and other direct costs associated with ED and staff in ED Office**Linkage to Priority Hypotheses in AMP**
N/A**Products**
Staff support for all Program activities**Notes on Cost**
Detailed breakdown of budget provided in ED Contract/Office Budget; no anticipated further growth in staff levels.**Budget**

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Salaries/Travel/Office Expenditures	\$361,861	\$1,110,800	\$1,427,759	\$1,599,900	\$1,600,000



PROGRAM/TASK R/D: ED/2: Administrative and Other Support Services

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office

Task Location
ED Office

Task Description
Assistance to ED Office for administrative and other support services such as publishing public notices, surveying, appraisals, Phase 1 Environmental Surveys, attorneys with land or water specialty, etc.

Linkage to Priority Hypotheses in AMP
N/A

Products
Contract services support for Program activities

Notes on Cost
Individual contracts determined by ED according to need, expertise, priority, etc.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Administrative and Other Support Services	\$17,000	\$150,000	\$250,000	\$200,000	\$200,000



PROGRAM/TASK 3 (D) ED-3 Public Outreach

Program First Increment Timeline Annual

FY 2010 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office

Task Location
ED Office (Kearney, NE)

Task Description

\$20,000/year for 3 years (Year 3 of 3) for support of Crane Meadows (Hastings College in lead, NGPC also \$ supporter; funds provide access to different audience, exhibit space, recognition on Interstate signage, access to office space and meeting facilities); \$30,000 for exhibitor fees at Husker Harvest Days, South Platte Forum, Colorado Water Congress, Rivers and Wildlife others of similar nature and support for other opportunistic outreach efforts such as Rowe Sanctuary, Prairie Loft; subsequent years for exhibit fees, publication of materials, support of related outreach efforts.

Linkage to Priority Hypotheses in AMP
N/A

Products
Program visibility and communication with the public

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Public Outreach	\$0	\$0	\$30,000	\$40,000	\$50,000



PROGRAM TASK ID: GFC-1 NCF Fees

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office, Nebraska Community Foundation (NCF)

Task Location
ED Office; NCF (Lincoln, NE)

Task Description
Fees paid to the NCF for administration of the financial aspects of the Program in 2011. Fee paid based on sliding scale percentage of fees handled by NCF.

Linkage to Priority Hypotheses in AMP
N/A

Products
Financial support services for Program

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
NCF Fees	\$75,000	\$100,000	\$255,000	\$260,000	\$300,000



PROGRAM TASK & ID: 606-2: Pulse Flow and Other Insurance

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office, Dunbar-Peterson

Task Location
ED Office; insurance provider office in Omaha, Nebraska

Task Description
Insurance acquired for representatives of the GC and subcommittees (including alternates) and ED Office for certain actions that will be undertaken through Program implementation. Coverage will be for a number of actions that the Program will undertake including short duration high flow releases and because of land and equipment ownership.

Linkage to Priority Hypotheses in AMP
N/A

Products
Program insurance policy

Notes on Cost
Premium and fees negotiated with selected provider.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Pulse Flow and Other Insurance	\$100,000	\$50,000	\$60,000	\$70,000	\$75,000



PROGRAM/TASK 810: (FC & GC Expenses, Meeting Rooms, etc.)

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; GC; FC

Task Location
Meeting locations in NE, WY, and CO

Task Description
Limited budget amount to cover meeting room rentals for GC and FC meetings; other miscellaneous costs for holding meetings (e.g. conference call fees, AV fees)

Linkage to Priority Hypotheses in AMP
N/A

Products
Meeting space and associated needs

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Expenses, Meeting Rooms, etc.	\$5,000	\$5,000	\$5,000	\$5,000	\$1,000



PROGRAM/TASK & ID: 0704: Pulse Flow Reserve

Program First Increment Timeline

One-time payment, funds held in reserve annually through First Increment

FY 2011 Start Date

January 1, 2011

FY 2009 End Date

December 31, 2011

Task Completed by

ED Office; GC; FC

Task Location

ED Office (Kearney, NE) and NCF (Lincoln, NE)

Task Description

Reserve fund for potential Environmental Account (EA) bypass-related costs.

Linkage to Priority Hypotheses in AMP

N/A

Products

Reserve fund

Notes on Cost

One-time cost held in reserve during First Increment, registered as reserved in 2009 and carried forward as Unliquidated Obligation.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Pulse Flow Reserve	\$0	\$0	\$1,000,000	\$0	\$0



PROGRAM FIRST INCREMENT: LAC Meeting Room, etc.

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; LAC

Task Location
All LAC meetings are held in central Nebraska

Task Description
Limited budget amount to cover meeting room rentals for LAC meetings; other miscellaneous costs for holding meetings (e.g. conference call fees, AV fees)

Linkage to Priority Hypotheses in AMP
N/A

Products
Meeting space and associated needs

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Expenses, Meeting Rooms, etc.	\$7,500	\$7,500	\$7,500	\$7,500	\$1,000



PROGRAM TASKS: WAC 1. Expenses, Meeting Rooms, etc.

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; WAC

Task Location
Meeting locations in NE, WY, and CO

Task Description
Limited budget amount to cover meeting room rentals for WAC meetings; other miscellaneous costs for holding meetings (e.g. conference call fees, AV fees)

Linkage to Priority Hypotheses in AMP
N/A

Products
Meeting space and associated needs

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Expenses, Meeting Rooms, etc.	\$5,000	\$5,000	\$5,000	\$5,000	\$1,000



PROGRAM/TASK SUB-TASK: EXPENSES, MEETING ROOMS, ETC.

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; TAC

Task Location
Meeting locations in NE, WY, and CO

Task Description
Limited budget amount to cover meeting room rentals for TAC meetings; other miscellaneous costs for holding meetings (e.g. conference call fees, AV fees)

Linkage to Priority Hypotheses in AMP
N/A

Products
Meeting space and associated needs

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Expenses, Meeting Rooms, etc.	\$5,000	\$5,000	\$5,000	\$5,000	\$1,000



PROGRAM TASK 3: LAND ACQUISITION

Program First Increment Timeline
FY09-FY12

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; LAC; Land Interest Holding Entity (LIHE)

Task Location
Land interest locations TBD

Task Description
Funding for acquisition of interest in land (own, lease, easements, other agreements) according to implementation of the Land Plan and the AMP; fees for Platte River Recovery Implementation Foundation, the LIHE for the Program, as well as property taxes and other annual fees.

Linkage to Priority Hypotheses in AMP
Provision of land interest for implementation of AMP and two management strategies; testing of related priority hypotheses

Products
Program lands

Notes on Cost
Budget estimate assumes availability of priority land interests.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Land Acquisition	\$0	\$6,000,000	\$7,000,000	\$6,000,000	\$5,000,000



PROGRAM FIRST INCREMENT TIMELINE

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; LAC; Land Interest Holding Entity (LIHE)

Task Location
Land interest locations TBD

Task Description

Funding for non-AMP related management activities (fencing, routine agricultural operations, weed management, property maintenance, day-to-day management, non-AMP tree and channel clearing, etc.).
By complex estimates:

1. Cottonwood Ranch Complex	
a. Property Maintenance	\$76,500
b. Agricultural Operations	<u>\$14,500</u>
Total	\$91,000
2. Elm Creek Complex	
a. Property Maintenance	\$14,000
b. Agricultural Operations	<u>\$4,000</u>
Total	\$18,000
3. Ft. Kearny Complex	
a. Property Maintenance	\$69,000
b. Agricultural Operations	<u>\$61,000</u>
Total	\$130,000
4. Plum Creek Complex	
a. Property Maintenance	\$23,500
b. Agricultural Operations	<u>\$23,000</u>
Total	\$46,500
5. Others	
a. Binfield Property	\$40,000
b. Estimate Two Additional	<u>\$40,000</u>
Total	\$80,000

Total \$365,500



Linkage to Priority Hypotheses in AMP

N/A

Products

Program lands managed properly according to Program guidelines and “Good Neighbor” policy.

Notes on Cost

Based on estimates for work on four Program complexes, new Binfield property, and an estimated two additional acquisitions.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Land Management	\$0	\$0	\$500,000	\$588,800	\$365,500



PROGRAM TASK ID: P-3 Cottonwood Ranch Bridge Final Design & Construction

**Program First Increment Timeline
FY09-FY11**

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; NPPD; Contractors (Schemmer Associates and construction contractor)

Task Location
Cottonwood Ranch

Task Description
Once Corps of Engineers permit acquired, construction work to be completed under bid package now developed and Schemmer will perform construction administration.

Linkage to Priority Hypotheses in AMP
N/A

Products
Bridge over Spring Creek

Notes on Cost
Present permitting in 2010 has not been approved thus this project must be re-budgeted for 2011.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Cottonwood Ranch Bridge Final Design & Construction	\$0	\$0	\$23,000	\$250,000	\$250,000



PROGRAM TASK 3 ID: 326 Land Plan Special Advisor

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor

Task Location
ED Offices; Contractor Offices

Task Description

The ED Office must rely on special advisors to assist in Land Plan-related issues beyond staff expertise or to assist with short-term schedule challenges. These areas include:

- **Farm Management / Crop Consulting** – The Program requires expertise in development and oversight of crop and grazing leases / agreements and coordination of sharecropping arrangements. This includes handling of FSA requirements, crop planning, securing seed and other inputs, and commodity marketing.
- **Land Plan Implementation Support** – The Program has acquired a significant portion of the First Increment 10,000 acre acquisition target. The EDO's land manager will require planning and implementation support in order to coordinate operations, maintenance, and species habitat activities across the associated habitat reach.

Area of Expertise	Name	Estimated Range of Expenditures
Agricultural Operation	American Realtor	\$60,000 to 90,000
Range Management	TBD	\$20,000 to 30,000
Other	TBD	\$20,000 to 30,000
TOTAL		Not to Exceed \$150,000

Products

- Meeting participation
- Memoranda and reports

Notes on Cost

- The 2011 budget estimate for farm management is \$90,000.
- The 2011 budget estimate for Land Plan implementation support (person/organization with land management expertise) is \$60,000. This would accommodate 1,000 hours of support at a billing rate of \$60/hour or approximately 20 hours of support per week.



Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Land Plan Special Advisors	\$0	\$0	\$0	\$50,000	\$150,000



PROGRAM TASK 8: IMPROVE PUBLIC ACCESS MANAGEMENT

**Program First Increment Timeline
FY10-FY11**

FY 2011 Start Date
January 1, 2011

FY 2010 End Date
December 31, 2011

Task Completed by
ED Office; Contractors (TBD)

Task Location
All Available PRRIF properties

Task Description

The LAC is nearing completion of recommended methods to provide public access opportunities on Program land; final outline will need to be approved by the GC in 2011. In order to perform the necessary administration and to provide appropriate oversight final guidelines will be in place by midyear 2011. An organization or acceptable company will be hired to implement the public opportunity program. This budget item will provide funds to pay for administrative work and oversight to answer calls, collect names, provide fair reasonable public access opportunities and maintain contact with neighbors to answer questions and address issues raised by public access. Individuals using program land for outdoor recreation such as hunting, fishing, bird watching, photography, mushroom hunting or similar opportunities will not be charged any fee to allow PRRIF to remain protected under the Nebraska Recreation Liability Act.

Linkage to Priority Hypotheses in AMP
N/A

Products

Opportunities for the general public to use Program lands for outdoor recreation and access under acceptable guidelines without interfering with Program Goals and primary species needs.

Notes on Cost

Final details of administrator or contractor qualifications and needed guidelines to satisfy Program goals will be developed by the LAC and approved by the GC before opportunities to use Program lands are approved and any administrator is hired. This amount of money is an estimate and will not be exceeded in 2011. Opportunities will be limited to the dollars available.



Budget

	2007 Approved	2010 Approved	2009 Approved	2010 Approved	2011 Estimate
Public Access Management	\$0	\$0	\$0	\$0	\$50,000



PROGRAM TASK 3: PLATTE RIVER Active Channel Capacity Improvements

Program First Increment Timeline

Annual

FY 2011 Start Date

January 1, 2011

FY 2011 End Date

December 31, 2011

Task Completed by

ED Office; Contractor

Task Location

North Platte River and Platte River between North Platte and Grand Island

Task Description

The objective of the Active Channel Capacity Improvements task is to increase and maintain the active river channel capacity. Channel capacity improvements will assist the Program in managing water for the Short Duration High Flow tests made under the Adaptive Management Plan and in delivery of Program water to meet shortage reduction to target flow goals under the Water Plan. There are two sub-tasks:

- WP-1(a) continues efforts toward increasing channel capacity upstream of the Central Nebraska Public Power and Irrigation District (CNPPID) diversion dam to at least 3,000 cfs. Additional technical and/or contracting services will be engaged to update the assessment of ongoing channel issues, recommendations for further efforts, and implementing recommendations.
- WP-1(b) is a cost share with Platte Valley and West Central Weed Management Areas to clear biomass from the river channel between Kingsley Dam and the CNPPID diversion dam and between Elm Creek and Chapman.

Products

- Cleared channel.
- Model analyses performed by the consultant for PRRIP purposes and summary report.
- Cost estimates for 2011 and 2012 maintenance and additional clearing efforts to complete all channel sections between Kingsley Dam and Chapman.

Notes on Cost

Costs for WP-1(b), Active Channel Capacity Maintenance Platte River for the Platte River between the CNPPID Diversion Dam and Chapman are based on a cost-share program with the Platte Valley and West Central Weed Management Areas. The Program funds will provide matching funds for this effort on a one-for-one match basis.



Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimate
WP-1(a): N Platte Channel Above CNPPID Diversion Dam	\$241,000	\$40,000	\$80,000	\$50,000	\$250,000
WP-1(b): North Platte and Platte River Biomass Clearing^a	\$0	\$0	\$0	\$400,000	\$200,000

^aMatching funds in a cost-share program with Platte Valley and West Central Weed Management Areas



PROGRAM TASK 4: WP-4: Water Action Plan

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor

Task Location
ED Offices; Contractor Offices; Platte River Mainstem

Task Description
Advancing previous priority projects from the 2009 Water Action Plan Update from feasibility into full design, leading to construction. Following is a brief description of the anticipated design and construction sub-tasks:

- WP-4(a) CNPPID Reregulating Reservoirs – assuming land acquisition, geotechnical work, and environmental permitting for one reregulation reservoir (currently investigating J-2 Return/Elwood and Elm Creek) will advance from current feasibility efforts. Water supply permitting would also be initiated in 2011; final reservoir design, preparation of construction documents, and construction permitting would occur in 2012.
- WP-4(b) Nebraska Ground Water Recharge – assuming land acquisition for one of the recharge projects will advance from current feasibility efforts. Water supply permitting would also be initiated in 2011; final design would occur in 2012.

Products

- Landowner contracts.
- Geotechnical reports.
- Cost estimates for 2012 design and construction.

Notes on Cost

Specific expenditures will require authorization of Finance Committee. Cost estimates are based on pre-feasibility study information, and will be updated based on feasibility studies being completed in 2010 and early 2011. Estimates do not account for any project sponsor contributions.



Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimate
WP-4(a): Reregulating Reservoir	\$0	\$0	\$0	\$0	\$4,500,000
WP-4(b): Nebraska Ground Water Recharge	\$0	\$0	\$0	\$0	\$600,000
WP-4 Total	\$0	\$0	\$0	\$0	\$5,100,000



PROJECT/TASKS FOR PRRIP – Planning and Management Tool

Program First Increment Timeline Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor

Task Location
ED Offices; HDR Offices

Task Description

The COHYST Tool as it is being developed will provide an integrated surface water, ground water, and watershed model for the Platte River between Lake McConaughy and Duncan, Nebraska. It is anticipated to be a valuable tool for planning efforts under the PRRIP Water Plan. The COHYST Tool is being funded by several PRRIP participants, and in 2009 the PRRIP received authorization from these participants to use the tool for PRRIP purposes. Under this agreement, model enhancements or analyses specifically for PRRIP purposes, as well as any ED Office staff training or software needed, must be provided directly by PRRIP funds.

Further, the question of a need for comprehensive operational tool for evaluation of the integrated effects of multiple Water Action Plan projects remains unresolved. The OPSTUDY model was used for the EIS, but may not be a viable tool for use now. Assessing the viability of OPSTUDY and other models such as STELLA, RiverWare, and others may require the assistance of a contractor skilled in water resource systems operations and the standardized modeling tools available.

Products

- ED Office training and software needed to run the model
- Model analyses performed by the consultant for PRRIP purposes.

Notes on Cost

Specific expenditures of budget will be subject to Finance Committee approval

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Management Tool	\$0	\$0	\$0	\$100,000	\$200,000



PROGRAM TASKS: ED WP-6: Feasibility Studies

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor

Task Location
ED Offices; Contractor Offices; South Platte, North Platte, and Platte River Main stem

Task Description
Feasibility studies in 2011 will be focused on the current priority projects identified in the 2009 Water Action Plan (WAP) Update. Following is a brief description of the anticipated feasibility study sub-tasks:

- WP-6(b) WAP Project No. 2, Water Leasing – the ED Office will continue working with economists from private practice, University of Nebraska at Lincoln, Colorado State University, and potentially University of Wyoming to identify ways to value water and establish a water leasing market. Efforts will be coordinated with similar efforts underway by Nebraska Department of Natural Resources.
- WP-6(c) WAP Project No. 3, Water Management Incentives – the ED will continue working with biosystems engineers from the University of Nebraska at Lincoln and Nebraska Department of Natural Resources to better define water management incentive concepts.
- WP-6(d) WAP Project No. 4, Groundwater Management – feasibility studies investigating opportunities for supply development through groundwater management actions including conjunctive use of surface and ground water resources focused primarily downstream of Lake McConaughy.
- WP-6(f) Miscellaneous WAP Investigations – studies in support of WAP project goals.

Products

- Feasibility study results.
- Cost estimates for 2012 projects, operations, and maintenance.

Notes on Cost

Specific expenditures will require authorization of Finance Committee.



Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimate
WP-6(a): CNPPID Reregulating Reservoirs	\$0	\$0,	\$0	\$750,000	N/A
WP-6(b): Water Leasing	\$0	\$0	\$0	\$250,000	\$50,000
WP-6(c): Water Management Incentives	\$0	\$0	\$0	\$250,000	\$250,000
WP-6(d): Groundwater Management	\$0	\$0	\$0	\$150,000	\$150,000
WP-6(e): NE Groundwater Recharge	\$0	\$0	\$0	\$400,000	N/A
WP-6(f): Miscellaneous WAP Investigations	\$0	\$0	\$0	\$150,000	\$150,000
WP-6 Total	\$0	\$0	\$0	\$1,950,000	\$600,000



PROGRAM FIRST INCREMENT: FY 2011 Water Acquisition

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor assistance

Task Location
Nebraska, Colorado, Wyoming

Task Description
The purpose of this task is to establish reserved but readily accessible funds for water rights evaluations and water acquisition, if opportunities should arise.

- Products**
- Water rights evaluations
 - Water rights permits/proof of ownership

Notes on Cost
None of the 2009 budget was used or obligated, and to date none of the 2010 budget has been used or obligated. This cost represents potential acquisition of 250 to 300 acre-feet of water.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Water Acquisition	\$0	\$0	\$500,000	\$500,000	\$300,000



PROGRAM TASK 8: ED WP 8: Water Plan Special Advisors

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor

Task Location
ED Offices; Contractor Offices

Task Description
The ED Office may rely on special advisors to assist in Water Plan-related issues beyond staff expertise or to assist with short-term schedule challenges. These areas may include, but not be limited to: water law, water rights, economics, and hydro-geology.

Area of Expertise	Name	Estimated Range of Expenditures
Nebraska Water Rights and Regulatory Process	Ann Bleed	\$5,000-\$15,000
Platte Valley Supply Systems	Frank Kwapnioski	\$5,000-\$15,000
Economics and Water Markets	George Oamek	\$25,000-\$50,000
Geohydrology and GW Recharge	Bill Hahn	\$45,000-\$60,000
Civil Infrastructure	Tara Schutter	\$20,000-\$30,000
Systems Operations and Modeling	TBD	\$30,000-\$50,000
Other	TBD	\$0-\$30,000
TOTAL		Not to Exceed \$200,000

Products

- Meeting participation
- Memorandums and reports

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Water Plan Special Advisors	\$0	\$0	\$0	\$150,000	\$200,000



PROGRAM/TASK SUB WP-9 Miscellaneous Water Technical Studies

Program First Increment Timeline Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Contractor

Task Location
ED Offices; Contractor Offices

Task Description
The purpose of this task is to establish reserved but readily accessible funds for water resources studies and investigations, if necessary, to meet the Water Plan objectives. These investigations would be related to but not necessarily limited to specific Water Action Plan alternatives.

Products
Reports and study results

Notes on Cost
Specific expenditures would require approval from the Finance Committee.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Misc. Water Studies	\$0	\$0	\$0	\$200,000	\$100,000



PROGRAM/TASK C ID: ED-3 AMP Workshops

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; AMWG; ED Office special advisors

Task Location
ED Office (Kearney, NE and Lincoln, NE); various meeting locations

Task Description
Expenses for at least three workshops on AMP implementation; meeting room rentals, document preparation, workshop supplies, associated expenses.

Linkage to Priority Hypotheses in AMP
Fundamental to all priority hypotheses; priority action for future implementation of AMP and monitoring/research related to FSM/MCM and implementation of the Water Plan and Land Plan

Products
Workshop reports

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
AMP Workshops	\$50,000	\$75,000	\$10,000	\$10,000	\$10,000



PROGRAM/TASKS: 1D-1D-12 Model Application

Program First Increment Timeline
FY2009-FY2012

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; AMWG; TAC; contractor

Task Location
ED Office (Kearney, NE; Lincoln, NE; Denver, CO); various meeting locations

Task Description
New money for extending 1-D model from North Platte choke point to Lake McConaughy, including steady and unsteady hydraulics.

Linkage to Priority Hypotheses in AMP
Fundamental to generating information related to all priority hypotheses.

Products
HEC-RAS 1-D model for river stretch from Lake McConaughy to Chapman, NE

Notes on Cost
Extension of existing contract with HDR/Tetra Tech

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Model Application	\$0	\$0	\$360,000	\$400,000	\$150,000



PROGRAM TASK 3: DUE DILIGENCE Sediment Augmentation Feasibility Analysis, Design, and Permitting

Program First Increment Timeline FY2009-FY2012

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; AMWG; TAC; contractor (The Flatwater Group)

Task Location
ED Office (Kearney, NE and Lincoln, NE); various meeting locations

Task Description
Phase II (final design and securing appropriate permits) completed in FY 2011 with FY 2010 funds; Phase III (sediment augmentation implementation) funded with new money in FY 2011; includes \$100,000 for project-specific monitoring beginning in FY 2011.

Linkage to Priority Hypotheses in AMP
Fundamental to priority hypotheses related to sediment deficit and implementation of Flow-Sediment-Mechanical management strategy identified in AMP.

Products
Final construction design, appropriate permits, bid package, construction.

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Sediment Augmentation Feasibility Analysis, Design, & Permitting	\$0	\$0	\$400,000	\$200,000	\$350,000



**PROGRAM TASK 2 (ID: 2009001) WET MEADOW RESTORATION OF TRACT 2009001****Program First Increment Timeline**
FY2011 – FY2011**FY 2011 Start Date**
February 1, 2011**FY 2011 End Date**
December 1, 2011**Task Completed by**
ED Office, Contractor**Task Location**
Program Tract 2009001 located in the Kearney – Minden bridge segment.**Task Description**
Engineering design and budget development for conversion of Tract 2009001 to a wet meadow / grassland complex for whooping cranes and other species of concern.**Linkage to Priority Hypotheses in AMP**
Testing of priority hypotheses related to wet meadows.**Products**
Construction drawings and specifications**Notes on Cost**
This action will be preceded by updating of wet meadows conceptual model, sequencing of wet meadows hypotheses, development of candidate performance measures and decision criteria, and a clear statement of questions to be answered and project objectives in conjunction with Program and AMP goals and objectives.**Budget**

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Wet Meadow Restoration	\$0	\$0	\$0	\$0	\$50,000



PROGRAM TASKS OF 1922 FSM/MCM Actions at Habitat Complexes

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; contractors

Task Location
Plum Creek Complex, Cottonwood Ranch Complex; Elm Creek Complex; Fort Kearny Complex; other possible implementation sites including Dippel habitat site; Mormon Island habitat site

Task Description
Plum Creek = \$18K, CWR = \$149,000, Elm Creek = \$60K, Ft. Kearny=\$156K, \$100,000 unspecified location(s); channel widening, island building/shaping, vegetation management, other AMP activities.

Linkage to Priority Hypotheses in AMP
Habitat complexes for implementation of AMP actions and testing of priority hypotheses

Products
Tern/plover nesting islands, minimum channel widths, and minimum unobstructed widths at habitat complexes for evaluation of target species use

Notes on Cost
Bid packages will be developed for FC approval once permits process is underway or completed; work will be completed in late summer/fall/winter 2011; work at Mormon Island sites dependent on GC approval of spending Program dollars on non-Program properties to further science learning important for assessing Program management objectives and priority hypotheses

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
FSM/MCM Actions at Habitat Complexes	\$0	\$1,400,000	\$200,000	\$1,270,000	\$483,000



PROGRAM BUDGET FOR 2011: AMP PERMITS

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; contractor (HDR)

Task Location
ED Office (Kearney, NE and Lincoln, NE)

Task Description
Contract services from HDR (extension of existing permit work under Sediment Augmentation contract) to secure site-specific Individual Permits or Regional General Permit for AMP management actions (island building, vegetation clearing, channel widening).

Linkage to Priority Hypotheses in AMP
Necessary to ensure implementation AMP management actions

Products
Permit(s)

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
AMP Permits	\$0	\$0	\$10,000	\$50,000	\$200,000



PROGRAM TASKS IDENTIFIED FOR AMP-Related Equipment

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office

Task Location
Central Platte River

Task Description
Maintenance of airboat and other equipment utilized for AMP activities; acquisition of small equipment like mowers, trailers, and a small-grade commercial chipper

Linkage to Priority Hypotheses in AMP
Specific equipment important as management and monitoring tools related to AMP implementation

Products
Airboat and Argo maintenance; new Program work pick-up

Notes on Cost
All equipment will be acquired as per the Program Procurement Policy

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
AMP-Related Equipment	\$0	\$0	\$140,000	\$50,000	\$55,000



Program First Increment Timeline
Periodic according to SDHF schedule

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
June 30, 2011

Task Completed by
ED Office; U.S. Fish and Wildlife Service Environmental Account Manager

Task Location
Kearney, NE; Grand Island, NE

Task Description
Costs paid to Districts for flow bypass associated with SDHF implementation

Linkage to Priority Hypotheses in AMP
Integral to successful implementation of SDHF, key component of FSM

Products
Bypass payments to Districts

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Environmental Account SDHF	\$0	\$250,000	\$350,000	\$0	\$150,000



PROGRAM TASKS - (P-1) - (LiDAR Implementation)

Program First Increment Timeline Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
Contractor

Task Location
Central Platte River, NE (Program associated habitats in central Platte)

Task Description
Acquire annual LiDAR data

Linkage to Priority Hypotheses in AMP
Critical topographical data for analysis of river response to Program actions

Products
Processed LiDAR data

Notes on Cost
Basic protocol for data acquisition in development in late 2010; data acquisition costs have dropped dramatically and the significance of the data elevates this task to an annual action.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
LiDAR Implementation	\$0	\$260,000	\$0	\$0	\$75,000



PROGRAM TASK: SUPPLY OF AERIAL PHOTOGRAPHY

Program First Increment Timeline
Annual

FY 2011 Start Date
May 1, 2011

FY 2011 End Date
June 30, 2011

Task Completed by
Contractor (Cornerstone Mapping)

Task Location
Central Platte River, NE

Task Description
Acquire annual aerial photography as per protocol

Linkage to Priority Hypotheses in AMP
Year 3 of a three-year contract (Cornerstone Mapping, Inc.) to acquire annual aerial photography as per protocol

Products
CIR digital aerial photographs

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Aerial Photography	\$10,000	\$10,000	\$40,000	\$21,000	\$25,000



PROGRAM/MP/STP/DP/CRP/Geomorphology/In-Channel Vegetation Monitoring

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
Contractor (Ayres/Olsson)

Task Location
Central Platte River

Task Description
Year 3 of three-year contract (Ayres Associates) to implement monitoring protocol; \$75,000 for data analysis and reporting (including participation in AMP reporting session); \$25,000 for map/atlas-related tasks (plan and profile maps, anchor point maps, transects and vegetation, draft and final map set deliverables).

Linkage to Priority Hypotheses in AMP
Collected data critical to evaluating numerous AMP priority hypotheses related to river process and habitat creation/maintenance

Products
Protocol data – transect surveys, longitudinal profile, vegetation surveys, etc.; data analysis and reporting; atlas and maps

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Geomorphology/In-Channel Vegetation Monitoring	\$0	\$95,000	\$395,000	\$300,000	\$447,500



PROGRAM/TASK SIDE: RPA Program Water Gages

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; contractor

Task Location
Central Platte River

Task Description
Gage maintenance and research gages; over time PRRIP will upgrade DNR gages.

Linkage to Priority Hypotheses in AMP
Stream gages provide data to test priority hypotheses, including all key Tern/Plover, Whooping Crane, Flow, Sediment, and Mechanical hypotheses.

Products
Gage maintenance and new gages

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Program Stream Gages	\$0	\$29,500	\$30,000	\$50,000	\$50,000



Program Task ID: IMP22 Adaptive Management Plan Directed Research Projects

Program First Increment Timeline

Annual

FY 2011 Start Date

January 1, 2011

FY 2011 End Date

December 31, 2011

Task Completed by

ED Office; contractors

Task Location

Central Platte River

Task Description

\$250,000 for investigation focusing on the relationship between stream power and channel morphology in the associated habitat reach; \$200,000 to begin potential unspecified AMP research project(s) in 2011.

Linkage to Priority Hypotheses in AMP

Investigation necessary to inform flow consolidation experimental design and address broad-scale mechanical hypotheses. Results will enable Program to target consolidated channel widths that could be maintained in braided morphology under SDHF-enhanced hydrologic regime.

Products

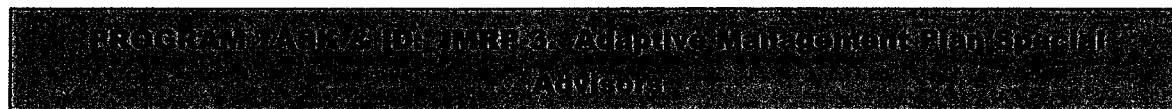
Research results

Notes on Cost

Investigation scope will be established in early 2011 and will be based on preliminary monitoring data analysis being conducted by Program special advisors. That analysis work will identify knowledge gaps that would be addressed by this project.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Adaptive Management Plan Directed Research Projects	\$0	\$0	\$700,000	\$325,000	\$450,000

**Program First Increment Timeline**

Annual

FY 2011 Start Date

January 1, 2011

FY 2011 End Date

December 31, 2011

Task Completed by

ED Office; special advisors

Task Location

ED Office (Kearney, NE and Lincoln, NE); various locations of advisors

Task Description

Advisors on AMP-related specialty topics such as ecological statistics, geomorphology, and decision analysis; review Program documents, attend workshops and meetings, assist with development of experimental design, research/monitoring goals and objectives, and data analysis

Area of Expertise	Name	Estimated Range of Expenditures
Geomorphology & Sediment Transport	Brad Anderson & Chester Watson	\$70,000-\$80,000
Experimental Design & Expert Review	Carl Schwarz	\$20,000-30,000
Ecological Statistics & Expert Review	Darcy Pickard	\$20,000-30,000
Other	TBD	\$10,000-\$20,000
TOTAL		Not to Exceed \$150,000

Linkage to Priority Hypotheses in AMP

Special advisors fill important areas of expertise necessary to evaluate effects of Program management actions and progress toward AMP management objectives

Products

Review of Program documents and advice on specific actions related to AMP implementation

Notes on Cost

1) Geomorphology and sediment transport:

- Brad Anderson and Chester Watson – 400-500 hours for technical review and report on Platte River streampower/morphology relationship. Review includes literature review, analysis of Program monitoring data, hydraulic model application, and development of recommendations for management experiment implementation designs. The remaining 100 – 150 hours for review



advice on geomorphology and sediment transport problems and work products, and participation in Program meetings and AMP reporting session (as needed).

- 2) Expert review of AMP Data Analysis Plan and experimental design:
 - Carl Schwarz, Simon Fraser University (British Columbia)
- 3) Expert review of AMP Mock Synthesis Report and ecological statistics:
 - Darcy Pickard, ESSA Technologies (British Columbia)
 - Other expert to be identified – possibly Drew Tyre from UNL

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Adaptive Management Plan Special Advisors	\$0	\$0	\$0	\$150,000	\$150,000



Program First Increment Timeline
FY2011-FY2016

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; contractors

Task Location
Elm Creek Complex

Task Description
\$100,000 for implementation of monitoring protocol at Elm Creek Complex; \$150,000 for application of 2-D model at Elm Creek Complex (as per monitoring protocol).

Linkage to Priority Hypotheses in AMP
Integral to learning about flow-vegetation-sediment relationships and what FSM management strategy will do on the central Platte River.

Products
Monitoring and modeling results.

Notes on Cost
RFP for monitoring to be prepared, approved, and opened in December 2010; separate RFP for 2-D model in 2011.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
FSM "Proof of Concept" Activities @ Elm Creek Complex	\$0	\$0	\$0	\$0	\$250,000



PROGRAM DESCRIPTION OF THE PRRIP ED OFFICE SYSTEM DEVELOPMENT & MAINTENANCE

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Riverside Technology, Inc. (RTi)

Task Location
ED Office (Kearney, NE); contractor (RTi) in Ft. Collins, CO

Task Description
Ongoing database updating and management by RTi.

Linkage to Priority Hypotheses in AMP
System will house and manage all Program administrative and technical data.

Products
Database maintenance

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Database Management System Development & Maintenance	\$150,000	\$159,000	\$200,000	\$370,000	\$140,000



Program Task Title: TP-1. Tern & Plover Monitoring and Research

Program First Increment Timeline
Annual

FY 2011 Start Date
April 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Program partners; USGS

Task Location
Central Platte River, NE

Task Description

Implement monitoring protocol during nesting season; develop contract mechanism to ensure protocol is fully implemented and managed in the field; Program staff will coordinate and lead field work, but seasonal technicians or contracted personnel will be necessary to work with Program staff and partners to properly collect all data. Monitoring effort will remain elevated in FY2011 to: ensure proper data collection at nest sites (elevation, vegetation, etc.); conduct independent observer counts on Program Associated Habitats to evaluate techniques used to monitor tern and plover adults, nests, chicks, and fledglings (inside versus outside counts); band least tern and piping plover chicks; and to document habitat conditions (availability and elevation of nesting habitat, vegetation establishment on islands, etc.) on the central Platte River.

Linkage to Priority Hypotheses in AMP

Links to all priority tern and plover hypotheses

Products

Annual report detailing nest activity, bird activity, and habitat conditions; data for longer-term analysis of effects of Program actions

Notes on Cost

Additional funding in 2011 will cover costs associated with hiring a USGS crew to assist with collecting data and banding chicks and to conduct an annual habitat availability analysis (\$160,000); \$40,000 for Program costs associated with airboat fuel and other implementation-related activities; \$100,000 for USGS to conduct tern and plover habitat analysis (availability, classification, and Geodatabase).

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Proposed
TP Monitoring & Research	\$14,000	\$20,000	\$100,000	\$150,000	\$300,000



PROGRAM/TASK # (ID, WCS#), Whooping Crane Monitoring

Program First Increment Timeline
Annual

FY 2011 Start Date
March 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
Contractor (AIM Consultants)

Task Location
Central Platte River, NE

Task Description
Extension year of a three-year contract (AIM Consultants) to implement monitoring protocol.

Linkage to Priority Hypotheses in AMP
Provides whooping crane use and occurrence data linked to all whooping crane hypotheses.

Products
Spring and fall report; data analysis

Notes on Cost
The Program extended AIM's 3-year contract for 2 migration seasons (spring and fall, 2011); ED Office will analyze past data, revise the Monitoring Protocol, and a 3-year contract (beginning spring 2012) will go out for bid summer/fall 2011.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Whooping Crane Monitoring	\$130,000	\$130,000	\$150,000	\$150,000	\$170,000

**PROGRAM/TASKING ID: WG-4: Whooping Crane Telemetry Tracking****Program First Increment Timeline**
FY2011-FY2014**FY 2011 Start Date**
January 1, 2011**FY 2011 End Date**
December 31, 2011**Task Completed by**
Whooping Crane Recovery Team (includes FWS and Trust)**Task Location**
Whooping crane migration route; central Platte River, NE**Task Description**
Additional funding to complete final data analysis and reporting related to telemetry data.**Linkage to Priority Hypotheses in AMP**
Links to all priority whooping crane hypotheses**Products**
Final report**Notes on Cost**
N/A**Budget**

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Whooping Crane Telemetry Tracking	\$0	\$125,000	\$125,000	\$125,000	\$125,000



PROGRAM TASKS AND WORK: Water Quality Monitoring

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
Contractor (EA)

Task Location
Central and lower Platte River, NE; specific monitoring on Program lands in central Platte River

Task Description
Year 3 of three-year contract with EA for systematic water quality monitoring at \$184,000; also includes \$78,000 for EA to conduct Kearney Canal monitoring as per agreement with NPPD related to AMP implementation activities at Elm Creek Complex; \$15,000 for EA to complete data analysis; \$3,000 for participation in 2011 AMP Reporting Session.

Linkage to Priority Hypotheses in AMP
Data for evaluation of several pallid sturgeon priority hypotheses (PS-1, PS-5, PS-9) for the lower Platte River and target species priority hypotheses in the central Platte River (T2, T2a, P2, WC1).

Products
Annual report and data analysis; annual budget estimates

Notes on Cost
N/A

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
Water Quality Monitoring	\$0	\$40,000	\$184,000	\$180,000	\$280,000



PROGRAM TASK 3: DE-ISAAC 1: ISAC Support & Expansion

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; Independent Scientific Advisory Committee (ISAC)

Task Location
Basin meeting locations TBD

Task Description

- Six ISAC members x 3 meetings x 3-day meetings x \$1,300 per ISAC member per day = \$70,200

EDO proposed three, 3-day meetings (two meeting days, one travel day per meeting) as follows:

- 1) **AMP Reporting Session in Denver, CO (February-April)** – ISAC interaction with EDO staff, Program participants, and contractors; review and discussion of “State of the Platte” Report; review and discussion of latest drafts of AMP documents (Mock Report, Implementation Plan, Data Analysis Plan)
 - 2) **Summer meeting in Kearney, NE (June-July)** – field visits to implementation sites; post-June GC meeting discussion of AMP documents
 - 3) **Fall meeting in Denver, CO (October-December)** – discussion of early data analysis and synthesis; report on summer field season and plans for 2012; opportunity for ISAC to meet together to build 2011 ISAC Report to GC
- Additional stipend for ISAC chair to complete FY2011 report = \$10,000
 - Ten days of additional document review x six ISAC members x \$1,300 per day = \$78,000
 - Total travel expenses for ISAC members and associated meeting expenses = \$25,000

Linkage to Priority Hypotheses in AMP

Key element of independent scientific review of AMP, IMRP, management strategies, and associated priority hypotheses

Products

ISAC review of Adaptive Management Plan (AMP) implementation, experimental design, and other Program products and activities; work will culminate in annual report by the end of 2011

Notes on Cost
N/A



Budget

Budget for ISAC					
	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
ISAC Stipends & Expenses	\$75,000	\$115,000	\$70,000	\$150,000	\$185,000



PROGRAM TASK 3 ID# DD-9 AMP/IMRP/PEER REVIEW

Program First Increment Timeline Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
Peer Review Panelists

Task Location
Various locations of Peer Reviewers

Task Description
Peer review of five (5) Program documents as defined below:

Lower Platte River Stage Change Study	5	\$5,000	\$25,000	\$5,000	\$30,000
FSM Proof of Concept Monitoring Protocol	3	\$5,000	\$15,000	\$5,000	\$20,000
Sediment Augmentation Feasibility Analysis Report	3	\$5,000	\$15,000	\$5,000	\$20,000
AMP Implementation Plan	3	\$5,000	\$15,000	\$5,000	\$20,000
Potential additional document review	3	\$5,000	\$15,000	\$5,000	\$20,000
Potential assistance with replacing ISAC members	1-3 new members	\$0	\$0	\$5,000	\$5,000
					\$115,000

PBS&J would be contracted to provide on-demand, as-needed science review services for Program peer review panels. Services would include:

- Recommend candidates for each panel according to appropriate areas of expertise
- Provide background information for all potential candidates
- Recommend panelists and provide conflict of interest statements for all panelists
- Communicate with panelists (Program provides scope of work and handles contracting for payment)
- Summarize comments from each panel
- Deliver final report to EDO for each panel



Linkage to Priority Hypotheses in AMP

Independent peer review of key documents ensures projects like the Sediment Augmentation Feasibility Analysis are consistent with Program goals and objectives

Products

Peer review reports for each reviewed document

Notes on Cost

Sole-source justification for PBS&J to assist with assembling and managing peer review panels will be presented to the TAC, FC, and GC in November and December 2010; cost estimate includes \$5,000 for potential PBS&J assistance with replacing 103 ISAC members for 2012 (ISAC member 3-year terms end in 2011; some members may rotate off the ISAC)

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
AMP & IMRP Peer Review	\$50,000	\$105,000	\$50,000	\$50,000	\$115,000



PROGRAM TASK 2 (ED) PR-III AMP Reporting

Program First Increment Timeline
Annual

FY 2011 Start Date
January 1, 2011

FY 2011 End Date
December 31, 2011

Task Completed by
ED Office; AMWG

Task Location
ED Office (Kearney, NE and Lincoln, NE); Denver, CO

Task Description
AMP Reporting Session in Denver, CO

Linkage to Priority Hypotheses in AMP
Evaluation of AMP experimental design, planned data analysis, decision trees, and discussion of likely outcomes of management actions will help to keep monitoring, research, and data analysis on target for evaluation of priority hypotheses and AMP management activities.

Products
AMP Reporting Session in Denver, CO

Notes on Cost
AMP-related contractors will be required to attend the AMP Reporting Session (March 2-3, 2011 in Denver) so travel and associated meeting expenses will be covered if not already covered under existing contracts/agreements.

Budget

	2007 Approved	2008 Approved	2009 Approved	2010 Approved	2011 Estimated
AMP Reporting	\$0	\$10,000	\$10,000	\$70,000	\$25,000

Attachment II

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM

ATTACHMENT 1

**FINANCE DOCUMENT
CREDITING AND EXIT PRINCIPLES
AND
PROGRAM BUDGET**

PLATTE RIVER RECOVERY IMPLEMENTATION PROGRAM
Attachment 1

Finance Document
Crediting and Exit Principles
And
Program Budget

December 7, 2005

Table of Contents

I. INTRODUCTION	1
A. Purposes	1
B. Definitions of Terms	1
II. CREDITING UNDER THE PROGRAM.....	2
III. DISTRIBUTION OF PROGRAM ASSETS AND ESA CREDITS FOLLOWING PROGRAM TERMINATION OR SIGNATORY WITHDRAWAL	3
A. Principles Governing Dissolution of the Program	3
B. ESA Credits	4
IV. PROGRAM BUDGET AND CASH FLOW REQUIREMENTS	5

I. INTRODUCTION

A. Purposes

The purposes of this document are (1) to establish credits for certain cash, cash equivalent, water, and land contributions made by or on behalf of the parties to the Platte River Recovery Implementation Program Cooperative Agreement (the Program); (2) to provide guidance for use in determining other credits earned by or on behalf of the parties during the First Increment of the Program; (3) to establish principles for disposition, should the Program terminate, of assets acquired or contributed to accomplish the objectives of the Program; (4) to provide guidance on the ESA credits that might be available for use in consultation with the Fish and Wildlife Service should the Program terminate; and (5) detail the Program budget and the cash flow requirements for the First Increment of the Program.

B. Definitions of Terms

1. Cash Contributions - The respective amount of money that each signatory will contribute to the Program Budget during the First Increment. The records of the Financial Management Entity (FME) will be used to determine the amount and date of each signatory's actual cash contributions.
2. In-kind Contributions - During the First Increment of the Program, signatories may elect to be "Water Project Sponsors" or "Sponsors of Program Lands," as defined in Sections VIII.C and VIII.D of Attachment 6, respectively, in lieu of making their required Cash Contributions. In addition, a signatory may propose and the Governance Committee may approve agreements whereby signatories elect to provide technical or other services as in-kind contributions in lieu of making its Cash Contribution. The agreements between the signatory and the Governance Committee documenting these transactions will include the credit the signatory will receive toward its respective Cash Contribution. In addition, the agreements will address the disposition of the Program Assets provided by the in-kind contribution in the event of Program dissolution. (In-kind contributions do not include the costs associated with providing representatives on the Governance Committee, Oversight Committee or other committees established by the Governance Committee.)
3. Cash Equivalents - The states of Colorado, Nebraska, and Wyoming (the states) will be contributing water from the three initial Program water projects and the use of lands for Program purposes, herein defined as Cash Equivalents, in order to match, in part, the Cash Contributions of the Department of the Interior (DOI). During the Program, additional Cash Equivalent Contributions to the Program may be proposed. Such contributions will need to be approved by the Governance Committee before any crediting is authorized. The review and ultimate approval will have two elements: (1) whether the activity merits Cash Equivalent credit, and (2) if so, in what amount (potentially measured by value to the Program in meeting its First Increment objectives rather than by the level of expenditure).

4. **Program Assets** - Subject to the provisions in Section III, those assets acquired through the Cash Contributions of the signatories are considered Program Assets for purposes of this Attachment 1. Program Assets include, but are not limited to, land interests acquired through fee title, easements, or leases to the extent such easements and leases survive Program termination. Program Assets also include water interests and projects acquired through project construction or leases to the extent such leases survive Program termination. While the water from the three initial Program water projects and the use of Cottonwood Ranch and Deer Creek lands are considered Cash Equivalents for purposes noted in Section I.B.3 above, the projects and lands are not Cash Equivalents or Program Assets for purposes of determining a Signatory's Share of Program Assets as provided in Section I.B.5 below and those projects and lands are not subject to disposition by the Governance Committee. Neither Program dissolution nor withdrawal of a signatory party will have any impact on the ownership of any such projects or lands nor will it have any effect on the rights of the state where the project or land is located, or of entities within that state, to administer the project or land in accordance with applicable law.

5. **Signatory's Share of Program Assets** - Each signatory's respective share of the Program Assets will be equal to that signatory's total cash contributions at the time of Program dissolution compared against the total Cash Contributions made by all of the signatories at the time of Program dissolution. For example, if Signatory A has made Cash Contributions totaling \$3M to the Program and all of the signatories, including Signatory A, have made cash contributions totaling \$100M to the Program at the time of dissolution, Signatory A would have an interest in 3% of the Program Assets.

II. CREDITING UNDER THE PROGRAM

The following table depicts the Cash Contributions and Cash Equivalent Contributions that will be provided by the DOI and the states during the First Increment of the Program:

Program Contributions (values in millions of dollars)				
Contributions	Total	DOI	States	Description
Cash	187.14	157.14	30.0	Colorado – 24.0; Wyoming 6.0
Cash Equivalents				
Land	10.0		10.0	Cottonwood Ranch/Deer Creek Lands
Water	120.19		120.19	Water from three initial projects
Total	317.33	157.14	160.19	

III. DISTRIBUTION OF PROGRAM ASSETS AND ESA CREDITS FOLLOWING PROGRAM TERMINATION OR SIGNATORY WITHDRAWAL

A. Principles Governing Dissolution of the Program

Consistent with section II.E. of the Program Agreement, if the Secretary of the Interior and the Governors of Colorado, Nebraska and Wyoming decide to dissolve the Program before the end of the First Increment or to not pursue a second increment of the Program, or if the Program is dissolved as the result of a signatory's withdrawal, the Program Governance Committee is dissolved and the signatories agree to form a signatory committee to satisfy the signatories' existing legal obligations under contracts and arrange for disposition of Program Assets. Other members of the Program Governance Committee may be invited to advise signatories in that regard. In the event that any signatory is unable or unwilling, following a decision to dissolve the Program, to continue to participate on such signatory committee, the remaining signatories shall be fully empowered to make such decisions and take such actions as are necessary to meet the signatories' legal obligations under the contracts with the Financial Management Entity (FME) and the Land Holding Entity (LHE) and properly dispose of Program Assets.

1. The signatory committee will remain functional until such time as the signatories' legal obligations under existing contracts and agreements are met and the disposition of Program Assets is resolved, including any outstanding payments due and payable to a "Water Project Sponsor" or "Sponsors of Program Lands." Until an asset is no longer the responsibility of the signatories, the signatories agree to ensure that FME will continue to pay property taxes and retain liability insurance. The signatories agree to manage the property in compliance with the "good neighbor" policy.

2. A signatory or a partnership of signatories may wish to purchase the shares in the Program Assets of any signatory or signatories wishing to sell, under the condition that the Program Assets will continue to be managed to provide habitat for the target species. If this occurs, the signatory committee will have the FME acquire the services of an independent appraiser to complete an appraisal of the Program Assets. The appraisal will be based on the continued use of the Program Asset to provide habitat to the target species. If the Program Governance Committee had previously established the appraised value or a method for determining the appraised value of a particular Program Asset in the event of Program dissolution, that value or method shall be used. The signatory or partnership of signatories may purchase the shares of the selling signatories at a price equal to the respective selling signatories' share of the Program Assets times the appraised value of the Program Assets. If the purchased Program Assets are land, those lands will be held by the Land Holding Entity or a successor selected by the purchaser and approved by the signatory committee as a condition of the sale. (A signatory state may offer to donate its interest in a Program Asset to another signatory or partnership of signatories and seek ESA credit from FWS in future reinitiated consultations in that state for the continuing benefits provided to the target species as a result of the donation.)

3. If none of the signatories are interested in acquiring Program Assets as described in Section III.A.2 above, the signatory committee will entertain offers from water user

and environmental entities to purchase the Program Assets under the condition that the Program Assets will continue to be managed to provide habitat for the target species. If the purchased Program Asset is land, that land will be held by the Land Holding Entity or a successor selected by the purchaser and approved by the signatory committee as a condition of the sale. The proceeds of the sale, after expenses, will be distributed to the signatories in accordance with their respective Signatory's Share of the Program Assets.

4. If the Program Assets are not purchased in accordance with Sections III.A.2 or 3 above, the signatory committee shall oversee the sale of such assets. Such sale may be made without the condition that the Program Asset must be managed to provide habitat for the target species. The proceeds of the sale, after expenses, will be distributed to the signatories in accordance with their respective Signatory's Share of the Program Assets.

B. ESA Credits

In the event of Program dissolution, if a state agrees to and continues to carry out the responsibilities it had under the Program, there is a presumption that such actions are sufficient to provide ESA compliance with respect to all water related activities in that state until any reinitiated consultations have been completed. When a state agrees to and continues to carry out the responsibilities it had under the Program, that state and any water related activities covered also retain the right to argue that the responsibilities undertaken are sufficient to constitute long term ESA compliance for the reinitiated consultations. FWS agrees to consider these undertakings in any reinitiated Section 7 consultations, including in the development of new reasonable and prudent alternatives or other measures.

In addition, to the extent the states respective contributions of cash, water (through the initial Program water projects), and land (Cottonwood Ranch and Deer Creek lands) will continue to benefit the target species beyond the dissolution of the Program, the states retain the right to argue that such future benefits resulting from their contributions should be considered in any reinitiated consultations. The FWS will give due consideration to these contributions and their resulting subsequent benefits to the target species and habitat in any reinitiated consultations.

IV. PROGRAM BUDGET AND CASH FLOW REQUIREMENTS

Activity	Estimated Cash Needs in 2005 Dollars (Millions)	Cash Equivalent Credit (Millions)
Water (130-150KAF)		
Three State Water Projects (80KAF) ^{1,*}		\$120.19
Water Conservation/Supply (60KAF) ²	\$90.14	
Project Permitting ³	\$1.35	
Bypass	\$3.08	
Channel Capacity Issues	\$1.00	
Subtotal Water	\$95.57	\$120.19
Land (10K Acres)		
Cottonwood Ranch Acquisition (2,650 A, cash equivalent) ^{4,*}		\$8.50
Wyoming's Deer Creek Property		\$1.50
Acquisition (7,350A) ⁴	\$22.90	
O&M (Includes clearing)	\$10.00	
Investigation/Leveling Act. ⁵	\$3.35	
Taxes	\$1.53	
Project Perm. & LAC ³	\$1.35	
Subtotal Land	\$39.13	\$10.00
Program & Project Monitoring and Research ⁶	\$30.00	
Program & Project Administration (@ 1.49M/Yr) ⁷	\$19.37	
Third Party Direct Impact Mitigation Contingency and Liability	\$0.67	
Peer Review and Independent Science Advice ⁸	\$2.35	
Program Legal Fees ⁹	\$0.05	
Totals	\$187.14	\$130.19

Estimated Total First Increment Cash and Cash Equivalent Costs **\$317.33**

* Indicates items for cash equivalent or in-kind contribution credit

¹Three State Water Projects (80AF) from the Reconnaissance - Level Water Action Plan, Page 105, September 14, 2000
Reconnaissance - Level Water Action Plan, Page 108-109, September 14, 2000

²Estimate based on review of Reconnaissance-Level Water Action Plan.

³Project specific compliance with state and federal laws and regulations including NEPA requirement, and ESA requirements for protected species not covered by the Program.

⁴Cost for Cottonwood Ranch negotiated for in the Cooperative Agreement. Other purchase costs assume approximately \$3,100/ac.

⁵Preliminary cost associated with moving 40 acres of land, 4 feet deep (per analysis in EIS) at cost of \$1/yard.

⁶Monitoring and Research costs estimated by the Technical Committee, including Parsons/EIS Team estimate for Sediment/Vegetation and additional tasks identified by Governance Committee (e.g. water quality)

⁷Executive Director, staff, office space, travel, etc.

⁸Includes assistance for implementing the AMP and peer review of individual documents.

⁹Estimate includes assistance in developing Program, land, water entities, contracts, taxes, etc.

		FY 2011 Budget (New Money)	
		Column 1	
ED-1	O	Salaries/Travel/Office Expenditures (FY08-FY19)	\$ 1,000,000.00
ED-2	O	Administrative and Other Support Services (FY08-FY19)	\$ 200,000.00
ED-3	O	Public Outreach (FY08-FY19)	\$ 50,000.00
			\$ 1,250,000.00
GFC-1	O	NCF Fees (FY08-FY19)	\$ 200,000.00
GFC-2	O	Pulse Flow and Other Insurance (FY08-FY19)	\$ 75,000.00
GFC-3	O	Expenses, Meeting Rooms, etc. (FY08-FY19)	\$ 1,000.00
GFC-4	O	Pulse Flow Reserve (FY08-FY19)	\$ 275,000.00
LAC-1	O	Expenses, Meeting Rooms, etc. (FY08-FY19)	\$ 1,000.00
WAC-1	O	Expenses, Meeting Rooms, etc. (FY08-FY19)	\$ 1,000.00
TAC-1	O	Expenses, Meeting Rooms, etc. (FY08-FY19)	\$ 1,000.00
-	C	Land Interest Holding Entity Negotiations & Start-Up (FY07)	
LP-2(a)	C	Cottonwood Ranch Maintenance & Enhancement (FY07-FY08)	
LP-2(b)	C	Pre-2007 Cottonwood Ranch Maintenance & Enhancement (FY08)	
LP-3	O	Land Acquisition (FY09-FY12)	\$ 6,500,000.00
LP-4	O	Land Management (FY09-FY19)	\$ 2,000,000.00
LP-5	O	Cottonwood Ranch Bridge Final Design & Construction (FY10)	\$ 200,000.00
LP-6	O	Land Plan Special Advisors (FY10-FY19)	\$ 100,000.00
LP-7	N	Public Access Management (FY11-FY19)	\$ 200,000.00
WP-1(a)	O	Active Channel Capacity Improvements (N Platte Channel above CNPPID Diversion Dam)	\$ 250,000.00
WP-1(b)	O	Active Channel Capacity Improvements (CNPPID Diversion Dam to Grand Island)	\$ 200,000.00
WP-2(a)	C	Water Management Study Phase I (FY07-FY08)	
WP-2(b)	C	Water Management Study Phase II (FY08)	
WP-3	C	Test Flow Routing Model/2008 EA Augmented SDHF Pilot Study (FY09)	
WP-4	O	Water Action Plan (FY09-FY19)	\$ 1,000,000.00
WP-5	O	Management Tool (FY10)	\$ 200,000.00
WP-6	O	Feasibility Studies (FY09)	\$ 200,000.00
WP-7	O	Water Acquisition (FY09-FY11)	\$ 200,000.00
WP-8	O	Water Plan Special Advisors (FY10-FY19)	\$ 100,000.00
WP-9	O	Miscellaneous Water Resources Studies (FY10)	\$ 20,000.00
-	C	Legal Review for North Platte Channel Capacity Project (FY08)	
PD-4	O	AMP Workshops (FY09-FY19)	\$ 200,000.00
PD-12	O	Model Application (FY09-FY12)	\$ 200,000.00
PD-13	O	Sediment Augmentation Feasibility Analysis, Design, and Permitting (FY09-FY12)	\$ 200,000.00
PD-14	C	Whooping Crane Conservation Action Plan (CAP) Development (FY09)	
PD-19	O	Flow Consolidation Conceptual Design (FY10-11)	\$ 200,000.00
PD-20	N	Wet Meadow Restoration on Tract 2009001 (FY11-FY12)	\$ 200,000.00
-	C	Develop Mgmt-Level Hypothesis Testing for FSM/Clear-Level Plow (FY07)	
		Sub-Total	\$ 14,000,000.00
-	C	AMWG Assistance & Operating Expenses	

Salaries, travel, and other direct costs associated with ED and staff in ED Office

Public notices, title searches, land and water specialty attorneys, boundary surveyors, appraisals, and miscellaneous services required to support ED efforts

\$20,000/year for 3 years (Year 3 of 3) for support of Crane Meadows (Hastings College in lead, NGPC also \$ supporter; funds provide access to different audience, exhibit space, recognition on Interstate signage, access to office space and meeting facilities); \$30,000 for exhibitor fees at Husker Harvest Days, South Platte Forum, Colorado Water Congress, Rivers and Wildlife others of similar nature and support for other opportunistic outreach efforts such as Rowe Sanctuary, Prairie Loft. Subsequent years for exhibit fees, publication of materials, support of related outreach efforts

Annual fees for Financial Management Entity (sliding scale percentage of \$ amount disbursed)

Program insurance for pulse flow and liability

Meeting rooms for GC & FC meetings; other associated costs

Annual reserve for potential EA bypass-related costs

Meeting rooms for LAC meetings; other associated costs

Meeting rooms for WAC meetings; other associated costs

Meeting rooms for TAC meetings; other associated costs

Complete from PRRIP budget standpoint

Complete from PRRIP budget standpoint

Complete from PRRIP budget standpoint

Land acquisition costs; annual LIHE fees; property taxes and other annual fees

Basic land operations and maintenance including road, fence, and building upkeep, noxious weed control, mowing, etc. Agricultural input costs for share cropping agreements including seed, fertilizer and herbicide application, crop insurance, etc.

Construction and construction administration of Spring Creek Bridge on Cottonwood Ranch Complex

Crop / farm management services and advice and assistance in planning and implementation of basic property maintenance obligations and target species habitat restoration and management actions taken under budget item LP-2.

Increasing channel capacity upstream of the CNPPID diversion dam to at least 3,000 cfs. Additional technical and/or contracting services will be engaged to update the assessment of ongoing channel issues, recommendations for further efforts, and implementing recommendations.

Cost share with Platte Valley and West Central Weed Management Areas to clear biomass from the river channel between Kingsley Dam and Chapman.

Complete from PRRIP budget standpoint

Complete from PRRIP budget standpoint

Complete from PRRIP budget standpoint

Advancing Water Action Plan projects from feasibility: \$4.5M for reregulating reservoir land acquisition, geotechnical work, and initiating final design; \$600K for ground water recharge project land acquisition and initiating final design

Cooperation with agencies developing the COHYST model; consultant fees for model enhancements/analyses specifically related to the PRRIP and/or training ED Office staff, software, etc.

Water Action Plan Feasibility studies: \$50K for Water Leasing; \$250K for Water Management incentives; \$150K for Groundwater Management; \$150K for Miscellaneous WAP investigations in support of WAP project goals.

Establish reserve fund for water right/water acquisitions (purchase or lease arrangements), as needed; existing opportunities of purchase of approximately 100 acre-feet of ground water and lease of 1,000 acre-feet of surface water; other opportunities anticipated

Advisors on water-related specialty topics such as economics, hydro-geology/ground water, water law, water rights, Platte Basin system operations, and economics

Investigations to better define fundamental hydrologic and water balance components such as ET of non-crop areas, channel loss/bank storage, and SW/GW interactions

Complete from PRRIP budget standpoint

Expenses for at least three workshops on AMP Implementation

New money for extending 1-D model from North Platte choke point to Lake McConaughy, including steady and unsteady hydraulics

Phase II (final design and securing appropriate permits) completed in FY 2011 with FY 2010 funds; Phase III (sediment augmentation implementation) funded with new money in FY 2011; includes \$100,000 for project-specific monitoring beginning in FY 2011

Complete from PRRIP budget standpoint; report from effort underway, expected in 2010

Full feasibility for flow consolidation project at Cottonwood Ranch to be completed by the end of 2011 with new money; complete final design in 2012

Contract services for consultant to develop wet meadow restoration construction plans and specifications on Tract 2009001. Will be based on results of wet meadow information review and hypotheses sequencing process.

Complete from PRRIP budget standpoint

Complete from PRRIP budget standpoint

			FY 2011 Budget (New Money)	
			Column 1	
LP-2	O	FSM/MCM Actions at Habitat Complexes (FY08-FY19)	\$ 443,000.00	Ft. Kearney=\$156K, Elm Creek=\$60K, CWR=\$149K, Plum Creek=\$18K, \$100,000 unspecified location(s); channel widening, island building/shaping, vegetation management, other target species habitat-related AMP activities
PD-7	C	Program Anchor Points (FY09)		Complete from PRRIP budget standpoint
PD-15	O	AMP Permits (FY09-FY19)	\$ 300,000.00	Contract services from HDR (extension of existing permit work under Sediment Augmentation contract) to secure site-specific Individual Permits or Regional General Permit for AMP management actions (island building, vegetation clearing, channel widening)
PD-16	C	Invasives Strategy (FY09-FY19)		Complete from PRRIP budget standpoint
PD-18	O	AMP-Related Equipment (FY09-FY19)	\$ 55,000.00	\$10,000 for airboat/Argo maintenance and gas; \$45,000 to turn in Program leased truck and purchase new Program truck
WP-10	O	FY19	\$ 160,000.00	Bypass costs for 2011 SDHF
Sub-Total			\$ 958,000.00	
G-1	O	LIDAR Implementation (FY09-FY19)	\$ 75,000.00	Acquisition of annual LIDAR through bid package
G-2	O	Aerial Photography (FY08-FY19)	\$ 75,000.00	Year 3 of a three-year contract (Cornerstone Mapping, Inc.) to acquire annual aerial photography as per protocol
G-3	C	Revise & Update Geomorphology Monitoring Protocol (FY07-FY08)		Complete from PRRIP budget standpoint
G-4	C	Develop Scope of Work for 2008 System-Level Geomorphic Monitoring		Complete from PRRIP budget standpoint
G-5	O	Geomorphology/In-Channel Vegetation Monitoring (FY08-FY19)	\$ 447,500.00	Year 3 of three-year contract (Ayres Associates) to implement monitoring protocol; \$75,000 for data analysis and reporting (including participation in AMP reporting session); \$25,000 for map/status-related tasks (plan and profile maps, anchor point maps, transects and vegetation, draft and final map set deliverables)
H-2	O	Program Stream Gages (FY08-FY19)	\$ 30,000.00	Gage maintenance and research gages; over time PRRIP will upgrade DNR gages
H-4.5	C	Unsteady Flow Model Calibration (FY07)		Complete from PRRIP budget standpoint
IMRP-1	C	SDHF Monitoring (FY08-FY19)		Complete from PRRIP budget standpoint
IMRP-2	O	AMP Directed Research Projects (FY09-FY19)	\$ 250,000.00	\$250,000 for stream power and morphology investigation; \$200,000 for potential research projects yet to be identified
IMRP-3	O	Adaptive Management Plan Special Advisors (FY10-FY19)	\$ 100,000.00	Advisors on AMP-related specialty topics such as ecological statistics, geomorphology, and decision analysis
IMRP-4	N	FSM "Proof of Concept" Activities @ Elm Creek Complex (FY11-FY16)	\$ 250,000.00	\$100K for implementation of monitoring protocol at Elm Creek Complex; \$150,000 for application of 2-D model at Elm Creek Complex (as per monitoring protocol)
PD-8	O	Development & Maintenance (FY08-FY19)	\$ 140,000.00	Ongoing database updating and management by Riverside Technologies
PS-1	C	Pallid Sturgeon Existing Information Review/Summary (FY08)		Complete from PRRIP budget standpoint
PS-2	C	Lower Plate River Stage Change Study (FY08-FY09)		Complete from PRRIP budget standpoint
TP-1	O	Tern & Plover Monitoring (FY08-FY19)	\$ 300,000.00	\$160,000 to hire six-person USGS crew to assist Field Lead (EDO) with implementing monitoring protocol, banding, habitat data collection, and forage data collection; \$100,000 for USGS to complete habitat data analysis; \$40,000 for PRRIP equipment costs (gas and travel)
TP-2	C	Finish Forage Fish Monitoring Protocol (FY07-FY08)		Complete from PRRIP budget standpoint
TP-3	C	Forage Fish Monitoring (FY08-FY19)		monitoring protocol; ED Office will synthesize data in FY 2011 and recommend potential next steps
TP-4	C	Tern & Plover Foraging Habits Study (FY09-FY10)		Complete from PRRIP budget standpoint; remaining FY 2010 funds will be held as UO to complete final reporting and publication in FY 2011
TP-5	C	Analysis of CA-Collected Tern/Plover Monitoring Data (FY08)		Complete from PRRIP budget standpoint
WC-1	O	Whooping Crane Monitoring (FY08-FY19)	\$ 170,000.00	Extend AIM contract for one year until data synthesis and full protocol review completed; re-complete work for new 3-year contract in summer 2011
WC-2	C	Analysis of CA-Collected Whooping Crane Monitoring Data (FY08)		Complete from PRRIP budget standpoint
WC-3	O	Whooping Crane Telemetry Tracking (FY09-FY12)	\$ 130,000.00	Analysis of telemetry data collected and reporting
WC-4	C	Water Surface Estimation at Crane Use Sites (FY07-FY08)		Complete from PRRIP budget standpoint
WMV-1	C	Vegetation Mapping Effort (FY07-FY08)		Complete from PRRIP budget standpoint
WMV-2	C	Wet Meadows Information Review and CEM Refinement (FY10)		Work will be complete on this project at end of FY 2010
WQ-1	O	Water Quality Monitoring (FY09-FY11)	\$ 150,000.00	Year 3 of three-year contract with EA for systematic water quality monitoring at \$164,000; also includes \$78,000 for EA to conduct Kearney Canal monitoring as per agreement with NPPD related to AMP implementation activities at Elm Creek Complex; \$15,000 for EA to complete data analysis; \$3,000 for participation in 2011 AMP Reporting Session.
Sub-Total			\$ 250,000.00	
ISAC-1	O	ISAC Stipends & Expenses (FY09-FY19)	\$ 100,000.00	for chair to write annual report; 10 days of document review per ISAC member; travel expenses
ISAC-2	C	Meetings, Expenses, etc. (FY08)		Complete from PRRIP budget standpoint
ISAC-3	C	Initial Establishment/Planning Session Expenses (FY08)		Complete from PRRIP budget standpoint
PD-3	O	AMP & IMRP Peer Review (FY09-FY19)	\$ 75,000.00	Six peer review panels for specific documents (1. Stage change study; 2. FSM Proof of Concept monitoring protocol; 3. Sediment augmentation feasibility analysis report; 4. AMP Mock Report; 5. AMP Data Analysis Plan; 6. AMP Implementation Plan); one potential additional peer review panel; \$5,000 per panel for PBS&J science review services (recommend candidates, provide background and conflict of interest statements, communicate with panelists, summarize comments, and deliver final report to EDO); includes possible assistance for replacing ISAC members that cycle out of service
PD-11	O	AMP Reporting (FY09-FY16)	\$ 25,000.00	Meeting costs for 2011 AMP Reporting Session in February or March 2011
Sub-Total			\$ 25,000.00	
PRRIP BUDGET TOTALS			\$ 1,203,000.00	Estimated First Increment Total (\$187M available in 2005 dollars)
Status Legend: * All budget numbers in 2005 dollars				
O = Ongoing, N = New, C = Complete				
AMP Project ID Labels:				
G = Geomorphology				
H = Hydrology				
IMRP = Integrated Monitoring and Research Plan				
PD = General Activities/Program Development				
PS = Pallid Sturgeon				
TP = Terns/Plovers				
WC = Whooping Cranes				
WMV = Wet Meadows/Vegetation				
WQ = Water Quality				