

## Summary of Elements

Alternative Element	Governance Committee (2006)	Governance Committee (2016 Actual)	Proposed 1 <sup>st</sup> Increment Extension Activities
<b>Program Water Supply</b>	<p>Pathfinder Modification Project EA</p> <p>Lake McConaughy EA</p> <p>Tamarack Project, Phase I</p> <p>Water Action Plan: 13 Conservation and Water Supply Activities</p>	<p>Currently provide approximately 90,000 acre-feet toward an average of 130,000-150,000 acre-feet per year at Grand Island.</p> <p>Pathfinder Modification Project EA - <b>Achieved</b></p> <p>Lake McConaughy EA - <b>Achieved</b></p> <p>Tamarack Project, Phase I - <b>Achieved</b></p> <p>Water Action Plan: 13 Conservation and Water Supply Activities – <b>Not Achieved</b></p>	<p>The Program will invest the resources available to achieve at least 120,000 acre-feet in annual reductions to target flow shortages as quickly as possible during the Extension and will also invest in the science necessary to determine if the additional 10,000 acre-feet is justified.</p> <p>Conservation and Water Supply Activities including:</p> <ul style="list-style-type: none"> <li>• Surface and groundwater leasing</li> <li>• Acquire and retire irrigation rights</li> <li>• Broad-scale recharge</li> <li>• Slurry wall storage</li> </ul>
<b>North Platte River Channel Capacity at North Platte, Nebraska</b>	<p>Safe channel capacity is restored to at least 3,000 cubic feet per second</p> <p>All Nebraska water leasing is located below Lake McConaughy to reduce peak irrigation demand by 500 cubic feet per second, reducing somewhat the flows moving through this river reach.</p>	<p>Safe channel capacity is restored to at least 3,000 cubic feet per second – <b>Not Achieved</b></p>	<p>Aggressively continue to implement channel conveyance improvements at North Platte choke point through efforts directed toward achieving and maintaining at least 3,000 cfs conveyance capacity, including:</p> <ul style="list-style-type: none"> <li>• In-channel vegetation control</li> <li>• Maintenance of State Channel berm</li> </ul>
<b>Capacity to Create Short- Duration Near-Bankfull Flows at the Habitat</b>	<p>Program develops capacity to move 5,000 cfs of Program water to Overton, Nebraska.</p>	<p><b>Not Achieved</b></p>	<p>Develop 5,000 cfs capacity by:</p> <ul style="list-style-type: none"> <li>• Water supply projects downstream of North Platte</li> <li>• Increasing safe channel capacity at North Platte to 3,000 cfs</li> </ul>
<b>Land Plan Focus</b>	<p>9,200 acres of habitat complexes. Emphasis on restoration of degraded habitat above Kearney. 800 acres of non-complex habitat. Substantial focus on widening river channel and offsetting channel downcutting.</p>	<p>Currently protect in excess of 12,000 acres – <b>Achieved</b></p>	<ul style="list-style-type: none"> <li>• Acquire an interest in at least an additional 1,500 acres of complex habitat with the intent of establishing a new habitat complex.</li> <li>• Manage lands acquired by PRRIP for the benefit of the target species and species of concern when not in conflict with the target species.</li> <li>• Conduct land management actions within the framework of the Land Plan and the AMP.</li> </ul>

## Summary of Anticipated Impacts of Proposed 1<sup>st</sup> Increment Extension Compared to the 2006 Governance Committee

Resources, Significant Indicators, and Geographic Areas	Description of Extension Impact on the 2006 GC Alternative
<b>Water</b>	
No Change	
<b>River Geomorphology</b>	
No Change	
<b>Water Quality</b>	
No Change	
<b>Central Platte River Vegetation Communities and Species Habitats</b>	
Land Cover Type Area	Slight decreases in agricultural lands and river channel woodlands and a slight increase in lowland grasslands and active river channel. All changes < 1%.
<b>Whooping Crane</b>	
No Change	
<b>Piping Plovers and Interior Least Terns</b>	
No Change	
<b>Pallid Sturgeon</b>	
No Change	
<b>Other Federally Listed Species</b>	
No Change	
<b>State Listed and Species of Special Concern</b>	
No Change	
<b>Sandhill Cranes</b>	
No Change	
<b>North Platte Fisheries</b>	
No Change	
<b>Lake McConaughy and Lake Ogallala Sport Fishery Analysis</b>	
No Change	
<b>Central Platte Fisheries</b>	
No Change	
<b>Hydropower</b>	
No Change	

Resources, Significant Indicators, and Geographic Areas	Description of Extension Impact on the 2006 GC Alternative
<b>Recreation in the Platte River Basin</b>	
No Change	
<b>Agricultural Economic Impacts</b>	
No Change	
<b>Primary Program Costs</b>	
Cost of Program elements which have environmental impacts and for which Program expenditures are required. This is not a total Program budget. <sup>1</sup>	Increase of \$58,673,106.
<b>Regional Economics</b>	
No Change	
<b>Social Environment</b>	
Land use changes in the Central Platte Habitat Area	Slight decreases in agricultural lands and river channel woodlands and a slight increase in lowland grasslands and active river channel. All changes < 1%.
<b>Cultural Resources</b>	
No Change	

<sup>1</sup> For example does not include administrative and staffing costs, or the cost of research and monitoring.