



2012 Land Budget Overview

Platte River Recovery Implementation Program

For More Information Contact: Jerry F. Kenny, kennyj@headwaterscorp.com, (308) 237-5728

2012 Budget Overview by Budget Line Item

Budget Line Item	Description	Estimated Expenditure
LP-2	Adaptive Management Species Habitat Actions*	\$636,130
LP-3	New Land Acquisitions	\$5,000,000
LP-4	Property Maintenance & Agricultural Operations**	\$389,800
LP-6	Land Plan Special Advisors	\$150,000
LP-7	Public Access Management	\$50,000
PD-13	Sediment Augmentation Management Experiment	\$540,888
PD-15	AM Action USACE Section 404 Permitting***	\$150,000
PD-19	Flow Consolidation Management Experiment	\$230,000
PD-20	Tract 2009001 Wet Meadow Restoration Construction	\$324,000
IMRP-4	Elm Creek FSM "Proof of Concept" Management Experiment	\$203,185
IMRP-5	Shoemaker Island FSM "Proof of Concept" Man. Experiment	\$250,000

*Includes \$100,000 in LP-2 for new acquisitions in 2012.

**Includes \$100,000 in LP-4 for new acquisitions in 2012.

***Includes \$100,000 for development of a regional general permit and \$50,000 for project permitting

2012 Budget Overview by Complex

Complex	Estimated Expenditure	Estimated Income
Plum Creek "Complex"	\$380,644	\$17,204
Cottonwood Ranch Complex	\$680,734	\$24,000
Elm Creek Complex	\$298,265	\$2,000
Fort Kearny Complex	\$499,770	\$69,000
Shoemaker Island Complex	\$564,590	\$38,900
New Acquisitions (Estimated 6)	\$200,000*	N/A
Total	\$2,624,003	\$151,104

**\$100,000 for maintenance and \$100,000 for species habitat*



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2012 Plum Creek “Complex” Annual Work Plan

Platte River Recovery Implementation Program

For More Information Contact: Jerry F. Kenny, kennyj@headwaterscorp.com, (308) 237-5728

General Priorities

- **Good Neighbor Policy** – *Conduct all actions in accordance with Program’s good neighbor policy.*
 - **Complex-Level Planning** – *Develop Complex Restoration and Management Plan following completion of sediment augmentation experiment implementation design.*
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Adaptive Management Priorities

- **Sediment Augmentation Management Experiment** – *Implementation of trial-scale sediment augmentation experiment to test augmentation material placement methods and material mobilization.*
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Species Habitat Priorities

- **Improve Target Species Sand and Water Habitat** – *Application of pre-emergent herbicide on OCSW peninsulas to maintain tern and plover nesting habitat. Control in-channel vegetation to prevent further degradation of in-channel habitat.*
 - **Protecting Other Species of Concern** – *Identify presence of and determine methods to protect other species of concern while implementing land-related activities.*
 - **Whooping Crane Grassland/ Wet Meadow Habitat** – *prescribed burn on grasslands in spring 2012.*
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Operations and Maintenance Priorities

- **Basic Property Maintenance Obligations and Needs** – Fulfill basic property ownership obligations and needs including boundary fence signage, lodge and Quonset maintenance, road maintenance, and noxious weed control. Install boundary fence on southern end of Tract 2009007 and interior fencing to facilitate grazing on Tract 2009003.
 - **Agricultural Operations** – Oversight of grazing lease on Tract 2009003. Oversight of cropland lease on Tract 2009007.
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NOTE: The budget section of this work plan only contains information for work items that are specific to this complex. As such, complex-specific research and monitoring actions are presented but system-scale actions like target species and geomorphology/vegetation monitoring are not.

Priority Area: General**Item(s): Complex Land Interest and Complex-Level Planning**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC1	Initiate complex-level planning effort following completion of sediment augmentation implementation design	1/1/12 – 12/1/12	JF	N/A	N/A
PC2	Coordination of Program land actions with neighboring landowners	1/1/12 – 12/31/12	BS	N/A	N/A
PC3	Coordinate with NPPD to identify and mitigate potential impacts to leased NPPD nesting islands	1/1/12– 4/1/12	JF	N/A	N/A

Priority Area: Adaptive Management**Item(s): Sediment Augmentation Experiment**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC4	Implementation of trial-scale sediment augmentation management experiment on Tract 2009003	3/1/12 – 12/31/12	JF	\$307,944	PD-13

Priority Area: Species Habitat**Item(s): Improve Target Species Sand and Water Habitat**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC5	Pre-emergent herbicide application on OCSW peninsulas	3/1/12 – 4/1/12	TT	\$1,000	LP-2
PC6	Tract 2009003 & 2009007 in-channel vegetation control	9/1/12 – 10/1/12	TT	\$8,000	LP-2

Priority Area: *Species Habitat*

Item(s): *Whooping Crane Grassland / Wet Meadow Habitat*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC7	Tract 2009003 Prescribe burn	3/15/12 – 4/7/12	TT	\$4,950	LP-2
PC8	Tract 2009007 Prescribe burn	3/15/12 – 4/7/12	TT	\$1,950	LP-2

Priority Area: *Species Habitat*

Item(s): *Other Species of Concern*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC9	Habitat and species surveys on properties where work will occur	As Needed	DB	N/A	N/A
PC10	Coordination with USFWS and NGPC to identify and mitigate potential impacts associated with 2012 land activities	1/1/12 – 4/1/12	TBD	N/A	N/A

Priority Area: Operations and Maintenance**Item(s): Basic Property Maintenance Obligations and Needs**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC11	Tract 2009003 interior fence construction for grazing	7/15/12 – 10/1/12	TT	\$10,000	LP-4
PC12	Tract 2009003 livestock watering tank installation	7/15/12 – 10/1/12	TT	\$2,500	LP-4
PC13	Tract 2009003 fence and road maintenance	4/1/12– 10/1/12	TT	\$2,000	LP-4
PC14	Tract 2009003 lodge and quonset utilities	1/1/12 – 12/31/12	TT	\$5,000	LP-4
PC15	Tract 2009003 noxious weed control	6/1/12 – 8/31/12	TT	\$4,300	LP-4
PC16	Tract 2009007 south boundary tree removal and fence replacement	7/15/12 – 10/1/12	TT	\$10,000	LP-4
PC17	Tract 2009007 fence & road maintenance	4/1/12 – 10/1/12	TT	\$1,000	LP-4
PC18	Tract 2009007 noxious weed control	6/1/12 – 8/31/12	TT	\$2,000	LP-4
PC19	Tract 2009007 tree clearing on east boundary, north side of river to straighten fence line and post signs	7/15/2012-10/1/2012	TT	\$20,000	LP-4

Priority Area: Operations and Maintenance**Item(s): Agricultural Operations**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
PC20	Oversight of grazing and cropland leases	1/1/12 – 12/31/12	TT	N/A	N/A

Personnel Responsibility Key:

BS – Bruce Sackett (Land Specialist)

DB – David Baasch (Biologist)

TT – Tim Tunnell (Land Manager)

JF – Jason Farnsworth (Technical Support Services)

Property Identification Key:

2009003 – PRRIP Dyer Tract

2009007 – PRRIP Cook Tract

2012 Plum Creek Complex Budget Summary

Estimated 2012 Expenditures by Program Budget Line Item

Priority Area	Item	Budget Line Item	Estimated Expenditure
Adaptive Management	Sediment Augmentation Management Experiment	PD-13	\$307,944
Species Habitat	Prescribed fire, In-channel vegetation control and Pre-emergent Herbicide Application	LP-2	\$15,900
Operations and Maintenance	Property Maintenance Needs and Obligations	LP-4	\$56,800
		Total	\$380,644

Estimated 2012 Revenues

Priority Area	Item	Estimated Income
Operations and Maintenance	Tract 2009003 Grazing Income	\$4,950
Operations and Maintenance	Tract 2009007 Haying Income	\$1,700
Operations and Maintenance	Tract 2009007 Cropland Income	\$10,554



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2012 Cottonwood Ranch Complex Annual Work Plan

Platte River Recovery Implementation Program

For More Information Contact: Jerry F. Kenny, kennyj@headwaterscorp.com, (308) 237-5728

General Priorities

- **Good Neighbor Policy** – *Conduct all actions in accordance with Program’s good neighbor policy.*
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Adaptive Management Priorities

- **Riverine versus Off-Channel Tern and Plover Nesting** – *Monitor tern and plover use and productivity on Program riverine habitat and nearby off-channel sand & water nesting habitat (new OCSW nesting complex on CWR property).*
 - **Flow Consolidation Management Experiment** – *Design and construction of two channel plugs in areas that eroded during 2011. Implementation design for flow consolidation management experiment.*
 - **Trial-Scale Sediment Augmentation Management Experiment** – *Augmentation of 50,000 CY of sand in the form of mechanical channel widening. Monitor performance of augmentation.*
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Species Habitat Priorities

- **Improve Target Species Sand and Water Habitat** – *Application of pre-emergent herbicide on cleared areas and tern and plover nesting islands, channel discing, and approximately 60 acres of tree clearing on Tracts 2008002 and 2009006 to increase unobstructed view widths (2012 habitat enhancement project).*
 - **Management of grassland/wet meadow habitat for whooping cranes and sandhill cranes** – *Implementation of prescribed fire and grazing rotation in Section 16 T8N R19W (Tracts 2008002 and 2010001) to provide short grassland structure on ¼ of area during spring and fall crane migrations.*
 - **Protecting Other Species of Concern** – *Identify presence of and determine methods to protect and/or benefit other species of concern while implementing land-related activities.*
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Operations and Maintenance Priorities

- **Basic Property Maintenance Obligations and Needs** – Fulfill basic property ownership obligations and needs on Tracts 2008002, 2009006, and 2010001 including fence and road maintenance and noxious weed control.
 - **Agricultural Operations** – Oversight of grazing leases on Tracts 2009006 and 2010001.
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Priority Area: *General*

Item(s): *Complex Land Interest and Good Neighbor Policy*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR1	Coordination of Program land actions with neighboring landowners	1/1/12 – 12/31/12	BS	N/A	N/A

Priority Area: *Adaptive Management*

Item(s): *Flow Consolidation Management Experiment*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR2	Flow consolidation management experiment implementation design and construction of channel plugs	1/1/12 – 12/31/12	JF	\$230,000	PD-19

Priority Area: *Adaptive Management*

Item(s): *Trial-Scale Sediment Augmentation Management Experiment*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR3	Sediment augmentation management experiment implementation and monitoring	1/1/12 – 12/31/12	CS	\$232,944	PD-13

Priority Area: *Species Habitat***Item(s): *Target Species Sand and Water Habitat***

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR4	Design and bidding for 2012 habitat enhancement project	4/1/12 – 7/31/12	JB	N/A	N/A
CR5	2012 habitat enhancement project construction (tree clearing on 2008002 and 2009006 and post-construction seeding)	9/1/12 – 12/31/12	JB	\$150,000	LP-2
CR6	Tract 2008002 Pre-emergent herbicide application on in-channel tern and plover nesting habitat and OCSW complex	4/1/12 – 4/30/12	TT, JJ	\$3,000	LP-2

Priority Area: *Species Habitat***Item(s): *Whooping Crane Grassland / Wet Meadow Habitat***

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR7	Tract 2008002 Prescribe burn on Lloyd Island and south of OCSW	3/15/12 – 4/7/12	TT	\$8,130	LP-2
CR8	Tract 2008002 Fall Prescribed burn on SW ¼ of Section 16 T8N R19W	8/1/12 – 11/1/12	TT	\$4,800	LP-2
CR9	Tract 2010001 Electrical service and replace pump at irrigation well on SW ¼ to supplement water to wetland	7/15/12-10/15/12	TT	\$12,000	LP-2
CR10	Tract 2009006 Prescribed burn	3/15/12 – 4/7/12	TT	\$9,510	LP-2
CR11	Tract 2010001 - Prescribed burn on Morse-middle unit	3/15/12 – 4/7/12	TT	\$5,850	LP-2

Priority Area: *Species Habitat***Item(s): *Other Species of Concern***

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR12	Habitat and species surveys on properties where work will occur	As Needed	DB	N/A	N/A
CR13	Coordination with NPPD, USFWS and NGPC to identify and mitigate potential impacts associated with 2012 land activities	As Needed	TBD	N/A	N/A

Priority Area: *Operations and Maintenance***Item(s): *Basic Property Maintenance Obligations and Needs***

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR14	Tract 2008002 Exclusionary fencing of Lloyd Island and tern and plover nesting habitat	4/1/12– 5/31/12	TT, JJ	\$5,000	LP-4
CR15	Tract 2008002 Boundary fence and road maintenance	1/1/12 – 12/31/12	TT, JJ	\$1,000	LP-4
CR16	Tract 2008002 Noxious weed control	4/1/12– 9/30/12	TT, JJ	\$3,000	LP-4
CR17	Tract 2008002 Mowing	7/15/12 – 11/1/12	TT	\$2,000	LP-4
CR18	Tract 2009006 Boundary fence and road maintenance	1/1/12 – 12/31/12	TT	\$5,000	LP-4
CR19	Tract 2009006 Noxious weed control	4/1/12 – 9/30/12	TT	\$1,500	LP-4
CR20	Tract 2010001 Boundary fence and road maintenance	1/1/12 – 12/31/12	TT	\$3,000	LP-4
CR21	Tract 2010001 Noxious weed control	4/1/12 – 9/30/12	TT	\$2,000	LP-4
CR22	Tract 2010001 Mowing	7/15/12 – 11/1/12	TT	\$2,000	LP-4

Priority Area: Operations and Maintenance**Item(s): *Agricultural Operations***

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
CR23	Tract 2009006 grazing lease oversight	5/15/12-10/15/12	TT	N/A	N/A
CR24	Tract 2010001 grazing lease oversight	5/15/12-10/15/12	TT	N/A	N/A

Personnel Responsibility Key:

JJ – Jim Jenniges (NPPD)
BS – Bruce Sackett (Land Specialist)
DB – David Baasch (Wildlife Biologist)
TT – Tim Tunnell (Land Manager)
JF – Jason Farnsworth (Technical Support Services)
SS – Steve Smith (Water Resources Engineer)
CS – Chad Smith (Director of Natural Resources)

Property Identification Key:

2008002 – NPPD Cottonwood Ranch
2009006 – Stall Tract
2010001 – PRWCT Morse Tract

2012 Cottonwood Ranch Budget Summary

Estimated 2012 Expenditures by Program Budget Line Item

Priority Area	Item	Budget Line Item	Estimated Expenditure
Adaptive Management	Flow Consolidation Management Experiment	PD-19	\$230,000
Adaptive Management	Trial-Scale Sediment Augmentation Management Experiment	PD-13	\$232,944
Adaptive Management & Species Habitat	Target Species Sand and Water Habitat	LP-2	\$153,000
Species Habitat	Grassland / Wet Meadow Habitat	LP-2	\$40,290
Subtotal			\$193,290
Operations and Maintenance	Property Maintenance Obligations and Needs	LP-4	\$24,500
Total			\$680,734

Estimated 2012 Revenues to Program

Priority Area	Item	Estimated Income
Agricultural Operations	Tract 2009006 Grazing Lease Income	\$4,000
Agricultural Operations	Tract 2010001 Grazing Lease Income	\$15,000
Agricultural Operations	Tract 2010001 Haying Lease Income	\$5,000



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2012 Elm Creek Complex Annual Work Plan

Platte River Recovery Implementation Program

For More Information Contact: Jerry F. Kenny, kennyj@headwaterscorp.com, (308) 237-5728

General Priorities

- **Good Neighbor Policy** – *Conduct all actions in accordance with Program’s good neighbor policy.*
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Adaptive Management Priorities

- **Tern and Plover Riverine Habitat Experiment** – *Construction of in-channel nesting islands (islands not constructed in 2011 due to USACE 404 permit issues).*
 - **Whooping Crane Riverine Habitat Experiment** – *Vegetation control in and adjacent to channel to maintain a range of unobstructed view widths above the Program’s minimums.*
 - **Riverine versus Off-Channel Tern and Plover Nesting** – *Monitor tern and plover use and productivity on Program riverine habitat and nearby off-channel sand & water nesting habitat (NPPD’s Blue Hole sandpit and Johnson Sandpit).*
 - **Flow-Sediment-Mechanical (FSM) Management Experiment** – *Implementation and effectiveness monitoring for Elm Creek FSM “proof of concept” experiment.*
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Species Habitat Priorities

- **Maintain Target Species Sand and Water Habitat** – *Create and maintain sand and water habitat for species through construction of in-channel nesting islands and vegetation control to maintain active channel width and unobstructed view widths.*
 - **Protecting Other Species of Concern** – *Identify presence of and determine methods to protect and/or benefit other species of concern while implementing land-related activities.*
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Operations and Maintenance Priorities

- ***Basic Property Maintenance Obligations and Needs*** – *Fulfill basic property ownership obligations and needs on Tracts 2009002 and 2009005.*
 - ***Agricultural Operations*** – *Oversight of grazing lessee on Tact 2009005.*
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Priority Area: General

Item(s): Complex Land Interest and Good Neighbor Policy

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC1	Coordination of Program land actions with neighboring landowners	1/1/12 – 12/31/12	BS	N/A	N/A

Priority Area: Adaptive Management & Target Species Habitat

Item(s): Tern, Plover and Whooping Crane Riverine Habitat Experiments

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC2	Nesting island construction	3/15/12 – 4/15/12	JF	\$50,000	LP-2
EC3	In-channel cross disking (below diversion) and overbank mowing to maintain active channel and unobstructed view widths	9/1/12– 10/1/12	TT	\$10,000	LP-2

Priority Area: Adaptive Management

Item(s): Flow-Sediment-Mechanical “Proof of Concept” Management Experiment

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC4	FSM “Proof of Concept” management experiment implementation design and monitoring	1/1/12 – 12/31/12	JF	\$203,185	IMRP-4

Priority Area: *Species Habitat*

Item(s): *Whooping Crane Grassland / Wet Meadow Habitat*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC5	Tract 2009002 Prescribed burn	3/15/12–4/7/12	TT	\$1,230	LP-2
EC6	Tract 2009005 Prescribed burn	3/15/12–4/7/12	TT	\$2,850	LP-2

Priority Area: *Species Habitat*

Item(s): *Other Species of Concern*

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC7	Habitat and species surveys on properties where work will occur	As Needed	DB	N/A	N/A
EC8	Coordination with USFWS and NGPC to identify and mitigate potential impacts associated with 2011 land activities	As Needed	TBD	N/A	N/A
EC9	Construction and installation of portable crane viewing blind	TBD	TBD	\$5,000	LP-2

Priority Area: Operations and Maintenance

Item(s): Basic Property Maintenance Obligations and Needs

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC10	Tract 2009002 fence and road maintenance	4/1/12 – 10/1/12	TT	\$3,000	LP-4
EC11	Tract 2009002 building utilities and maintenance	1/1/12 – 12/31/12	TT	\$3,000	LP-4
EC12	Tract 2009002 mowing	7/15/12 – 11/1/12	TT	\$1,500	LP-4
EC13	Tract 2009002 noxious weed control	6/1/12 – 8/31/12	TT	\$2,000	LP-4
EC14	Tract 2009005 fence and road maintenance	4/1/12 – 10/1/12	TT	\$3,000	LP-4
EC15	Tract 2009005 noxious weed control	6/1/12 – 8/31/12	TT	\$2,000	LP-4
EC16	Tract 2009005 mowing	7/15/12 – 11/1/12	TT	\$1,500	LP-4
EC17	FSM “Proof of Concept” in-channel disking treatments upstream of diversion	3/1/12 – 4/1/12	JF	\$10,000	LP-4

Priority Area: Operations and Maintenance

Item(s): Agricultural Operations

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
EC18	Tract 2009005 grazing lease oversight	5/15/11 - 10/15/11	TT	N/A	N/A

Personnel Responsibility Key:

BS – Bruce Sackett (Land Specialist)
DB – David Baasch (Wildlife Biologist)
TT – Tim Tunnell (Land Manager)
JB – Justin Brei (Biosystems Engineer)
JF – Jason Farnsworth (Technical Support Services)

Property Identification Key:

2009002 – PRRIP Bartels Tract
2009005 – PRRIP McCormick Tract

2012 Elm Creek Complex Budget Summary

Estimated 2012 Expenditures by Program Budget Line Item

Priority Area	Item	Budget Line Item	Estimated Expenditure
Adaptive Management & Species Habitat	Tern, Plover and Whooping Crane Habitat Experiments	LP-2	\$60,000
Species Habitat	<i>Whooping Crane Grassland / Wet Meadow Habitat</i>	LP-2	\$4,080
Species Habitat	<i>Other Species of Concern – Crane Viewing Blind</i>	LP-2	\$5,000
		Subtotal	\$69,080

Adaptive Management	FSM “Proof of Concept” Management Experiment	IMRP-4	\$203,185
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Operations and Maintenance	Property Maintenance Obligations and Needs	LP-4	\$26,000
		Total	\$298,265

Estimated 2012 Revenues

Priority Area	Item	Estimated Income
Operations and Maintenance	Tract 2009005 Grazing Lease Income	\$2,000



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2012 Fort Kearny Complex Annual Work Plan

Platte River Recovery Implementation Program

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General Priorities

- **Complex Land Interest** - Execute management agreements with conservation and private landowners that will allow the Program to implement necessary construction, maintenance and research/monitoring activities. Dispose of excess lands on tract 2009008.
 - **Good Neighbor Policy** – Conduct all actions in accordance with Program’s good neighbor policy.
 - **Operations and Maintenance Planning** – Development of operations and maintenance plans for Tracts 2010002 and 2010003.
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Adaptive Management Priorities

- **Tern and Plover Riverine Habitat Experiment** – Design of in-channel nesting islands and targeted tree clearing to increase distance to visual obstructions and predator roost habitat.
 - **Whooping Crane Riverine Habitat Experiment** – Design of vegetation clearing to provide a range of unobstructed view widths above the Programs minimums.
 - **Wet Meadow Restoration Construction on Tract 2009001** – Bidding and construction of wet meadow restoration on Tract 2009001.
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Species Habitat Priorities

- **Improve Target Species Sand and Water Habitat** – Increase available sand and water habitat for species through design and construction of tern and plover and whooping crane experiments, which will create habitat that meets Program criteria.
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- **Protecting Other Species of Concern** – Identify presence of and determine methods to protect and/or benefit other species of concern while implementing land-related activities.
 - **Reduce Known Threats to Target Species** – Mark NPPD transmission line that crosses channel near the TNC Speidell tract with bird flight diverters.
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Operations and Maintenance Priorities

- **Basic Property Maintenance Obligations and Needs** – Fulfill basic property ownership obligations and needs on Tracts 2008001, 2009001, 2009004, 2009008, 2010002, and 2010003.
 - **Agricultural Operations** – Oversight and expenses for sharecropping on Tracts 2009008. Development of grazing plan and oversight of grazing lease on Tract 2008001.
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Priority Area: General**Item(s): Complex Land Interest and Good Neighbor Policy**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK1	Execution of management agreements w/ other conservation and private landowners for in-channel research and habitat construction	1/1/11 – 6/30/11	BS	N/A	N/A
FK2	Coordination of Program land actions with neighboring landowners	1/1/12– 12/31/12	BS	N/A	N/A
FK3	Dispose of excess property at Tract 2009008	3/1/12 – 6/1/12	BS	N/A	N/A

Priority Area: Adaptive Management**Item(s): Tern, Plover and Whooping Crane Habitat Experiments**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK4	Habitat experiment experimental and engineering design, permitting (budget for permitting)	1/1/12 – 9/30/12	JF	\$25,000	PD-15
FK5	Pre-emergent herbicide application on Tract 2009008 and 2010002 nesting habitat.	3/1/12 – 4/1/12	TT	\$3,000	LP-2
FK6	Tract 2010003 tree removal	7/15/12–12/31/12	JB	\$20,000	LP-2

Priority Area: Adaptive Management**Item(s): Wet Meadow Restoration Design for Tract 2009001**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK7	Tract 2009001 wet meadow restoration construction	3/1/12 – 7/1/12	JB	\$300,000	PD-20
FK8	Tract 2009001 grassland seeding	9/1/12 – 12/1/12	TT	\$24,000	PD-20

Priority Area: Species Habitat**Item(s): Other Species of Concern**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK9	Habitat and species surveys on properties where work will occur	As Needed	DB	N/A	N/A
FK10	Coordination with USFWS and NGPC to identify and mitigate potential impacts associated with 2011 land activities	1/1/12 – 4/1/12	TBD	N/A	N/A

Priority Area: Species Habitat**Item(s): Reduce Known Threats to Target Species**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK11	Marking transmission line crossing near TNC Speidell tract with bird flight diverters	6/1/12 – 10/1/12	TT	\$38,000	LP-2
FK12	Tract 2009008 Install permanent woven wire predator fence on nesting peninsulas	1/1/2012-4/1/2011	TT	\$6,000	LP-2

Priority Area: Species Habitat**Item(s): Whooping Crane Grassland / Wet Meadow Habitat**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK13	Tract 2008001 Prescribe burn	3/15/12 – 4/7/12	TT	\$13,770	LP-2

Priority Area: Operations and Maintenance**Item(s): Basic Property Maintenance Obligations and Needs**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK14	Tract 2008001 boundary fence replace/repair, boundary signage	6/1/12 – 9/1/12	TT	\$15,000	LP-4
FK15	Tract 2008001 noxious weed control	6/1/12 – 8/31/12	TT	\$2,000	LP-4
FK16	Tract 2008001 shred dead woody vegetation on islands sprayed in 2009 & 2010	7/16/12- 9/15/12	TT	\$15,000	LP-4
FK17	Tract 2009001 noxious weed control	6/1/12 – 8/31/12	TT	\$1,000	LP-4
FK18	Tract 2009001 mowing along county road and northern 30 acres	8/15/12-9/15/12	TT	\$1,000	LP-4
FK19	Tract 2009004 noxious weed control	6/1/12 – 8/31/12	TT	\$1,000	LP-4
FK20	Tract 2009004 remove grain bins	1/1/12-4/10/2012	TT	\$1,000	LP-4
FK21	Tract 2009004 mowing along county road	8/15/11-9/15/11	TT	\$3,000	LP-4
FK22	Tract 2009008 noxious weed control	6/1/11 – 8/31/11	TT	\$2,000	LP-4
FK23	Tract 2010003 noxious weed control	6/1/12 – 8/31/12	TT	\$1,000	LP-4

Priority Area: Operations and Maintenance**Item(s): Agricultural Operations**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
FK24	Tract 2008001 grazing lease oversight	5/15/12-10/15/12	TT	N/A	N/A
FK25	Tract 2009008 oversight and input costs	5/1/12– 10/31/12	BS	\$28,000	LP-4

Personnel Responsibility Key:

BS – Bruce Sackett (Land Specialist)

DB – David Baasch (Wildlife Biologist)

TT – Tim Tunnell (Land Manager)

JF – Jason Farnsworth (Technical Support Services)

JB – Justin Brei (Biosystems Engineer)

Property Identification Key:

2008001 – SOW Wyoming Property

2009001 – PRRIP Fox Tract

2009004 – PRRIP Hostetler Tract

2009008 – PRRIP Broadfoot Newark Tract

2010002 – Broadfoot South Lease

2010003 – PRRIP Sherrard/Clark Easement

2012 Fort Kearny Complex Budget Summary

Estimated 2012 Expenditures by Program Budget Line Item

Priority Area	Item	Budget Line Item	Estimated Expenditure
Adaptive Management	Tern, Plover and Whooping Crane Experiment Permitting	PD-15	\$25,000
Adaptive Management & Species Habitat	Tern, Plover and Whooping Crane Experiments & Habitat Management	LP-2	\$80,770
Adaptive Management & Species Habitat	Wet Meadow Restoration Construction	PD-20	\$324,000
Operations and Maintenance	Property Maintenance Obligations and Needs	LP-4	\$42,000
Operations and Maintenance	Agricultural Operations	LP-4	\$28,000
		Subtotal	\$70,000
		Total	\$499,770

Estimated 2012 Revenues

Priority Area	Item	Estimated Income
Operations and Maintenance	Tract 2008001 Grazing Income	\$9,000
Operations and Maintenance	Tract 2009008 Crop share	\$60,000



PLATTE RIVER
RECOVERY IMPLEMENTATION PROGRAM

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2012 Shoemaker Island Complex Annual Work Plan

Platte River Recovery Implementation Program

For More Information Contact: Jerry F. Kenny, kennyj@headwaterscorp.com, (308) 237-5728

General Priorities

- **Restoration and Management Planning** – Development of restoration and management plan for Shoemaker Island Complex.
 - **Complex Land Interest** - Execute management agreements with conservation and private landowners that will allow the Program to implement necessary construction, maintenance and research/monitoring activities. Dispose of excess acres east of highway on Tract 2011001.
 - **Good Neighbor Policy** – Conduct all actions in accordance with Program’s good neighbor policy.
-

Adaptive Management Priorities

- **Tern and Plover Riverine Habitat Experiment** – Design and construction of in-channel nesting islands and targeted tree clearing to increase distance to visual obstructions and predator roost habitat on Tract 2010004.
 - **Whooping Crane Riverine Habitat Experiment** – Design and implement vegetation clearing to provide a range of unobstructed view widths above the Programs minimums on Tract 2010004.
 - **Riverine versus Off-Channel Tern and Plover Nesting** – Monitor tern and plover use and productivity on Program riverine habitat and nearby OCSW habitat.
 - **Flow-Sediment-Mechanical (FSM) Management Experiment** – Implementation design for FSM “proof of concept” management experiment at Shoemaker Island Complex.
-

Species Habitat Priorities

- **Improve Target Species Sand and Water Habitat** – Increase available sand and water habitat for species through design and construction of tern and plover and whooping crane experiments on Tract 2010004, and through construction of tern and plover and whooping crane habitat improvements on Tract 2011001 which will create habitat that meets Program criteria.
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- ***Cropland Restoration for Tract 2010004*** – Restoration of cropland acres on Tract 2010004 to benefit whooping cranes and other species of concern.
 - ***Protecting Other Species of Concern*** – Identify presence of and determine methods to protect and/or benefit other species of concern while implementing land-related activities.
-

Operations and Maintenance Priorities

- ***Basic Property Maintenance Obligations and Needs*** – Fulfill basic property ownership obligations and needs on Tracts 2010004 and 2011001.
 - ***Agricultural Operations*** – Oversight of grazing and haying leases on Tract 2010004.
-

NOTE: The budget section of this work plan only contains information for work items that are specific to this complex. As such, complex-specific research and monitoring actions are presented but system-scale actions like target species and geomorphology/vegetation monitoring are not.

Priority Area: General**Item(s): Complex Land Interest and Good Neighbor Policy**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 1	Restoration and Management Planning for Shoemaker Island Complex	1/1/12 – 4/1/12	TT	N/A	N/A
SI 2	Execution of management agreements w/ other conservation and private landowners for in-channel research and habitat construction activities	1/1/12 – 6/30/12	BS	N/A	N/A
SI 3	Dispose of excess acres on Tract 2011001	1/1/12– 5/31/12	BS	N/A	N/A
SI 4	Coordination of Program land actions with neighboring landowners	1/1/12– 12/31/12	BS	N/A	N/A

Priority Area: Adaptive Management**Item(s): Tern, Plover and Whooping Crane Habitat Experiments**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 5	Tract 2010004 Habitat experiment experimental and engineering design, Tract 2011001 engineering design, permitting and bidding (budget for permitting)	1/1/12 – 9/30/12	JB	\$25,000	PD-15
SI 6	Construction for habitat selection experiments and habitat improvements including tree and vegetation clearing and nesting island construction within channel on Tracts 2010004 and 2011001	1/1/12 – 12/31/12	JB	\$150,000	LP-2
SI 7	Pre-emergent herbicide application on Tract 2011001 nesting habitat.	3/1/12-4/1/12	TT	\$3,000	LP-2

Priority Area: Adaptive Management**Item(s): FSM Proof of Concept Management Experiment**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 8	Implementation design and monitoring for FSM proof of concept management experiment	3/1/12 – 12/1/12	JF	\$250,000	IMRP-5

Priority Area: Species Habitat**Item(s): Whooping Crane Grassland / Wet Meadow Habitat**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 9	Tract 2010004 Preliminary design of potential wet meadow/slough restoration north of Shoemaker Island Rd.	3/1/12 – 10/1/12	JB	N/A	N/A
SI 10	Tract 2010004 Prescribe burn-North unit	3/15/12 – 4/7/12	TT	\$11,520	LP-2
SI 11	Tract 2010004 Prescribe burn-South unit	3/15/12 – 4/7/12	TT	\$12,570	LP-2

Priority Area: Species Habitat**Item(s): Other Species of Concern**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 12	Habitat and species surveys on properties where work will occur	As Needed	DB	N/A	N/A
SI 13	Coordination with USFWS and NGPC to identify and mitigate potential impacts associated with 2011 land activities	1/1/12 – 4/1/12	TBD	N/A	N/A

Priority Area: Operations and Maintenance**Item(s): Basic Property Maintenance Obligations and Needs**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 14	Tract 2010004 boundary fence replace/repair, boundary signage	6/1/12 – 9/1/12	TT	\$50,000	LP-4
SI 15	Tract 2010004 noxious weed control	6/1/12 – 8/31/12	TT	\$5,000	LP-4
SI 16	Tract 2010004 livestock watering upgrades	1/3/12-5/1/12	TT	\$20,000	LP-4
SI 17	Tract 2011001 noxious weed control	6/1/12 – 8/31/12	TT	\$1,000	LP-4
SI 18	Tract 2011004 mowing	8/15/12-9/15/12	TT	\$1,500	LP-4
SI 19	Tract 2010004 Fence removal and road ditch tree clearing	7/15/12 – 8/15/12	TT	\$20,000	LP-4
SI 20	Tract 2011001 boundary fence construction on property line, boundary signage	7/15/12-10/1/12	TT	\$10,000	LP-4
SI 21	Tract 2011001 Morten building work	6/1/12 – 8/31/12	TT	\$5,000	LP-4

Priority Area: Operations and Maintenance**Item(s): Agricultural Operations**

No.	Activities for 2012	Target Dates	Person Responsible	Cost (Estimated)	Budget Line Item
SI 22	Tract 2010004 grazing, haying lease oversight	5/15/12-10/15/12	TT	N/A	N/A

Personnel Responsibility Key:

BS – Bruce Sackett (Land Specialist)

DB – David Baasch (Wildlife Biologist)

TT – Tim Tunnell (Land Manager)

JF – Jason Farnsworth (Technical Support Services)

JB – Justin Brei (Biosystems Engineer)

Property Identification Key:

2010004 – PRRIP Binfield Tract

2011001 – PRRIP Leaman Tract

2012 Shoemaker Island Complex Budget Summary

Estimated 2012 Expenditures by Program Budget Line Item

Priority Area	Item	Budget Line Item	Estimated Expenditure
Adaptive Management	Tern, Plover and Whooping Crane Experiment Permitting	PD-15	\$25,000
Adaptive Management & Species Habitat	Tern, Plover and Whooping Crane Experiments & Habitat Management	LP-2	\$177,090
Adaptive Management	FSM Proof of Concept Management Experiment	IMRP-5	\$250,000
Operations and Maintenance	Property Maintenance Obligations and Needs	LP-4	\$112,500
		Total	\$564,590

Estimated 2012 Revenues

Priority Area	Item	Estimated Income
Operations and Maintenance	Tract 2010004 Grazing and Haying Income	\$38,900