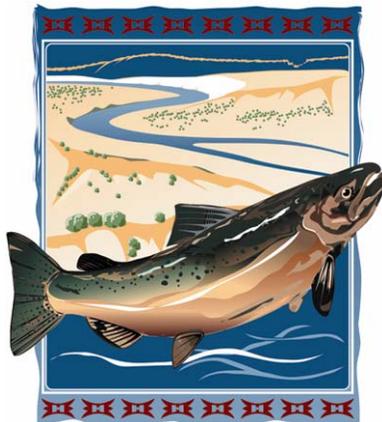


# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA



## REPORT

*A Collaborative Workshop:*

United States Fish & Wildlife Service  
The Conservation Breeding Specialist Group (SSC/IUCN)



A contribution of the IUCN/SSC Conservation Breeding Specialist Group in collaboration with the United States Fish & Wildlife Service.

The CBSG, SSC and IUCN encourage workshops and other fora for the consideration and analysis of issues related to conservation, and believe that reports of these meetings are most useful when broadly disseminated. The opinions and recommendations expressed in this report reflect the issues discussed and ideas expressed by the participants in the workshop and do not necessarily reflect the opinion or position of the CBSG, SSC, or IUCN.

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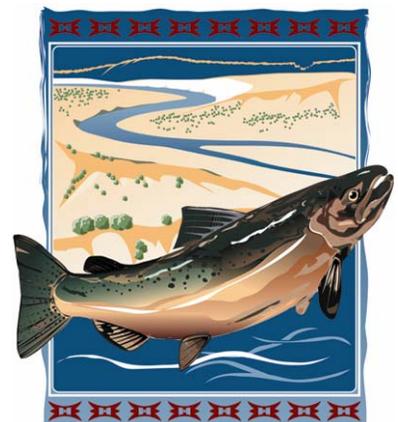


# Hanford Reach National Monument Planning Workshop III

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## REPORT

### Section 1 Executive Summary





# Executive Summary

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## A. Introduction and Workshop Process

### Introduction to Comprehensive Conservation Planning

This workshop is the third of three designed to contribute to the Comprehensive Conservation Plan (CCP) of Hanford Reach National Monument. The Plan is a required element of the National Wildlife Refuge Improvement Act of 1997 which states that all refuges will be managed in accordance with an approved CCP that when implemented will achieve the mission of the National Wildlife Refuge System (System) and the Refuge purpose.

The National Wildlife Refuge System was created to conserve fish, wildlife, and plants and their habitats and this conservation mission will be facilitated by providing Americans opportunities to participate in compatible wildlife-dependent recreation (National Wildlife Refuge Improvement Act of 1997). For the purposes of the Act:

- (1) The term ‘compatible use’ means a wildlife-dependent recreational use or any other use of a refuge that, in the sound professional judgment of the Director, will not materially interfere with or detract from the fulfillment of the mission of the System or the purposes of the Refuge.
- (2) The terms ‘wildlife-dependent recreation’ and ‘wildlife-dependent recreational use’ mean a use of a refuge involving hunting, fishing, wildlife observation and photography, or environmental education and interpretation.

### The Mission of the System

“The Mission of the System as defined by the Improvement Act is to administer a national network of lands and waters for the conservation, management and, where appropriate, restoration of the fish, wildlife and plant resources and their habitats within the United States for the benefit of present and future generations of Americans.”

### Hanford Reach National Monument and its Purpose

The Hanford Reach National Monument (Monument) encompasses approximately 195,000 acres, of which approximately 166,000 acres are currently managed by the U.S. Fish and Wildlife Service (Service) as the Saddle Mountain National Wildlife Refuge under its authority pursuant to the National Wildlife Refuge System Administration Act, as amended (16 U.S.C. § 668dd-ee), and through agreements with the DOE. The entire Monument is superimposed over a portion of the 375,040-acre DOE Hanford Site, in Richland, Washington. The Washington State Department of Fish and Wildlife (WDFW) administers 800 acres of the Monument through a permit with the DOE. The DOE administers the remaining acreage and currently retains primary ownership or control on all acreage. The Service-managed acreage within the Monument area is part of the National Wildlife Refuge System under permits and agreements with the DOE. By Federal law, all lands within the National Wildlife Refuge System are to be managed in a manner consistent with an approved CCP. The Service is the lead agency for planning and management

of the Monument and development of the CCP. Service planning for Monument lands is subject to review and approval by the DOE.

The Monument is divided into six administrative units: 1) Wahluke Unit encompassing 57,000 acres of riparian and shrub-steppe habitats; 2) Fitzner/Eberhardt Arid Lands Ecology Reserve Unit which is a 77,000-acre unit on the southwest side of the Columbia River, including Rattlesnake Mountain; 3) Saddle Mountain Unit, 32,000-acres made up of dense stands of sagebrush; 4) McGee Ranch/Riverlands Unit, encompassing 9,000 acres and including a former pioneer ranch area and rare plants such as Umtanum buckwheat which exists nowhere else in the world; 5) Vernita Bridge Unit, approximately 800 acres along the Columbia River northwest of the Vernita bridge administered by WDFW; and 6) River Corridor Unit, encompassing 25,000 acres on the south and west banks of the Columbia River, including the Columbia River Islands, and Hanford Dune Field. Of the total 195,000 acres within the Monument, 60,000 acres and 45 miles of the Columbia River are currently open to the public.

The purpose for establishment of the Monument is defined in Presidential Proclamation 7319 (2000). The Monument was established to conserve a unique and biologically diverse landscape, encompassing an array of scientific and historic objects. The six units described above functioned historically as protective buffer zones surrounding the Hanford Site. They encompass some of the most pristine shrub-steppe habitat in the Columbia Basin. In addition to the sagebrush/grassland communities, a host of forbs, grasses, wetland and riparian plants and fragile microbiotic soil crusts have been preserved. Several sensitive species and rare plants such as the White Bluffs bladderpod and Umtanum desert buckwheat exist in the Monument. The Monument provides habitat for a wide variety of wildlife, including mule deer, elk, beaver, coyote, waterfowl and upland birds, and raptors as well as migratory and non-migratory fish. In addition to species that reside on the Monument year round, migrating salmon, birds, and hundreds of other native plant and animal species rely on the Monument's natural ecosystem. In addition to its natural and historic resources, the area contains one of the most extensive, intact, American Indian occupation and traditional use areas in the region. The diversity, density, and preservation of these sites is unparalleled in the Pacific Northwest. The Monument also contains historic structures and other remains from more recent human activities, including homesteads from small towns established along the riverbanks in the early 20th century.

### **Introduction to the Workshop**

This workshop was organized to assist the Hanford Reach National Monument staff and the U.S. Fish and Wildlife Service (USFWS) continue the CCP process by building on the first workshop, which developed a vision for the future of the Monument and crafted management goals, and the second workshop, which identified alternatives for future management, and created draft objectives for reaching the goals.

Participants were invited from a variety of organizations including representatives from the U.S. Fish and Wildlife Service, (Washington DC Office, Regional Office, Hanford Reach National Monument), Department of Energy, Federal Advisory Committee members, Washington Department of Fish and Wildlife, Pacific Northwest National Laboratory, U.S. Army Corps of Engineers, Bonneville Power Administration, County Commissioners and Administrators, The

Nature Conservancy, local public, Native American Tribes and individuals and organizations that had expressed interest (See Appendix III).

The goals of this workshop were to: 1) produce a set of final draft objectives for each of the three action alternatives and make sure they are consistent with the Monument proclamation, vision and goals, and 2) map the objectives that are spatial in nature. This report presents the results of the enormous amount of effort and energy the participants contributed to the workshop. It is important to note that this is the final workshop in a three-workshop process. The results presented here are preliminary and subject to review and revision based on review by the Federal Advisory Committee and the Fish and Wildlife Service and will become the core material for writing the Comprehensive Conservation Plan for the Monument. The participants in this process were incredibly committed to the results, with over half of the group attending all three workshops. This contributed to continuity from workshop to workshop, creativity and richness of the final product and buy in from the diverse group of stakeholders present.

### **Workshop Process**

The workshop was organized at the request of the Pacific Northwest Regional Office (Region 1) of the U S Fish and Wildlife Service (Service) in collaboration with the Conservation Breeding Specialist Group (CBSG) of the Species Survival Commission of the World Conservation Union. To assure credible, fair, and independent conduct of the workshop and of the workshop results, CBSG was requested to design the workshop process, provide facilitation for the workshop, and to assemble and edit the report. Editing of the draft report was done with the assistance of the workshop participants. Outside review by non-participants was not part of the process. No content changes were made by the editors and the participants checked that accurate presentations were made of the work they had done during the workshop.

The workshop was conducted June 17-19, 2003 in Richland, WA. This site was chosen because it is near the Hanford Reach National Monument and allows easy access to the workshop by invited members of the local community. The workshop extended over 2 ½ days. There were 41 participants with most present the entire duration of the workshop. This provided for sustained interactions and the benefit of full attention to the goals and process of the workshop. Participants in the workshop were divided into five groups, identified as Group 1, Group 2, etc., throughout this report. Groups were assigned with an effort to have members from different organizations and the public distributed evenly throughout.

The CBSG team designed a planning process to achieve the organizer's stated outcomes identified for the workshop. The intent was that the information and analysis generated and agreed upon in this and the two earlier workshops will become the core material for development of the Hanford Reach National Monument CCP. The three workshop series resulted in a vision, goals, alternatives, and objectives for the Monument.

## Objectives

According to 602 FW 1.6 and the Goals and Objectives Handbook, an objective is a concise statement of what we want to achieve, how much we want to achieve, when and where we want to achieve it, and who is responsible for the work. Objectives derive from goals and provide the basis for determining strategies, monitoring refuge accomplishments, and evaluating the success of strategies. Each working group was responsible for developing objectives for all goals across all alternatives and then, if time allowed, applying the SMART criteria to each objective making it attainable, time-specific, and measurable.

For the first day and a half of the workshop, the participants split into five working groups, each with varied stakeholder representation. Each group started by reviewing the objectives of all of the goals from the previous workshop. Then they revised the objectives and wrote new ones where needed based on changes to the alternatives made by FWS and the Federal Advisory Committee between workshops. For more detail on these objectives see Section 3.

On the afternoon of the second day, the groups changed. Seven synthesis groups were formed, each comprised of one person from each of the original working group. Each synthesis group was assigned 1-3 goals and tasked with integrate the concepts to produce one set of objectives for each alternative. These synthesized objectives were then presented to and discussed in detail by the large group in plenary. The result of this work can be found on the next page. These are the final draft objectives from this three-workshop series, although they are still subject to change by the Fish and Wildlife Service and the FAC before they are included in the final CCP document. Comments made about these objectives in the final plenary can be found at the end of Section 3.

## Synthesized Final Draft Objectives

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><i>Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin.</i></p>			
	<p>1. Using existing inventories identify data gaps and direct additional inventorying to fill those gaps. Place highest priority on those areas with an imminent threat (such as planned and existing public use areas, research areas) and areas with rare or sensitive species.</p> <p><i>Strategy Note: Recommend vegetation mapping using protocol developed by YTC for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Using science-based site planning, select biologically diverse conservation targets do threats analysis and develop threat abatement strategies.</p> <p>3. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats and write an integrated pest management plan for invasive plant species within one year. Write an integrated pest management plan for all other invasive species</p>		

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>within 2 years. Continue existing treatment activities and implement a long-term treatment and monitoring program based on IPM plan.</p> <p><i>Strategy note: Strategies include adequate levels of staffing, materials, and equipment needs.</i></p> <p>4. Develop and implement an adaptable habitat management plan within 5 years that uses indicators of ecological integrity to ensure the viability of the Monument's biodiversity.</p> <p><i>Strategy notes:</i> <i>Restore native plants for Native Americans</i></p> <p><i>Interim plan within 2 years, long-term within 5 years, review period every 5 years.</i></p> <p><i>Identify critical areas for protection and prioritize areas with high quality characteristics for restoration projects.</i></p> <p><i>The plan should not use a prescription-based model but rather a performance-based model</i></p> <p><i>IPM plan should be linked to HMP</i></p>		

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>5. Within prioritized areas, restore, enhance, and maintain the structure and function of the Monument’s biological communities within the natural range of variability found in pre-European settlement times.</p> <p><i>Strategy notes:</i>  <i>This is a long-term goal; a garden is never done</i></p> <p><i>Establish a native seed collection, nursery, and storage program.</i></p> <p>*Synthesis group suggested omitting this part (have an expert group work on it):            Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i>  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on</i></p>		

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p><i>reintroduction of species.</i></p> <p>6. Develop and implement monitoring plans that contribute to management decisions, and evaluate monitoring results. Monitoring will be comprehensive but more intensive in use, threat and restoration areas. Use monitoring results to modify management actions (adaptive management).</p> <p><i>Strategy Notes: Incorporates/provides data or information on restoration efforts, ecosystem health, wildlife populations, and user impacts.</i></p> <p><i>Periodic baseline monitoring for ecological understanding</i></p> <p><i>Public use monitoring.</i></p> <p><i>Monitoring would need to assess success of restoration projects, trends of plant and animal communities, (and be coordinated with fire and other resource programs).</i></p> <p>7. Within 1 year of CCP completion, USFWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the</p>		

Alternative A Current Management	Alternative B Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C Conservation of Proclamation Resources With Concentration of Facilities	Alternative D Conservation of Proclamation Resources With a Public Use Emphasis
	integrity of the White Bluffs and Locke Island.		
<i>Goal 2. Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.</i>			
	<ol style="list-style-type: none"> <li>1. In cooperation with other stakeholders evaluate existing research and monitoring data for all aquatic and riparian habitats and identify gaps and research needs within 1 year.</li> <li>2. Based on data gap analysis, conduct coordinated inventory and develop monitoring plan for native and non-native fish, especially fall Chinook within 3 years.</li> <li>3. Share existing research, inventories, and monitoring data in river management and fish management forums on an ongoing basis to determine appropriate management and research actions.</li> <li>4. Continue working cooperatively with land managers to reduce impacts of land-based activities (e.g. white bluff sloughing, human impacts) on the aquatic environment.</li> <li>5. Develop and implement a monitoring plan to assess the effects of water quality, quantity and flow on</li> </ol>	<ol style="list-style-type: none"> <li>1. same</li> <li>2. same</li> <li>3. same</li> <li>4. same</li> <li>5. same</li> </ol>	<ol style="list-style-type: none"> <li>1. same</li> <li>2. same</li> <li>3. same</li> <li>4. same</li> <li>5. same</li> </ol>

<p align="center"><b>Alternative A</b></p> <p align="center"><b>Current Management</b></p>	<p align="center"><b>Alternative B</b></p> <p align="center"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p align="center"><b>Alternative C</b></p> <p align="center"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p align="center"><b>Alternative D</b></p> <p align="center"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>aquatic communities including invertebrates and aquatic plants in river, lakes, ponds and springs, within 2 years.</p> <p><i>Strategy note: conduct an impact analysis</i></p> <p>6. Conduct baseline inventory of riparian plants and animals including waterfowl, colony-nesting waterbirds, and bald eagles, and others within 3 years.</p> <p>7. Prioritize riparian and aquatic areas for restoration projects and implement program within 5 years.</p> <p>8. Monitor restoration effectiveness and population trends in riparian plant and animal communities.</p> <p><i>Strategy note: remove non-native species</i></p>	<p>6. same</p> <p>7. same</p> <p>8. same</p>	<p>6. same</p> <p>7. Note: restoration could proceed more rapidly here to increase stocks of game critters.</p> <p>8. same</p>
<p><b><i>Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats</i></b></p>			
	<p>1. Enhance Monument resources by establishing working groups of interested, involved agencies and stakeholders to identify habitats with high potential to benefit from connectivity within 1 year.</p>		

<p align="center"><b>Alternative A</b></p> <p align="center"><b>Current Management</b></p>	<p align="center"><b>Alternative B</b></p> <p align="center"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p align="center"><b>Alternative C</b></p> <p align="center"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p align="center"><b>Alternative D</b></p> <p align="center"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>a). Work with other partners to annually protect at least an additional 10% of identified habitats. Note that COE may be an appropriate partner.</p> <p>b). Identify funding needs and opportunities for habitat protection, within 2 years.</p> <p>c). As an ongoing activity meet with identified adjacent landowners and managers annually to discuss common habitat/management objectives and future possibilities.</p> <p>2. Identify species that could benefit from connectivity.</p>		
<p><b><i>Goal 4. Protect the distinctive geological and paleontological resources of the Monument.</i></b></p>			
	<p>1. Identify, evaluate and prioritize distinctive G/P resources within 5 years.</p> <p>a). Conduct a structured, scientific inventory and fill data gaps</p> <p>2. Conduct threats analysis, design within 3 year and implement a threat abatement strategy that focuses on active protection and restoration</p>	<p>1. Identify, evaluate and prioritize distinctive G/P resources within 5 years.</p> <p>a). Conduct a structured, scientific inventory and fill data gaps.</p> <p>2. Conduct threats analysis, design within 2 years and implement a threat abatement strategy that focuses On stabilizing critical resource sites</p>	<p>1. Identify, evaluate and prioritize distinctive G/P resources within 5 years.</p> <p>a). Conduct a structured, scientific inventory and fill data gaps.</p> <p>2. Conduct threats analysis, design within one year and implement a threat abatement strategy that focuses Monitoring and minimizing human</p>

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	<p>within 10 years.</p> <p>a). Establish a policy on obtaining G/P clearance. b). Annual monitoring</p> <p>3. Continue to participate in and promote efforts to achieve long-term resolution to White Bluffs degradation.</p> <p>4. Establish cooperative programs partnerships with G/P interest groups and agencies (IAFI, USGS, etc.) within 2 years.</p>	<p>within 7 years.</p> <p>a). Establish a policy on obtaining G/P clearance. b). Semi-annual monitoring</p> <p>3. Continue to participate in and promote efforts to achieve long-term resolution to White Bluffs degradation.</p> <p>4. Establish cooperative programs partnerships with G/P interest groups and agencies (IAFI, USGS, etc.) within 2 years.</p>	<p>impacts within 5 years.</p> <p>a). Establish a policy on obtaining G/P clearance. b). Quarterly monitoring</p> <p>3. Continue to participate in and promote efforts to achieve long-term resolution to White Bluffs degradation.</p> <p>4. Establish cooperative programs partnerships with G/P interest groups and agencies (IAFI, USGS, etc.) within 2 years.</p>
<p><b><i>Goal 5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area's past.</i></b></p>			
	<p>1. Develop and implement a cultural/historical resource management plan with stakeholder and Tribal involvement within 5 years.</p> <p>a). Obtain, Review and evaluate existing cultural/historical resource databases within 2 years. a.1) Participate in the collection of oral histories on Pre-Hanford, Manhattan Project ASAP. a.2) Identify data gaps and survey a minimum of 1,000 acres a year beginning within</p>	<p>1. Develop and implement a cultural/historical resource management plan with stakeholder and Tribal involvement within 5 years.</p> <p>a). Obtain, Review and evaluate existing cultural/historical resource databases within 2 years. a.1) Participate in the collection of oral histories on Pre-Hanford, Manhattan Project ASAP. a.2) Identify data gaps and survey a minimum of 1,000 acres a year beginning within 2</p>	<p>1. Develop and implement a cultural/historical resource management plan with stakeholder and Tribal involvement within 5 years.</p> <p>a). Obtain, Review and evaluate existing cultural/historical resource databases within 2 years. a.1) Participate in the collection of oral histories on Pre-Hanford, Manhattan Project ASAP. a.2) Identify data gaps and survey a minimum of 2,000 acres a year beginning within 2</p>

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	<p align="center">2 years.</p> <p>b). Monitor critical National Register eligible sites semi-annually.</p> <p>c). Develop and maintain agreements on cultural resources between the USFWS, other agencies, stakeholders and Tribes within 5 years.</p> <p>d). Develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement within 3 years.</p> <p>e). Note: (Issue of treaty rights, access and use will be addressed through government-to-government consultation. Restoration may be a strategy under habitat goal for traditional foods and medicine).</p> <p>f). Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with affected tribes within 5 years</p>	<p align="center">years with emphasis on visitor use areas.</p> <p>b). Monitor critical National Register eligible sites quarterly with emphasis on visitor use areas.</p> <p>c). Develop and maintain agreements on cultural resources between the USFWS, other agencies, stakeholders and Tribes within 5 years.</p> <p>d). Develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement within 2 years.</p> <p>e). Note: (Issue of treaty rights, access and use will be addressed through government-to-government consultation. Restoration may be a strategy under habitat goal for traditional foods and medicine).</p> <p>f). Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with affected tribes within 5 years.</p>	<p align="center">years with emphasis on visitor use areas.</p> <p>b). Monitor critical National Register eligible sites quarterly with emphasis on visitor use areas and increased law enforcement.</p> <p>c). Develop and maintain agreements on cultural resources between the USFWS, other agencies, stakeholders and Tribes within 5 years.</p> <p>d). Develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement within one year.</p> <p>e). Note: (Issue of treaty rights, access and use will be addressed through government-to-government consultation. Restoration may be a strategy under habitat goal for traditional foods and medicine).</p> <p>f). Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with affected tribes within 5 years.</p>
<p><b><i>Goal 6. Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.</i></b></p>			
<p>We assume that all of the natural and cultural resources will go through an identification, classification, and</p>	<p>1. Identify, classify, and map existing and potential educational and interpretive resources.</p>	<p>1. Identify, classify, and map existing and potential educational and interpretive resources.</p>	<p>1. Identify, classify, and map existing and potential educational and interpretive resources.</p>

<p align="center"><b>Alternative A</b></p> <p align="center"><b>Current Management</b></p>	<p align="center"><b>Alternative B</b></p> <p align="center"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p align="center"><b>Alternative C</b></p> <p align="center"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p align="center"><b>Alternative D</b></p> <p align="center"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p>mapping process.</p>	<p>2. Analyze local and eco-regional interpretive programs to determine visitor desires and existing opportunities.</p> <p>3. Design and initiate educational and interpretive programs based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Education and interpretation programs limited to off-site audiences and managed on-site activities. Emphasize off-site interpretation with in-school, public forum, and visitor center education programs. Completion in a time frame of one year.</p>	<p>2. Analyze local and eco-regional interpretive programs to determine visitor desires and existing opportunities.</p> <p>3. Design and initiate educational and interpretive programs based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Provide moderate access to onsite areas defined by interpretation plan, providing guided tours and limiting self-guided trails to less than two miles highlighting representative Monument features. (Note: beginning with appropriate existing roads and trails) Emphasize off-site interpretation with in-school, public forum, and visitor center education programs. Complete in a time frame of three years.</p>	<p>2. Analyze local and eco-regional interpretive programs to determine visitor desires and existing opportunities.</p> <p>3. Design and initiate educational and interpretive programs based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Provide expanded access to a wide range of on-site features and exposure to the monument by self-guided trails, kiosks and interpretive locations on and off site, cassette tape tours and outdoor classrooms. Encourage education, visitation, and participation in monument programs, both on and off site. Completion in a time frame of five to seven years.</p>
<p><b><i>Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.</i></b></p>			
<p>Current Hunting: waterfowl, upland bird, big game in Wahluke</p>	<p>1. Complete a recreation suitability analysis for all Monument areas to identify access zones and compatible activities within 1 year.</p> <p><i>Strategies for the analysis*</i> *Zone Concept: Zones 1 - V are</p>	<p>1. Complete a recreation suitability analysis for all Monument areas to identify access zones and compatible activities within 1 year.</p> <p><i>Strategies for the analysis* Zone Concept: Zones 1 - V are identified</i></p>	<p>1. Complete a recreation suitability analysis for all Monument areas to identify access zones and compatible activities within 1 year.</p> <p><i>Strategies for the analysis* Zone Concept: Zones 1 - V are identified</i></p>

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	<p><i>identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class I. For example:</i>  <i>Level I= existing development such as highways, Vernita Rest stop</i>  <i>Level II= disturbed areas such as Riverlands, white area in BRMP</i>  <i>Level III= gray area in BRMP such as</i>  <i>Level IV= most of ALE</i>  <i>Level V = Umptanum desert buckwheat population, prehistoric burial sites</i>  <i>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services plan within 2 years. The plan will be developed with public review and input.</p> <p><i>Strategy: Ensure the visitor services plan incorporates the following concepts:</i></p> <ul style="list-style-type: none"> <li>a) monitoring and adaptive management</li> <li>b) transportation needs and implications towards visual resources and solitude, considering</li> </ul>	<p><i>based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class I. For example:</i>  <i>Level I= existing development such as highways, Vernita Rest stop</i>  <i>Level II= disturbed areas such as Riverlands, white area in BRMP</i>  <i>Level III= gray area in BRMP such as</i>  <i>Level IV= most of ALE</i>  <i>Level V = Umptanum desert buckwheat population, prehistoric burial sites</i>  <i>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services plan within 2 years. The plan will be developed with public review and input.</p> <p><i>Strategy: Ensure the visitor services plan incorporates the following concepts:</i></p> <ul style="list-style-type: none"> <li>a) monitoring and adaptive management</li> <li>b) transportation needs and implications towards visual resources and solitude,</li> </ul>	<p><i>based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class I. For example:</i>  <i>Level I= existing development such as highways, Vernita Rest stop</i>  <i>Level II= disturbed areas such as Riverlands, white area in BRMP</i>  <i>Level III= gray area in BRMP such as</i>  <i>Level IV= most of ALE</i>  <i>Level V = Umptanum desert buckwheat population, prehistoric burial sites</i>  <i>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services plan within 2 years. The plan will be developed with public review and input.</p> <p><i>Strategy: Ensure the visitor services plan incorporates the following concepts:</i></p> <ul style="list-style-type: none"> <li>a) monitoring and adaptive management</li> <li>b) transportation needs and implications towards visual resources and solitude, considering</li> </ul>

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	<p>alternative forms of transportation in conjunction with the infrastructure plan addressed in Goal 13</p> <p>c) visitor survey to determine quality of experience by activity, season and area within the Monument and their perception of resource protection and Monument management</p> <p>d) law enforcement needs</p> <p>3. Determine carrying capacity of Monument lands and use results to develop a user permit plan for Commercial vendors on Monument lands within one year. Commercial vendor activities must be compatible with resource protection and high quality recreation experience.</p> <p>4. Develop an education program on proper recreational use practices for the protection of Monument resources.</p> <p><i>*Strategy: Use or model education program after LNT program and provide information at all access points.</i></p>	<p>considering alternative forms of transportation in conjunction with the infrastructure plan addressed in Goal 13</p> <p>c) visitor survey to determine quality of experience by activity, season and area within the Monument and their perception of resource protection and Monument management</p> <p>d) law enforcement needs</p> <p>3. Determine carrying capacity of Monument lands and use results to develop a user permit plan for Commercial vendors on Monument lands within one year. Commercial vendor activities must be compatible with resource protection and high quality recreation experience.</p> <p>4. Develop an education program on proper recreational use practices for the protection of Monument resources.</p> <p><i>*Strategy: Use or model education program after LNT program and provide information at all access points.</i></p>	<p>alternative forms of transportation in conjunction with the infrastructure plan addressed in Goal 13</p> <p>c) visitor survey to determine quality of experience by activity, season and area within the Monument and their perception of resource protection and Monument management</p> <p>d) law enforcement needs</p> <p>3. Determine carrying capacity of Monument lands and use results to develop a user permit plan for Commercial vendors on Monument lands within one year. Commercial vendor activities must be compatible with resource protection and high quality recreation experience.</p> <p>4. Develop an education program on proper recreational use practices for the protection of Monument resources.</p> <p><i>*Strategy: Use or model education program after LNT program and provide information at all access points.</i></p>
<p><b>Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.</b></p>			
	<p>1. Complete inventory of visual</p>	<p>1. Complete inventory of visual</p>	<p>1. Complete inventory of visual</p>

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>resources and determine a range of visual classes from low to high sensitivity.</p> <p>2. In cooperation with impacted agencies and governments, develop a visual resources management plan incorporating objectives and design standards for structures and utilities <i>that reduce visual intrusion</i> on the Monument.</p> <p>3. Build partnerships with air quality regulators to keep air clean to maintain aesthetics.</p> <p>4. Inventory and evaluate all residual research materials and structures within 1 years of the plan being completed and remove as appropriate.</p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA-special permits could be required for all other flights).</p> <p>6. The FWS will actively participate in planning efforts for off-site projects</p>	<p>resources and determine a range of visual classes from low to high sensitivity.</p> <p>2. In cooperation with impacted agencies and governments, develop a visual resources management plan incorporating objectives and design standards for structures and utilities <i>that reduce visual intrusion</i> on the Monument.</p> <p>3. Build partnerships with air quality regulators to keep air clean to maintain aesthetics.</p> <p>4. Inventory and evaluate all residual research materials and structures within 1 years of the plan being completed and remove as appropriate.</p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA-special permits could be required for all other flights).</p> <p>6. The FWS will actively participate in planning efforts for off-site projects</p>	<p>resources and determine a range of visual classes from low to high sensitivity.</p> <p>2. In cooperation with impacted agencies and governments, develop a visual resources management plan incorporating objectives and design standards for structures and utilities <i>that reduce visual intrusion</i> on the Monument.</p> <p>3. Build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>4. Inventory and evaluate all residual research materials and structures within 1 years of the plan being completed and remove as appropriate.</p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA-special permits could be required for all other flights).</p> <p>6. The FWS will actively participate in planning efforts for off-site projects</p>

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	<p>that affect the Monument viewshed or solitude.</p> <p><i>*participate in other organization's NEPA or SEPA processes.</i></p> <p><i>*White Bluffs issue (within 5 years of USGS study)</i></p> <p>7. Develop noise limits within the Monument.</p>	<p>that affect the Monument viewshed or solitude.</p> <p><i>*participate in other organization's NEPA or SEPA processes.</i></p> <p><i>*White Bluffs issue (within 5 years of USGS study)</i></p> <p>7. Develop noise limits within the Monument.</p>	<p>that affect the Monument viewshed or solitude.</p> <p><i>*participate in other organization's NEPA or SEPA processes.</i></p> <p><i>*White Bluffs issue (within 5 years of USGS study)</i></p> <p>7. Develop noise limits within the Monument.</p>
<p><b>Goal 9 Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.</b></p>			
	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for data collection (e.g. artifacts, oral history, etc.), inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for data collection, (e.g. artifacts, oral history, etc.), inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for data collection, (e.g. artifacts, oral history, etc.), inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>

Alternative A Current Management	Alternative B Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C Conservation of Proclamation Resources With Concentration of Facilities	Alternative D Conservation of Proclamation Resources With a Public Use Emphasis
	<p>a. Use existing DOE/Tribal Inadvertent Discovery Plan</p> <p><i>Note: Specified Campsites – strategy employed to meet treaty rights</i> <i>Note: Address the Treaty in the Preamble of the Plan</i></p> <p><i>Note: Need to keep goal 9 in to remind managers of their commitment.</i></p>	<p><i>Note: Specified Campsites – strategy employed to meet treaty rights</i></p> <p><i>Note: Need to keep goal 9 in to remind managers of their commitment</i></p>	<p><i>Note: Specified Campsites – strategy employed to meet treaty rights</i></p> <p><i>Note: Need to keep goal 9 in to remind managers of their commitment</i></p>
<p><b>Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.</b></p>			
<p><i>Note: Moved community and neighbor partnerships from this goal to goal 6. Need to do something to address partnerships with neighboring landowners.</i></p> <p><i>Note: Objectives 3 and 4 are strategies for Goal 6 as amended with the community partnerships</i></p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>a). Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>b). Establish on-site community-based outreach program within one</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>a). Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>b). Establish on-site community-based outreach program within</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>a). Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>b). Establish on-site community-based outreach program within one</p>

Alternative A Current Management	Alternative B Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C Conservation of Proclamation Resources With Concentration of Facilities	Alternative D Conservation of Proclamation Resources With a Public Use Emphasis
	year of completion of CCP.	one year of completion of CCP.	year of completion of CCP.
<b>Goal 11. Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.</b>			
	<p>1. Establish a research and monitoring program to study the natural, physical and cultural resources that will contribute data to the management on the Monument. Completion within three to five years. <i>(note: identify data gaps as a strategy)</i></p> <p>2. Research emphasis will be on proclamation resources.</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p><i>Note: they would also have to make sure they don't clean up Cultural Resources (working group 5 had wording for this)</i></p> <p>5. Student involvement in field</p>	<p>1. Establish a research and monitoring program to study the natural, physical and cultural resources that will contribute data to the management on the Monument. Completion within three to five years. <i>(note: identify data gaps as a strategy)</i></p> <p>2. Provide for a wide range of research relevant to Monument resources.</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p><i>Note: they would also have to make sure they don't clean up Cultural Resources (working group 5 had wording for this)</i></p> <p>5. Emphasize field studies by students</p>	<p>1. Establish a research and monitoring program to study the natural, physical and cultural resources that will contribute data to the management on the Monument. Completion within three to five years. <i>(note: identify data gaps as a strategy)</i></p> <p>2. Provide for a wide range of research relevant to Monument resources with an emphasis on visitor services (impacts and experiences).</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p><i>Note: they would also have to make sure they don't clean up Cultural Resources (working group 5 had wording for this)</i></p> <p>5. Emphasize field studies by students</p>

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	<p>research would predominantly be university graduate students.</p>	<p>from all grade levels and university.</p>	<p>from all grade levels and university.</p>
<p><i>Goal 12: Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.</i></p>			
	<p>1. Within 5 years reconcile the fire management plan with CCP goals and agency policy, update annually after implementation.</p> <p>2. Create and implement a fire management education and prevention program.</p> <p><i>Strategies: Emphasis in alternative B and C will be mainly offsite and focus on the role of fire in the landscape while alternative D will focus on both offsite and onsite educational opportunities focusing on the destructive potential of fire and public safety.</i></p> <p>3. Continue to suppress all fires and keep them to the smallest acreage that is consistent with public and fire fighter safety and resource management objectives.</p> <p><i>Strategies: Consider systematic fuelbreak program</i></p> <p>4. Continue to use prescribed fire to</p>		

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	<p>accomplish resource management objectives.</p> <p>5. Continue to reduce hazardous fuels on the monument by appropriate means.</p> <p><i>Strategies: Prescribed burning, mechanical, chemical or other such as baling tumbleweeds.</i></p> <p>6. Identify baseline fire facility, equipment and staffing needs. Due to access challenges associated with the Columbia River bisecting Monument lands needing protection, and bridges limited to Richland and Vernita, at least 2 fire stations are currently needed (north and south of the river) across all alternatives. As planned property transfers occur from DOE to FWS (beginning in 2004), more lands will require protection from fire by FWS, while DOE firefighting resources will decline. For Alternative D, more fire protection resources will be required, as increased public use will lead to increased fire starts.</p> <p><i>Strategies: Consider acquiring (cooperatively?) local aerial retardant capability to enhance suppression ability.</i></p>		

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<p><i>Goal 13. Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.</i></p> <p><i>* Note: Group 7 believes this should not be a separate goal but should instead be merged into goal 7.</i></p>			
	<ol style="list-style-type: none"> <li>1. Within 2 years of CCP completion, USFWS will develop design standards for all current and future structures, utilities, and infrastructures on the Monument in cooperation with impacted agencies and governments.</li> <li>2. Within x years of plan completion the CCP comprehensive transportation system plan will be created and implemented by USFWS with the assistance of FHWA in cooperation with other stakeholders to remove all un-needed roads and existing structures and to plan for future access needs such as public use, construction and fire control personnel movements.</li> <li>3. New construction and uses will be consolidated to minimize the footprint of potential development wherever possible.</li> </ol> <p><i>Strategies: All objectives that describe plans for existing or future structures should include not just structures, but also infrastructure such as sewers, power, and roads.</i></p>		

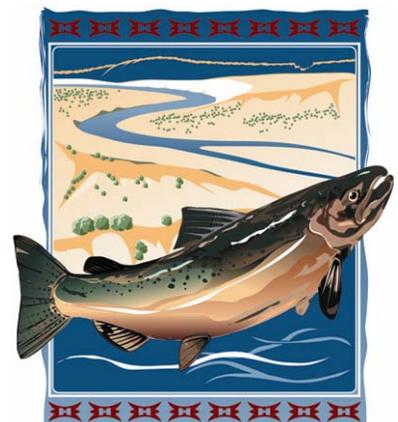


# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA

## DRAFT REPORT

Section 2  
Accomplishments of the Hanford  
Workshop Series





# Accomplishments of the Hanford Workshop Series

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Over the course of Workshops I-III, a consensus was reached by the multi-stakeholder group on the Monument Vision, Goals, Management Alternatives, and Objectives. These items will serve as the core material for development of the Hanford Reach National Monument Comprehensive Conservation Plan. The participants were incredibly dedicated to both the Monument and this planning process, with over half of the group attending all three workshops. The product is a result of their tremendous effort, motivation and commitment. The Monument is fortunate to have such a community working on its behalf.

## A. The Working Vision

In the first workshop of this series, participants created a draft vision statement based on themes identified in the futures exercise. Following Workshop I, this statement was reviewed by the FAC committee, and then the Fish and Wildlife Service. Below is the current working version of the vision presented to and accepted by participants in this workshop. This version is still subject to wording changes, but not conceptual changes.

### The Hanford Reach National Monument Vision Statement

*The Hanford Reach National Monument is a biologically diverse landscape, embracing a remarkable natural and historic legacy. The Hanford Reach, the last free-flowing non-tidal stretch of the Columbia River, is the ribbon that weaves shrub-steppe and riverine communities together, defining an irreplaceable landscape—a place to discover the richness of life, to reflect upon history, and to experience nature in solitude.*

*The Monument's diversity of plants and wildlife are critical to the biological integrity of the Columbia Basin. The unique combination of an expansive and increasingly rare shrub-steppe ecosystem, the free-flowing river, and the last major salmon spawning grounds in the Columbia River create a diverse and precious mosaic of habitats. The Monument is a refuge for a multitude of species, many new to science.*

*The Monument is a natural gathering place to learn, to experience and celebrate cultures, where stories are protected and passed on. Its history of immigrant settlement and the dawning of the atomic era is acknowledged, as well as its continuing physical and spiritual sustenance of the Native Americans who have used the area and those who came later.*

*The Monument is a testimonial to the past and the sacrifices of our ancestors. The Monument is also a vision into the future where visitors, neighbors and partners are valued and respected; where natural and historic resources are protected; and where all may come to experience the Monument and its magnificent resources.*

## C. The Working Goals

In the first workshop, working groups developed draft goals using the themes identified in the vision statement formulation exercise. Goals are a framework for action on how to create the desired future working with the resources and opportunities of today. Following Workshop I, the FAC committee and the Fish & Wildlife Service reviewed these goals. The working version, which was presented to and accepted by participants in the second workshop, is still subject to wording change, but not conceptual change.

### Goals

The Monument's goals were developed through the cooperation and assistance of many people, agencies, tribes and organizations, and reflect the basis for a management plan that will benefit everyone while protecting the Monument's resources. Development of the management plan—and the implementation of these goals—will honor valid existing rights and comply with U.S. Fish and Wildlife Service policies and procedures; the Hanford Reach National Monument Proclamation; and applicable laws.

- 1) Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin.
- 2) Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.
- 3) Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats.
- 4) Protect the distinctive geological and paleontological resources of the Monument.
- 5) Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area's past.
- 6) Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.
- 7) Provide access and opportunities for high-quality recreation compatible with resource protection.
- 8) Protect the natural visual character and promote the opportunity to experience solitude on the Monument.
- 9) Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.

- 10) Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.
- 11) Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.
- 12) Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.
- 13) Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.

## **D. Draft Management Alternatives**

An alternative is a potential conceptual direction for management. Each alternative will help fulfill the Refuge System mission and resolve identified issues facing Hanford Reach and each will require a set of objectives and strategies or means of achieving the monument vision and goals.

Fish and Wildlife Service staff summarized Alternative 1, which is the current management of the Monument. In the second workshop, each working group drafted additional alternative scenarios for future management and shared these in a plenary session during which there was extensive interaction among the groups. All comments were incorporated by the working group so that the views of all participants were reflected in the draft alternatives being developed. Then a synthesis group, made up of one person from each working group, integrated the alternatives. Those alternatives have been reviewed and revised by the FAC, Fish and Wildlife Service, and the public and the final draft versions are below.

### ***Alternative A - Current Management***

Management focuses on protecting and enhancing biological and cultural resources, fire protection, fire rehabilitation, and maintenance of existing facilities. Land use designations that were in place at the time of Monument establishment are maintained. Access for recreation, interpretive and educational purposes is allowed year-round in designated areas.

### ***Alternative B – Conservation of Proclamation Resources with a Restoration Emphasis***

FWS Original Version: Management focuses on protecting resources specified in the Proclamation. Restoration actions for these resources are implemented, with an emphasis on providing for restoration-based research, study, and sharing of information. Access for recreation may be reduced from current levels, modified in time, or redirected away from sensitive areas.

Federal Advisory Committee Advice: *Priority is placed in protecting and conserving the resources described in the Proclamation. Educational and interpretive opportunities are provided consistent with this alternative. Additional protection and restoration projects will be the focus of the remaining management and financial resources. Public use and access will largely remain undeveloped.*

### ***Alternative C – Conservation of Proclamation Resources with Concentration of Facilities***

FWS Original Version: Management focuses on protecting resources specified in the Proclamation. Strategies are implemented to create and maintain areas that are free of development both for conservation purposes and to maintain natural landscapes and solitude opportunities. Recreation interpretive and educational opportunities are about the same as the current level, with potential changes in the location of access and facilities.

Federal Advisory Committee Advice: *Priority is placed in protecting and conserving the resources described in the Proclamation. Educational and interpretive opportunities are provided consistent with this alternative. Public use and restoration/protection projects are implemented with the remaining management and financial resources. The focus is on concentration of facilities around existing or new access points to maintain large tracts of undeveloped land for natural landscapes and solitude opportunities with volitional regulation of human impacts. This area would set aside large tracts of undeveloped land. The management unit itself would incorporate areas of resource vulnerability and passively protect while allowing for active restoration.*

### ***Alternative D – Conservation of Proclamation Resources with a Public Use Emphasis***

FWS Original Version: Management focuses on protecting resources specified in the Proclamation. Priority is placed upon providing increased opportunities for public use and enjoyment of the Monument. Recreation opportunities, access and visitor facilities are increased from the current level.

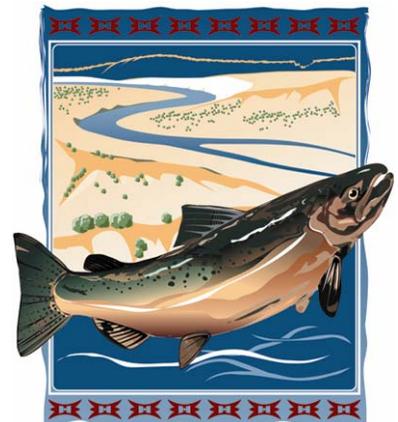
Federal Advisory Committee Advice: *Priority is placed in protecting and conserving the resources described in the Proclamation. Educational and interpretive opportunities are provided consistent with this alternative. Public use opportunities are provided and upgraded with remaining management and financial resources. This alternative would be applied to each management unit based upon assessment of Monument resources and their vulnerability.*

# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA

## DRAFT REPORT

### Section 3 Draft Objectives





## Draft Objectives

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According to 602 FW 1.6 and the Goals and Objectives Handbook, an objective is a concise statement of what we want to achieve, how much we want to achieve, when and where we want to achieve it, and who is responsible for the work. Objectives derive from goals and provide the basis for determining strategies, monitoring refuge accomplishments, and evaluating the success of strategies. Each working group was responsible for developing objectives for all goals across all alternatives and then, if time allowed, applying the SMART criteria to each objective making it attainable, time-specific, and measurable. Each group approached this task differently; their process is described in the following reports along with their objectives.

### Group 1 report

*Group Participants: Tom Ferns, Dave Brown, Dennis Faulk, Madeleine Brown, Mike Ritter, Mike Marxen, Shannon Arntzen, Rico Cruz, Dave Smith, Janet Budzeck, Stuart Harris*

#### Day 1

First the group looked at the new alternatives and the old objectives. An effort to explain how the FAC and this group passed ideas back and forth to develop the currently presented alternatives ensued. There was some concern that some of the prose associated with recreation in the older CARE alternative was missing. In general it was explained that the new alternatives A, B, C and D are centered around C which represents the middle ground of what could be expected and Alternative B was less public use with greater emphasis on restoration of resources, while Alternative D represents greater public uses. A complaint was raised that the word “volitional” appeared in FAC language and the use of such words doesn’t contribute to the agency’s goal and NEPA’s requirement to communicate with the public.

A discussion was held on the amount of data needed to develop a plan. Another question considered was when considering resources do we plan for what we think we need or plan for what we think we will get (i.e. resources equal money). Resolution was not gained but the group went on.

Issues such as dog trials, camping and horse camping were explored.

#### Day 2

We began by looking at the spatial aspects of the alternatives. Two different types of campgrounds were discussed. Vernita has 3 areas that could support a major vehicle access type of campground. It was felt that a different type of campground would be useful for interpreting the river. A primitive type of camp to a full service camp was suggested for the White Bluffs boat launch area. Horse camping was proposed for areas such as rattlesnake springs with a trail starting at Horn Rapids and continuing along the toe of the rattlesnake bajada along the 1200 foot road, ending at road 24. Other horse camps could be located in 3 areas on the Wahluke Slope. One would be above the canal to the east and two locations would be located associated with the waste way water. Dog trials camping would be located at their traditional Wahluke location 1.

Wildlands observation points were discussed. Three points on 240 were suggested, one on 243 across from B Reactor, and three on the Wahluke (NIKE site, reactor observation site, and top of Saddle Mountain). Road improvements in general were favored for safety and access. A transportation plan would be developed 2 years after the CCP. The concept of a river trail that has interpretative stops was discussed.

Hiking was discussed. It was decided that hiking should be discussed on an existing administrative unit basis. Wahluke would remain open and differences would be accounted for by seasonal closures and resource protection closures.

**Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin.** It was discussed that the restoration objective was probably the best delineator of differences between the Alternatives. Monitoring was also mentioned as an objective that could be used to show differences in the Alternatives. Change x to x, to x to y. Objective 5 should precede objective 4 based on habitat management plan.

Activity	Alternative A	Alternative B	Alternative C	Alternative D
Restoration activity in acres		Y 500/yr	Y 300/yr	Y 50-100/yr

**Goal 2. Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.** This is a holistic plan. Objectives Need who and timeframes. Number 9,5 and 7 are the crux of the objectives; incorporate 1,2,3,5,9,10 as strategies under 7. # 10 and 11 are strategies. 1,2,3 can be strategies of 7. Levels vary alts B, C  
D per language in 7, however B and C vary very little. Develop and implement a riparian management plan to identify critical areas for protection and prioritize areas for restoration projects within 5 years.

**Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats.**

**Goal 4. Protect the distinctive geological and paleontological resources of the Monument**

**Goal 5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area's past.**

**Goal 6. Provide a rich variety of educational and interpretative opportunities for visitors to gain an appreciation, knowledge and understanding o the Monument, compatible with resource protection.**

<b>Activity</b>	<b>Alt. A</b>	<b>Alt. B</b>	<b>Alt. C</b>	<b>Alt. D</b>
<b>Increase offsite educational opportunities</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Limit onsite use zones</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Remote interpretation (webcams, offsite visitor center)</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Guided Tours</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>In school environmental education</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Self guided interpretation trails (52 miles)</b>		<b>N</b>	<b>Y</b>	<b>Y</b>
<b>Onsite kiosks</b>		<b>N</b>	<b>Y- (edges only)</b>	<b>Y</b>
<b>Cassette tape tours</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Handouts</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Longer trails</b>		<b>N</b>	<b>N</b>	<b>Y</b>
<b>River-based interpretations</b>		<b>N</b>	<b>Y</b>	<b>Y</b>
<b>Establish outdoor education classroom for Monument resource</b>			<b>Y- (edges only)</b>	<b>Y</b>
<b>Promote interpretation at Vernita including an interpretive facility</b>		<b>Y</b>	<b>Y</b>	<b>Y</b>
<b>Interpretation site on highway 24.</b>		<b>Y-</b>	<b>Y</b>	<b>Y+</b>

**Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.**

<b>Activity</b>	<b>Alternative A</b>	<b>Alternative B</b>	<b>Alternative C</b>	<b>Alternative D</b>
<b>Hiking</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y+</b>
<b>Hunting</b>	<b>Y</b>	<b>N+-</b>	<b>Y</b>	<b>Y+</b>
<b>Camping</b>	<b>N</b>	<b>N</b>	<b>Y</b>	<b>Y+</b>
<b>Biking</b>	<b>Y</b>	<b>Y-</b>	<b>Y</b>	<b>Y</b>
<b>Horses</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>Y+</b>
<b>Guides</b>	<b>Y</b>	<b>Y+</b>	<b>Y</b>	<b>Y+</b>
<b>Boating</b>	<b>Y</b>	<b>Y-</b>	<b>Y</b>	<b>Y+</b>
<b>Boat Fishing</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y+</b>
<b>Bank Fishing</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>Y+</b>
<b>Interp/Education</b>	<b>Y</b>	<b>Y+</b>	<b>Y+</b>	<b>Y+</b>
<b>Wildlife Observation</b>	<b>Y</b>	<b>Y</b>	<b>Y+</b>	<b>Y+</b>
<b>Dog trials</b>	<b>N</b>	<b>N</b>	<b>Y</b>	<b>Y</b>

<b>Activity</b>	<b>Alternative A</b>	<b>Alternative B</b>	<b>Alternative C</b>	<b>Alternative D</b>
<b>Hiking</b>	<b>Y</b>	<b>Y Allow in the Wahluke but not in sensitive areas. Hiking in ALE would not be allowed. Promote hiking on designated trails.</b>	<b>Y Enhance trails near Ringold, Vernita on both sides of River. Make access to Rattlesnake by permit.</b>	<b>Y+ Consider link with Benton County trial map. In Wahluke. Make loop trail for Saddle Mountain.</b>
<b>Hunting</b>	<b>Y</b>	<b>N+-No Hunting. Use other methods to control populations.</b>	<b>Y Establish management hunts for population control. Permitted hunting for ALE to Saddle Mt.</b>	<b>Y+ Open previously closed areas expand methods (e.g. High powered rifles.) Reintroduce native species for hunting (i.e., antelope, sharp tailed grouse, sage grouse). Permitted hunting for ALE to Saddle Mt.</b>
<b>Camping</b>	<b>N</b>	<b>N Camping off-site only. Promote off-site private camping.</b>	<b>Y Provide for primitive water access camping. Seasonal fishing oriented RV camping at Vernita.</b>	<b>Y+ Link and coordinate with off-monument camping site operators. Provide for primitive water access camping. On shore comfort stations every 2 hours based on a float time down the river that are accessible for services and integration of interpretative stops. One</b>

				<b>horse camp with specific spot to be determined. Vernita corridor developed for RV camping and interpretation.</b>
<b>Biking</b>	<b>Y</b>	<b>Y-</b>	<b>Y</b>	<b>Y</b>
<b>Horses</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>Y+</b>
<b>Guides</b>	<b>Y</b>	<b>Y+</b>	<b>Y</b>	<b>Y+</b>
<b>Boating</b>	<b>Y</b>	<b>Y-</b>	<b>Y</b>	<b>Y+</b>
<b>Boat Fishing</b>	<b>Y</b>	<b>Y</b>	<b>Y</b>	<b>Y+</b>
<b>Bank Fishing</b>	<b>Y</b>	<b>N</b>	<b>Y</b>	<b>Y+</b>
<b>Interp/Education</b>	<b>Y</b>	<b>Y+</b>	<b>Y+</b>	<b>Y+</b>
<b>Wildlife Observation</b>	<b>Y</b>	<b>Y</b>	<b>Y+ pullouts on 240. Visit/view from rattlesnake mountain with a permit.</b>	<b>Y+Establish auto tour route with pullouts. Visit/view from rattlesnake mountain without a permit.</b>
<b>Dog trials</b>	<b>N</b>	<b>N</b>	<b>Y</b>	<b>Y</b>

**Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.**

Objectives 1 and 2 are good as is as well as 4, 5, 6. Objective #3 the extent of cleanup per year may vary based on the refuge or DOE priorities. Incorporate objective #7 in second #4 objective and write it SMART.

Add to Alternative D Promote wilderness designation and for alts B and C identify and protect areas with outstanding natural character and solitude.

Objective #8. Road removal- No roads have been identified that are not needed because of fire control. Road removal is not a priority in alts B and C. In alt D road enhancement is likely and road removal is possible based on the values of solitude and natural visual character.

Objective #10. Add timing to SMART objective to within 5 years of the USGS study release.

Second #1 and #2 are strategies.

**Goal 9. Honor treaty rights in accordance with Department of Interior and US Fish and Wildlife Service Native American policy.**

Objective #3 change artifact to data.

Refer to DOE’s CLUP for location of in lieu campsites. The group supported keeping goal 9 because it tends to remind managers of their commitment.

**Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.**

**Goal 11. Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.**

**Goal 12. Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.**

**Group 2 report**

Group 2 started by taking each goal one at a time, getting right into the detail, and checking to make sure it reaches the SMART criteria. After they finished a goal, they went back and looked at how it would vary across objectives. Then they would move onto the next goal.

This discussion resulted in the following objectives.

Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
<i>Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin.</i>			
	1. Complete inventory <i>and mapping</i> of all plant communities, plants and animals within upland habitat in the Monument within five years.  2. Evaluate all upland habitat and identify critical and sensitive areas and conservation targets within	1. Complete inventory <i>and mapping</i> of all plant communities, plants and animals within upland habitat in the Monument within five years.  2. Evaluate all upland habitat and identify critical and sensitive areas and conservation targets within	1. Complete inventory <i>and mapping</i> of all plant communities, plants and animals within upland habitat in the Monument within five years.  2. Evaluate all upland habitat and identify critical and sensitive areas and conservation targets within

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>five years. <i>Strategy Note: Conduct vegetation mapping using a specific protocol (need to determine which protocol to use) for consistency</i> <i>Incorporate locations of plants and animals into GIS.</i></p> <p>3. Prioritize treatment areas for all invasive species in upland habitats within five years.</p> <p>4. Write an integrated pest management plan within two years after completion of the CCP</p> <p>5. Restore the historic community structure of Monument upland habitat. <i>(what is historic condition? pre-Columbian? prehistoric? Question on whether “restore” is achievable. “Improve or move towards” suggested.)</i> Increase the cover of native plant/animal communities from x to x percent and native plant/animal species richness <i>(what does richness mean?)</i> from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition. Needs to be added to glossary. We also feel the word “restore” is an “active” enough word to include implementation)</i></p>	<p>five years. <i>Strategy Note: Conduct vegetation mapping using a specific protocol (need to determine which protocol to use) for consistency</i> <i>Incorporate locations of plants and animals into GIS.</i></p> <p>3. Prioritize treatment areas for all invasive species in upland habitats within five years.</p> <p>4. Write an integrated pest management plan within two years after completion of the CCP</p> <p>5. Restore the historic community structure of Monument upland habitat. <i>(what is historic condition? pre-Columbian? prehistoric? Question on whether “restore” is achievable. “Improve or move towards” suggested.)</i> Increase the cover of native plant/animal communities in designated areas from x to x percent and native plant/animal species richness in designated areas <i>(what does richness mean?)</i> from x to x species over the next 15 years. <i>(Percentages would be different under this alternative. We refer to the definition presented by Jane to address the issues related to historic condition. Needs to be</i></p>	<p><i>two</i> years. <i>Strategy Note: Conduct vegetation mapping using a specific protocol (need to determine which protocol to use) for consistency</i> <i>Incorporate locations of plants and animals into GIS.</i></p> <p>3. Prioritize treatment areas for all invasive species in upland habitats within five years.</p> <p>4. Write an integrated pest management plan within two years after completion of the CCP</p> <p>5. Restore the historic community structure of Monument upland habitat. <i>(what is historic condition? pre-Columbian? prehistoric? Question on whether “restore” is achievable. “Improve or move towards” suggested.)</i> Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness <i>(what does richness mean?)</i> from x to x species over the next 15 years. <i>(Percentages would be different under this alternative. We refer to the definition presented by Jane to address the issues related to historic condition. Needs to be added to glossary. We also feel the word “restore” is</i></p>

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p><i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.)</i></p> <p>6. Develop and implement a habitat management plan to identify <i>x</i> critical areas for protection and prioritize <i>x</i> areas for restoration projects within five years.</p> <p>7. Develop and implement monitoring plans that contribute to management decisions within 5 years. Evaluate monitoring results <b>annually</b>. Use adaptive management to modify actions <del>within five years of the completion of the CCP.</del> (that incorporates/provides data or information on restoration efforts, ecosystem health wildlife populations and user impacts.) <del>(identify different types of monitoring goals and their respective timeframes.)</del>  Notes: Monitoring would need to monitor success of restoration projects, trends of plant and animal communities, and be coordinated with fire and other resource programs. Effects of people on natural resources would be better captured under the public use goals</p>	<p><b>added to glossary.</b> We also feel the word “restore” is an “active” enough word to include implementation)  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.)</i></p> <p>6. Develop and implement a habitat management plan to identify <i>y</i> critical areas for protection and prioritize <i>y</i> areas for restoration projects within five years.</p> <p>7. Develop and implement monitoring plans that contribute to management decisions within 5 years. Evaluate monitoring results <b>annually</b>. Use adaptive management to modify actions <del>within five years of the completion of the CCP.</del> (that incorporates/provides data or information on restoration efforts, ecosystem health wildlife populations and user impacts.) <del>(identify different types of monitoring goals and their respective timeframes.)</del>  Notes: Monitoring would need to monitor success of restoration projects, trends of plant and animal communities, and be coordinated with fire and other resource programs.</p>	<p>an “active” enough word to include implementation)  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.)</i></p> <p>6. Develop and implement a habitat management plan to identify <i>z</i> critical areas for protection and prioritize <i>z</i> areas for restoration projects within five years.</p> <p>7. Develop and implement monitoring plans that contribute to management decisions within 5 years. Evaluate monitoring results <b>annually</b>. Use adaptive management to modify actions <del>within five years of the completion of the CCP.</del> (that incorporates/provides data or information on restoration efforts, ecosystem health wildlife populations and user impacts.) <del>(identify different types of monitoring goals and their respective timeframes.)</del>  Notes: Monitoring would need to monitor success of restoration projects, trends of plant and animal communities, and be coordinated with fire and other resource programs. Effects of people on natural resources would be</p>

Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
	<i>(we deleted the next objective since it was covered by our previous ones.)</i>	Effects of people on natural resources would be better captured under the public use goals  <i>(we deleted the next objective since it was covered by our previous ones.)</i>	better captured under the public use goals  <i>(we deleted the next objective since it was covered by our previous ones.)</i>
<b>Goal 2. Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.</b>			
	<p><i>NOTE: We condensed many of the objectives that had redundant ideas, deleted objectives that were strategies, and combined others.</i></p> <p><i>NOTE: Considerable research and monitoring is being conducted by a variety of entities. Need to compile and utilize all information available and not “reinvent the wheel.”</i></p> <p><i>1. Develop habitat management plan for riparian and riverine habitat within 5 years.</i></p> <p><i>2. Compile, coordinate and evaluate research and monitoring data on fish populations, riparian communities, and water quality within 5 years.</i></p> <p><i>3. Conduct baseline inventory of macro-invertebrate populations, riparian plant and animal communities.</i></p> <p><i>4. Develop and implement a monitoring plan for fall Chinook and other native</i></p>	<p><i>NOTE: The objectives would be uniform across alternatives except for possible seasonal closures on boating activities to protect redds under alternative b. Amount of access along shorelines would affect riparian vegetation and could be restricted under alternatives c and d. Percentages may vary between alternatives and areas designated for restoration may also change among alternatives.</i></p> <p><i>NOTE: Strategy – participate in river management forums.</i></p>	<p><i>NOTE: The objectives would be uniform across alternatives except for possible seasonal closures on boating activities to protect redds under alternative b. Amount of access along shorelines would affect riparian vegetation and could be restricted under alternatives c and d. Percentages may vary between alternatives and areas designated for restoration may also change among alternatives.</i></p> <p><i>4. Increased monitoring activity under this alternative.</i></p>

Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
	<p><i>and non-native fish, riparian and aquatic communities and macro-invertebrate populations within 5 years.</i></p> <p><i>5. Prioritize areas for riparian and aquatic habitat restoration projects and implement within 5 years.</i></p>		<p><i>5. Manage land-based activities that could have impact on Chinook productivity.</i></p>
<b>Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats.</b>			
	<p>1. Enhance Monument resources and connectivity by establishing working groups of interested, involved agencies and the public within 1 year. Meet quarterly.</p> <p><i>NOTE: Connectivity is more than being a good neighbor – it’s an overall strategy.</i></p> <p>2. Identify funding needs and opportunities from alternative sources within 2 years. <i>(What is being funded?)</i></p> <p>3. Work with other partners to annually achieve a minimum increase of 10% of identified critical, connective properties. <i>(Unclear. Does this mean acquisition? Partnerships for conservation easements?)</i></p> <p>4. As an ongoing activity meet with 3-4 adjacent landowners annually to</p>	<p><i>Note: more effort would be expended on this goal under alternative B or C.</i></p>	

Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
	<p>discuss common habitat/management objectives and future possibilities. (Comment: This may be a strategy rather than an objective)</p> <p><i>(NOTE: Might establish dialog with US Army Corps of Engineers regarding Yakima Firing Range land. COE has a management interest in this land and is easier to approach than military.)</i></p> <p><b>5. Identify habitat outside the Monument at the landscape scale that is suitable to provide connectivity within 5 years.</b></p>		

**Goal 4: Protect the distinctive geological and paleontological resources of the Monument.**

	<p>1. Identify, map and evaluate current condition of G&amp;P resources associated with distinctive geological events within 5 years of completion of CCP. <i>(for example: fossil locations and flood features.)</i></p> <p>2. Conduct threats analysis and design and implement a threat abatement strategy that focuses on active protection and restoration of resources. <i>NOTE: need clarification on terminology “threats analysis” and “threat abatement.”</i></p> <p><b>3. Participate in and promote efforts to achieve long-term resolution to</b></p>	<p>1. Identify, map and evaluate current condition of G&amp;P resources associated with distinctive geological events within 5 years of completion of CCP. <i>(for example: fossil locations and flood features.)</i></p> <p>2. Conduct threats analysis and design and implement a threat abatement strategy that focuses on active protection and restoration of resources. <i>NOTE: need clarification on terminology “threats analysis” and “threat abatement.”</i></p> <p><b>3. Participate in and promote efforts to achieve long-term resolution to</b></p>	<p>1. Identify, map and evaluate current condition of G&amp;P resources associated with distinctive geological events within 5 years of completion of CCP. <i>(for example: fossil locations and flood features.)</i></p> <p>2. Conduct threats analysis and design and implement a threat abatement strategy that focuses on active protection and restoration of resources. <i>NOTE: need clarification on terminology “threats analysis” and “threat abatement.”</i></p> <p><b>3. Participate in and promote efforts to achieve long-term resolution to</b></p>
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Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
	<p><i>White Bluffs degradation.</i></p> <p><i>4. Establish partnerships with geological interest groups and agencies (such as Ice Age Floods Institute) within two years.</i></p> <p><i>5. Establish a policy and protocol for obtaining environmental clearance prior to surface disturbing activities.</i></p> <p>6. Monitor impacts on G&amp;P resources from human use and natural processes annually.</p>	<p><i>White Bluffs degradation.</i></p> <p><i>4. Establish partnerships with geological interest groups and agencies (such as Ice Age Floods Institute) within two years.</i></p> <p><i>5. Establish a policy and protocol for obtaining environmental clearance prior to surface disturbing activities</i></p> <p>6. Monitor impacts on G&amp;P resources from visitor use and other processes semi-annually.</p>	<p><i>White Bluffs degradation.</i></p> <p><i>4. Establish partnerships with geological interest groups and agencies (such as Ice Age Floods Institute) within two years.</i></p> <p><i>5. Establish a policy and protocol for obtaining environmental clearance prior to surface disturbing activities</i></p> <p>6. Monitor impacts on G&amp;P resources from visitor use and other processes quarterly.</p>
<p><b>Goal5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area's past.</b></p>			
	<p><i>1. Obtain, review and evaluate existing cultural resource databases within 2 years of CCP.</i></p> <p>2. Within 2 years of CCP completion, gather oral histories on pre-Hanford and Manhattan Project eras.</p> <p>3. Develop an integrated cultural resource and education program for the Monument with stakeholder, volunteer and Tribal involvement within 5 years. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>4. Develop action plan for protection and stabilization of cultural and historic</p>	<p><i>1. Obtain, review and evaluate existing cultural resource databases within 2 years of CCP.</i></p> <p>2. Within 2 years of CCP completion, gather oral histories on pre-Hanford and Manhattan Project eras.</p> <p>3. Develop an integrated cultural resource and education program for the Monument with stakeholder, volunteer and Tribal involvement within 5 years. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>4. Develop action plan for protection and stabilization of cultural and historic</p>	<p><i>1. Obtain, review and evaluate existing cultural resource databases within 2 years of CCP.</i></p> <p>2. Within 2 years of CCP completion, gather oral histories on pre-Hanford and Manhattan Project eras.</p> <p>3. Develop a user-friendly integrated cultural resource and education program for the Monument with stakeholder, volunteer and Tribal involvement within 5 years. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites. A minimum of three cultural resource kiosks within 3 years.</i></p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>sites with stakeholder and Tribal involvement.</p> <p>5. Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with Tribes within 5 years of CCP completion. <i>NOTE: Issue of treaty rites to access and use outside the scope of this CCP.</i></p> <p>6. Develop and maintain agreements on cultural resource between the USFWS, other agencies, stakeholders and Tribes within 3 years.</p> <p><i>7. Identify data gaps and survey a minimum of 2,000 acres a year starting 2 years after completion of the CCP.</i></p> <p><i>8. Monitor critical National Register sites at least twice per year.</i></p> <p><i>NOTE: Develop strategies for protection and restoration.</i></p>	<p>sites with stakeholder and Tribal involvement.</p> <p>5. Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with Tribes within 5 years of CCP completion. <i>NOTE: Issue of treaty rites to access and use outside the scope of this CCP.</i></p> <p>6. Develop and maintain agreements on cultural resource between the USFWS, other agencies, stakeholders and Tribes within 3 years.</p> <p><i>7. Identify data gaps and survey a minimum of 2,000 acres a year starting 2 years after completion of the CCP.</i></p> <p><i>8. Monitor critical National Register sites at least twice per year.</i></p> <p><i>NOTE: Develop strategies for protection and restoration.</i></p>	<p>4. Develop action plan for protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>5. Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with Tribes within 5 years of CCP completion. <i>NOTE: Issue of treaty rites to access and use outside the scope of this CCP.</i></p> <p>6. Develop and maintain agreements on cultural resource between the USFWS, other agencies, stakeholders and Tribes within 3 years.</p> <p><i>7. Identify data gaps and survey a minimum of 2,000 acres a year starting 2 years after completion of the CCP.</i></p> <p><i>8. Monitor critical National Register sites at least twice per year. Includes additional LE.</i></p> <p><i>NOTE: Develop strategies for protection and restoration</i></p>
<p><b>Goal 6. Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.</b></p>			
<p>We assume that all of the natural and cultural resources will go through an identification, classification, and</p>	<p>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</p>	<p>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</p>	<p>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</p>

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p>mapping process. <i>NOTE: A wide variety of activities including horseback riding, hiking, bird watching, boating, photography, camping, viewing, swimming, and fishing need to be addressed also, not just hunting. Education on the proper use and protection of resources should be incorporated into these use objectives. (Establishment of a LNT program and providing signs at access points would be a good strategy.)</i></p>	<p>2. Analyze needs.</p> <p>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Public Use limited by intensive management of techniques (increase offsite educational opportunities, limited onsite use zones and times. remote interpretation, web cam's, offsite visitor center.)</p>	<p>2. Analyze needs.</p> <p>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Use integrated management of visitors (guided opportunities, in-school Environmental Education, limit self guided trails to less than two mile interpretive trail that traverses representative habitats, offsite visitor center.)</p>	<p>2. Analyze needs.</p> <p>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Use interactive management of visitors (self-guided trails to include mini and longer, kiosks on site, cassette tapes tours, handouts)</p>
<p><b>Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.</b></p>			
<p>Current Hunting: waterfowl, upland bird, big game in Wahluke</p>	<p>Develop a recreation suitability analysis for all Monument areas to protect resources in the EIS process and identify access zones/areas and activities and facilities that are compatible with these zones.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example: Level I= existing development such as highways, Vernita Rest stop</p>	<p>Develop a recreation suitability analysis for all Monument areas to protect resources in the EIS process and identify access zones/areas and activities and facilities that are compatible with these zones.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example: Level I= existing development such as highways, Vernita Rest stop</p>	<p>Develop a recreation suitability analysis for all Monument areas to protect resources in the EIS process and identify access zones/areas and activities and facilities that are compatible with these zones.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example: Level I= existing development such as highways, Vernita Rest stop</p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>Level II= disturbed areas such as Riverlands, white area in BRMP  Level III= gray area in BRMP such as  Level IV= most of ALE  Level V = Umptanum desert buckwheat population, prehistoric burial sites  This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p><i>No hunting-note: this is not considered realistic by Group 5 but probably does need to be included in one alternative to avoid lawsuit.</i></p> <ol style="list-style-type: none"> <li>1. Create a measurement that assesses levels of resource protection tied with visitor experience. (Some level less than carrying capacity)</li> <li>2. Survey visitors seasonally for a period of five years to determine quality of experience by activity, season, and area within the Monument.</li> <li>3. Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides). <i>NOTE: Prepare transit/shuttle plan.</i></li> <li>4. Develop visitor services plan that integrates transportation needs.</li> </ol>	<p>Level II= disturbed areas such as Riverlands, white area in BRMP  Level III= gray area in BRMP such as  Level IV= most of ALE  Level V = Umptanum desert buckwheat population, prehistoric burial sites  This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>Open xx to provide a range of high-quality opportunities waterfowl, big game and upland bird, safe</p> <ol style="list-style-type: none"> <li>1. Create a measurement that assesses levels of resource protection tied with visitor experience. (Some level less than carrying capacity)</li> <li>2. Survey visitors seasonally for a period of five years to determine quality of experience by activity, season, and area within the Monument.</li> <li>3. Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides). <i>NOTE: Prepare transit/shuttle plan.</i></li> <li>4. Develop visitor services plan that integrates transportation needs.</li> </ol>	<p>Level II= disturbed areas such as Riverlands, white area in BRMP  Level III= gray area in BRMP such as  Level IV= most of ALE  Level V = Umptanum desert buckwheat population, prehistoric burial sites  This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>Open xx (more than Care)</p> <ol style="list-style-type: none"> <li>1. Create a measurement that assesses levels of resource protection tied with visitor experience. (Some level less than carrying capacity)</li> <li>2. Survey visitors seasonally for a period of five years to determine quality of experience by activity, season, and area within the Monument.</li> <li>3. Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides). <i>NOTE: Prepare transit/shuttle plan.</i></li> <li>4. Develop visitor services plan that integrates transportation needs.</li> </ol>

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	5. Use permit system for commercial vendors	5. Use permit system for commercial vendors.	5. Use permit system for commercial vendors.
<b>Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.</b>			
	<p>1. Within 2 years of CCP completion, USFWS will develop design standards <i>that reduce visual intrusion</i> for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>3. Inventory and evaluate all residual research materials and structures within 3 years of the plan being completed and remove as appropriate.</p> <p>4. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for off-site projects that could affect the</p>	<p>1. Within 2 years of CCP completion, USFWS will develop design standards <i>that reduce visual intrusion</i> for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>3. Inventory and evaluate all residual research materials and structures within 3 years of the plan being completed and remove as appropriate.</p> <p>4. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. . (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for projects that could affect the Monument</p>	<p>1. Within 2 years of CCP completion, USFWS will develop design standards <i>that reduce visual intrusion</i> for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>3. Inventory and evaluate all residual research materials and structures within 3 years of the plan being completed and remove as appropriate.</p> <p>4. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. . (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for projects that could affect the Monument</p>

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<p><i><b>NOTE: Objectives 9 and 10 primarily pertain to a different goal and should not be discussed here.</b></i></p>	<p>Monument viewshed or solitude.</p> <p>6. New construction and uses will be discouraged to minimize the foot print <i>and visual impact</i> of potential development wherever possible.</p> <p>7. Develop standards for noise within the Monument.</p> <p>8. Within 10 years of plan completion the CCP, a comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>9. Treat invasive species that impact visual and ecological integrity in accordance with an overall Integrated Pest Management (IPM) plan. (strategy note: IPM plan will be ecologically not visually based).</p> <p>10. Within 1 year of plan completion, the FWS will utilize available information and findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p>	<p>viewshed or solitude.</p> <p>6. New construction and uses will be targeted to specific areas to minimize the foot print <i>and visual impact</i> of potential development.</p> <p>7. Limit noise in the Monument below XXXX decibels.</p> <p>8. Within 10 years of plan completion the CCP, a comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>9. Treat invasive species that impact visual and ecological integrity in accordance with an overall Integrated Pest Management (IPM) plan. (strategy note: IPM plan will be ecologically not visually based).</p> <p>10. Within 1 year of plan completion, the FWS will utilize available information and findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.11. If camping is</p>	<p>viewshed or solitude.</p> <p>6. New construction and uses will be consolidated to minimize the foot print <i>and visual impact</i> of potential development.</p> <p>7. Limit noise in the Monument below XXXX decibels.</p> <p>8. Within 10 years of plan completion the CCP, a comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>9. Treat invasive species that impact visual and ecological integrity in accordance with an overall Integrated Pest Management (IPM) plan. (strategy note: IPM plan will be ecologically not visually based).</p> <p>10. Within 1 year of plan completion, the FWS will utilize available information and USGS findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.11. If camping is</p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><i>NOTE: A number of these objectives are duplicates of earlier ones under this goal.</i></p>	<p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>2. Develop a landscape design standards plan to guide facility design to protect visual resource qualities.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the Monument that are free from high public use, excessive noise, <i>odors</i> and intrusive development. Areas would favor natural pristine landscapes.</p>	<p>allowed, USFWS will establish noise limits from dusk to dawn.</p> <p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>2. Develop a landscape design standards plan to guide facility design to protect visual resource qualities.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the Monument that are free from high public use, excessive noise, <i>odors</i> and intrusive development. Areas would favor natural pristine landscapes.</p>	<p>allowed, USFWS will establish noise limits from dusk to dawn.</p> <p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>2. Develop a landscape design standards plan to guide facility design to protect visual resource qualities.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the Monument that are free from high public use, excessive noise, <i>odors</i> and intrusive development. Areas would favor natural pristine landscapes.</p>
<p><b>Goal 9 Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.</b></p>			
	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection, inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection, inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection, inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>
<p><b><i>Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the mutual discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals</i></b></p>			
<p><i>(Group discussion that goal was too wordy. Last sentence may belong elsewhere.)</i></p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues. Emphasize public safety, fire prevention, fish and game management and law enforcement issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p>

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	<i>NOTE: Some discussion that objectives 3 and 4 belong under other goals.</i>	of completion of CCP.	4. Establish on-site community-based outreach program within one year of completion of CCP. Emphasize outreach to user groups.
<b>Goal 11. Facilitate and encourage research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.</b>			
	<p>1. Establish a coordinated research and monitoring program with interested parties to study the natural, physical and cultural resources (of the Monument).</p> <p>2. Research emphasis will be on rare species and plant communities and research that contributes towards management of the Monument.</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore</p>	<p>1. Establish a coordinated research and monitoring program with interested parties to study the natural, physical and cultural resources (of the Monument).</p> <p>2. A wide range of research relevant to Monument management is allowed with a strong emphasis on providing educational opportunities. <i>Consider broadening the scope to include basic research on conservation of significant natural and cultural resources that contributes to Monument management.</i> <i>NOTE: Consider an advisory peer review committee to review and approve research proposals.</i></p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore</p>	<p>1. Establish a coordinated research and monitoring program with interested parties to study the natural, physical and cultural resources (of the Monument).</p> <p>2. A wide range of research relevant to Monument management is allowed with a strong emphasis on providing education opportunities. <i>Consider broadening the scope to include basic research other than research that contributes to Monument management.</i> <i>NOTE: Consider an advisory peer review committee to review and approve research proposals.</i></p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore</p>

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	areas to original condition where appropriate. <i>NOTE: this may be a strategy.</i>	areas to original condition where appropriate. <i>NOTE: this may be a strategy.</i>	areas to original condition where appropriate. <i>NOTE: this may be a strategy.</i>
<b>Goal 12. Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.</b>			
	<p>1. Develop Fire Prevention and Education Program with relationship to Fire Management (including public education regarding prescribed fire, fire fighting, and fire safety and prevention, public safety {evacuation routes}) with in 5 years of the approval of CCP. Following development of this plan, implementation will occur for the next 10 year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective, should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep</p>	<p>1. Develop Fire Prevention and Education Program with relationship to Fire Management (including public education regarding prescribed fire, fire fighting, and fire safety and prevention, public safety {evacuation routes}) with in 5 years of the approval of CCP. Following development of this plan, implementation will occur for the next 10 year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective, should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep</p>	<p>1. Develop Fire Prevention and Education Program with relationship to Fire Management (including public education regarding prescribed fire, fire fighting, and fire safety and prevention, public safety {evacuation routes}) with in 5 years of the approval of CCP. Following development of this plan, implementation will occur for the next 10 year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective, should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep</p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan. Integrate Fire Management into all Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment, public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means.</p> <p><i>Strategy notes: prescribed</i></p>	<p>them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan. Integrate Fire Management into all Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment, public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means.</p> <p><i>Strategy notes: prescribed</i></p>	<p>them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan. Integrate Fire Management into all Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment, public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means.</p> <p><i>Strategy notes: prescribed</i></p>

Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
	<i>burns, mechanical, chemical, or other.</i> (Also question about SMART)	<i>burns, mechanical, chemical, or other.</i> (Also question about SMART)	<i>burns, mechanical, chemical, or other.</i> (Also question about SMART)
<b>Goal 13. Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.</b>			
Infrastructure = roads, wells, septic systems, parking lots, gates, powerlines, canals, dikes, alternative modes of transportation, boat launch guzzlers, visitor center, trails, fences, buildings, ponds, firebreaks, toilets, garbage etc.  Also suggest using cameras for fire monitoring.	1. Identify, classify, and map current infrastructure.  2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.  3. Maintain, improve, build or eliminate infrastructure based on protection needs, low-impact priorities, and aesthetics (reduce roads and parking areas; ensure firefighting capability, determine modes of access)	1. Identify, classify, and map current infrastructure.  2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.  3. Maintain, improve, build, or eliminate infrastructure based on protection and visitation needs. (increased infrastructure likely including offsite visitor center, determine modes of access)	1. Identify, classify, and map current infrastructure.  2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.  3. Maintain, improve, build, or eliminate infrastructure based on protection and visitation needs. (even more infrastructure needs likely including on site visitor center, determine modes of access)

### Group 3 report

Group 3 went through each goal and all the objectives under that goal at one time. They thought that a lot of the objectives from the previous workshop were already good. They took a lot of time addressing the alternatives and how the objectives vary across them.

Define and review alternatives:

- **B** Restoration/Conservation (Large suite of species, very general intensity)
- **C** Concentrate facilities to exterior areas of monument minimize impacts (Sensitive species inventory)
- **D** Public Use/ Recreation ( Inventory only specific species and T&E species in specific areas)

### Goal 1

Conserve and restore plants, animals and shrub-steppe and other native habitats...

#### Objective 1

1. We chose time arrangement B=7, C=5, D=3 years based on possible impacts and monitory constraints less public use and lower temporal priority.

2. B=3, C=5, D=7 due to budgeting for staff

#### Objective 2

1. Integrate 2,3,7 into one objective.
2. Public use would determine pest management plan, probably
3. Pest management plan will be written and implemented in B,C and D within five years.
4. Variation among alternative will be captured in IPM plan relative to priority species and areas.

#### Objective 3

1. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. This will be greatest in the Restoration Alternative and smallest in the Public Use Alternative.

#### Objective 4

1. Resources would decrease from B to C to D have fewest resources committed.
2. B=High quality characteristics C=Critical habitat D=Focus only on disturbed habitat.

#### Objective 5

1. Need to know more about this to make educated judgment.
2. C=every three years, B=every year, C=bi-annually.....or something, we are not qualified to make final decision.
3. Schedule more monitoring with higher intensity of public use.

#### **Goal 2**

- a. Remains the same across all alternatives except setting restoration timelines
- b. Objective 1 and Objective 2 are now combined
- c. Objective 4 was removed
- d. Add new objective that specified upland managers and coops that could affect Chinook and native fish.

#### Remove Objective 4

- Combine Objectives 5,6,7,8
- Make new objective to include water quality, macro invertebrate and aquatic plants
- Make new objective concerned with non-native fish species.

#### **Goal 13**

- Within 10 years of inception of CCP?

#### **Goal 7**

- Remove comment about EIS process.
- Remove Objective 1 does not make sense
- Merge Objectives 3,4.
- Should we require permits for private users as well as commercial?

- Concern about recreation plan being developed after the CCP is complete and so may not have public input. Some would like to have recreation plan directly reviewed by the public.

**Goal 12**

Rewrite Objective 4

Remove Objective 5 because it's a strategy.

Reconcile alternatives with SMART qualifications

- What kind of access

Number of visitors

These discussions led to the following revised objectives.

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><b><i>Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin</i></b></p>			
	<p>1. Inventory all plant communities, plants and animals within upland habitat in the Monument and identify critical and sensitive areas and conservation targets within seven years with a higher priority on planned and existing public use areas.</p> <p><i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats and write an integrated pest management plan within five years. Continue exiting treatment</p>	<p>1. Inventory all plant communities, plants and animals within upland habitat in the Monument and identify critical and sensitive areas and conservation targets within five years with a higher priority on planned and existing public use areas.</p> <p><i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats and write an integrated pest management within five years. Continue exiting treatment activities</p>	<p>1. Inventory all plant communities, plants and animals within upland habitat in the Monument and identify critical and sensitive areas and conservation targets within three years with a higher priority on planned and existing public use areas.</p> <p><i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats and write an integrated pest management within five years. Continue exiting treatment activities</p>

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	<p>activities and implement a long term treatment and monitoring program based on IPM plan. <i>Strategy note: As strategies include levels of staffing, materials, and equipment needs.</i></p> <p>3. Restore the historic community structure of Monument upland habitat. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i> <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>4. Develop and implement a habitat management plan to identify critical areas for protection and prioritize areas with high quality characteristics for restoration projects within five years.</p> <p>5. Develop and implement monitoring plans that</p>	<p>and implement a long term treatment and monitoring program based on IPM plan. <i>Strategy note: As strategies include levels of staffing, materials, and equipment needs.</i></p> <p>3. Restore the historic community structure of Monument upland habitat. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i> <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>4. Develop and implement a habitat management plan to identify critical areas and focus on critical areas for protection and prioritize areas for restoration projects within five years.</p> <p>5. Develop and implement monitoring plans that</p>	<p>and implement a long term treatment and monitoring program based on IPM plan. <i>Strategy note: As strategies include levels of staffing, materials, and equipment needs.</i></p> <p>3. Restore the historic community structure of Monument upland habitat. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i> <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>4. Develop and implement a habitat management plan within five years. Focus restoration on future disturbance events.</p> <p>5. Develop and implement monitoring plans that</p>

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	<p>contribute to management decisions, and evaluate monitoring results. Monitoring will be scheduled according to intensity of public use and restoration program. Use adaptive management to modify actions (that incorporates/provides data or information on restoration efforts, ecosystem health wildlife populations and user impacts.) Notes: Monitoring would need to monitor success of restoration projects, trends of plant and animal communities, and be coordinated with fire and other resource programs. Effects of people on natural resources would be better captured under the public use goals</p>	<p>contribute to management decisions, and evaluate monitoring results. Monitoring will be scheduled according to intensity of public use and restoration program. Use adaptive management to modify actions (that incorporates/provides data or information on restoration efforts, ecosystem health wildlife populations and user impacts.) Notes: Monitoring would need to monitor success of restoration projects, trends of plant and animal communities, and be coordinated with fire and other resource programs. Effects of people on natural resources would be better captured under the public use goals</p>	<p>contribute to management decisions, and evaluate monitoring results. Monitoring will be scheduled according to intensity of public use and restoration program. Use adaptive management to modify actions (that incorporates/provides data or information on restoration efforts, ecosystem health wildlife populations and user impacts.) Notes: Monitoring would need to monitor success of restoration projects, trends of plant and animal communities, and be coordinated with fire and other resource programs. Effects of people on natural resources would be better captured under the public use goals</p>
<p><b><i>Goal 2. Conserve and restore the communities Chinook, native fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.</i></b></p>			
	<p>1. Implement fall Chinook and native fish research program to quantify relationship between physical conditions and productivity within one year. Implement monitoring program to determine trend in population relative to physical conditions.</p> <p>2. To further enhancement or restoration of fall Chinook and native fish</p>	<p>1. Implement fall Chinook and native fish research program to quantify relationship between physical conditions and productivity within one year. Implement monitoring program to determine trend in population relative to physical conditions.</p> <p>2. To further enhancement or restoration of fall Chinook and native fish</p>	<p>1. Implement fall Chinook and native fish research program to quantify relationship between physical conditions and productivity within one year. Implement monitoring program to determine trend in population relative to physical conditions.</p> <p>2. To further enhancement or restoration of fall Chinook and native fish</p>

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	<p>productivity, provide results of research and monitoring as they become available to ecological services and fishery resources working in river management forums.</p> <p>3. Continue working cooperatively with land managers to reduce impacts of land-based activities which could have an impact on Chinook and native fish productivity.</p> <p>4. Conduct baseline inventory for riparian plant and animal communities. Develop monitoring and restoration program within 5 years based on inventory and monitoring to enhance species diversity and habitat integrity.</p> <p>5. Conduct baseline inventories and monitor trends in water quality, distribution of macroinvertebrate populations and aquatic plant communities within five years.</p> <p>6. Conduct baseline inventory and monitoring of non-native fish communities and their habitats. Develop a management plan based on results within five years.</p>	<p>productivity, provide results of research and monitoring as they become available to ecological services and fishery resources working in river management forums.</p> <p>3. Continue working cooperatively with land managers to reduce impacts of land-based activities which could have an impact on Chinook and native fish productivity.</p> <p>4. Conduct baseline inventory for riparian plant and animal communities. Develop monitoring and restoration program within 5 years based on inventory and monitoring to enhance species diversity and habitat integrity.</p> <p>5. Conduct baseline inventories and monitor trends in water quality, distribution of macroinvertebrate populations and aquatic plant communities within five years.</p> <p>6. Conduct baseline inventory and monitoring of non-native fish communities and their habitats. Develop a management plan based on results within five years.</p>	<p>productivity, provide results of research and monitoring as they become available to ecological services and fishery resources working in river management forums.</p> <p>3. Continue working cooperatively with land managers to reduce impacts of land-based activities which could have an impact on Chinook and native fish productivity.</p> <p>4. Conduct baseline inventory for riparian plant and animal communities. Develop monitoring and restoration program within 5 years based on inventory and monitoring to enhance species diversity and habitat integrity.</p> <p>5. Conduct baseline inventories and monitor trends in water quality, distribution of macroinvertebrate populations and aquatic plant communities within five years.</p> <p>6. Conduct baseline inventory and monitoring of non-native fish communities and their habitats. Develop a management plan based on results within five years.</p>
<p><b><i>Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats.</i></b></p>			
	<p>1. Enhance Monument</p>		

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	<p>resources and connectivity by establishing working groups of interested, involved agencies and the public within 1 year. Meet quarterly.</p> <p>2. Identify funding opportunities from alternative sources, and identify funding needs within 2 years.</p> <p>3. Work with other partners to annually achieve a minimum increase of 10% of identified critical, connective properties.</p> <p>4. As an ongoing activity meet with 3-4 adjacent landowners annually to discuss common habitat/management objectives and future possibilities. (Comment: This may be a strategy rather than an objective)</p>		
<p><b><i>Goal 4. Protect the distinctive geological and paleontological resources of the Monument.</i></b></p>			
	<p>1. Identify, classify, and map G&amp;P resources.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on active protection and restoration.</p> <p>1: Conduct a structured, scientific inventory of existing data related to geologic and paleontologic resources of the</p>	<p>1. Identify, classify, map G&amp;P resources.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on stabilizing critical resource sites</p> <p>1: Conduct a structured, scientific inventory of existing data related to geologic and paleontologic resources of the</p>	<p>1. Identify, classify, and map G&amp;P resources.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on monitoring and minimizing human impacts.</p> <p>1: Conduct a structured, scientific inventory of existing data related to geologic and paleontologic</p>

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	<p>Monument and maintain/consolidate in one repository.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>	<p>Monument and maintain/consolidate in one repository.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>	<p>resources of the Monument and maintain/consolidate in one repository.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>
<p><b><i>Goal5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area’s past.</i></b></p>			
	<p>1. Within 2 years of CCP completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement- need to capture info soon because people are dying.)</p> <p>2. Begin to develop an</p>	<p>1. Within 2 years of CCP completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement- need to capture info soon because people are dying.)</p> <p>2. Begin to develop an</p>	<p>1. Within 2 years of CCP completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement- need to capture info soon because people are dying.)</p> <p>2. Begin to develop an</p>

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	<p>integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>	<p>integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>	<p>integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>
<p><b><i>Goal 6. Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.</i></b></p>			
<p>We assume that all of the natural and cultural resources will go through an identification, classification, and</p>	<p>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</p>	<p>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</p>	<p>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</p>

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<p>mapping process.</p>	<p>2. Analyze needs.</p> <p>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Public Use limited by intensive management of techniques (increase offsite educational opportunities, limited onsite use zones and times. remote interpretation, web cam's, offsite visitor center.)</p>	<p>2. Analyze needs.</p> <p>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Use integrated management of visitors (guided opportunities, in-school Environmental Education, limit self guided trails to less than two mile interpretive trail that traverses representative habitats, offsite visitor center.)</p>	<p>2. Analyze needs.</p> <p>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Use interactive management of visitors (self-guided trails to include mini and longer, kiosks on site, cassette tapes tours, handouts)</p>
<p align="center"><b><i>Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.</i></b></p>			
<p>Current Hunting: waterfowl, upland bird, big game in Wahluke</p>	<p>1. Develop a recreation use plan and suitability analysis to identify access zones and associated compatible activities/facilities with public review and input within five years. Plan will ensure little development and a narrower range of activities.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example: Level I= existing</p>	<p>1. Develop a recreation use plan and suitability analysis and identify access zones and associated compatible activities/facilities within five years. Plan will focus on perimeter of monument associated with compatible activities.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example: Level I= existing development such as highways, Vernita Rest</p>	<p>1. Develop a recreation use plan and suitability analysis and identify access zones and associated compatible activities/facilities within five years. Plan with more development throughout the monument and widest range of activities.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example: Level I= existing development such as highways, Vernita Rest</p>

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	<p>development such as highways, Vernita Rest stop</p> <p>Level II= disturbed areas such as Riverlands, white area in BRMP</p> <p>Level III= gray area in BRMP such as</p> <p>Level IV= most of ALE</p> <p>Level V = Umtanum desert buckwheat population, prehistoric burial sites</p> <p>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>No hunting-note: this is not considered realistic by Group 5 but probably does need to be included in one alternative to avoid lawsuit.</p> <p>2. Survey visitors to determine quality of experience by activity, season, and area within the Monument and their resource protection and perception of monument management.</p> <p>3. Develop visitor services plan that integrates transportation needs considering alternative forms of transportation in conjunction with recreation and infrastructure plan.</p> <p>4. Determine carrying capacity of monument lands and use results to develop a user permit system for commercial</p>	<p>stop</p> <p>Level II= disturbed areas such as Riverlands, white area in BRMP</p> <p>Level III= gray area in BRMP such as</p> <p>Level IV= most of ALE</p> <p>Level V = Umtanum desert buckwheat population, prehistoric burial sites</p> <p>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>Open xx to provide a range of high-quality opportunities waterfowl, big game and upland bird, safe</p> <p>2. Survey visitors to determine quality of experience by activity, season, and area within the Monument and their resource protection and perception of monument management.</p> <p>3. Develop visitor services plan that integrates transportation needs considering alternative forms of transportation in conjunction with recreation and infrastructure plan.</p> <p>4. Determine carrying capacity of monument lands and use results to develop a user permit system for commercial vendors on monument lands within one year.</p>	<p>stop</p> <p>Level II= disturbed areas such as Riverlands, white area in BRMP</p> <p>Level III= gray area in BRMP such as</p> <p>Level IV= most of ALE</p> <p>Level V = Umtanum desert buckwheat population, prehistoric burial sites</p> <p>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>Open xx (more than Care)</p> <p>2. Survey visitors to determine quality of experience by activity, season, and area within the Monument and their resource protection and perception of monument management.</p> <p>3. Develop visitor services plan that integrates transportation needs considering alternative forms of transportation in conjunction with recreation and infrastructure plan.</p> <p>4. Determine carrying capacity of monument lands and use results to develop a user permit system for commercial vendors on monument lands within one year. Commercial vendor</p>

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	<p>vendors on monument lands within one year. Commercial vendor permits must be compatible with resource protection and high quality recreation.</p>	<p>Commercial vendor permits must be compatible with resource protection and high quality recreation.</p>	<p>permits must be compatible with resource protection and high quality recreation.</p>
<p><b><i>Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.</i></b></p>			
	<p>1. Within 2 years of CCP completion, USFWS will develop design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>3. Within 3 years of the plan being completed, a completed inventory of all research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p>4. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000</p>	<p>1. Within 2 years of CCP completion, USFWS will develop design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>3. Within 3 years of the plan being completed, a completed inventory of all research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p>4. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000</p>	<p>1. Within 2 years of CCP completion, USFWS will develop design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>3. Within 3 years of the plan being completed, a completed inventory of all research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p>4. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000</p>

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	<p>foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for off-site projects that could affect the Monument viewshed or solitude.</p> <p>6. New construction and uses will be consolidated to minimize the foot print of potential development wherever possible.</p> <p>7. Develop standards for noise within the Monument.</p> <p>8. Within 10 years of plan completion the CCP comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>9. Treat invasive species that impact visual and ecological integrity in accordance with an overall</p>	<p>foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. . (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for projects that could affect the Monument viewshed or solitude.</p> <p>6. New construction and uses will be consolidated to minimize the foot print of potential development.</p> <p>7. Limit noise in the Monument below XXXX decibels.</p> <p>8. Within 10 years of plan completion the CCP comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>9. Treat invasive species that impact visual and ecological integrity in accordance with an overall Integrated Pest Management (IPM) plan.</p>	<p>foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. . (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for projects that could affect the Monument viewshed or solitude.</p> <p>6. New construction and uses will be consolidated to minimize the foot print of potential development.</p> <p>7. Limit noise in the Monument below XXXX decibels.</p> <p>8. Within 10 years of plan completion the CCP comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>9. Treat invasive species that impact visual and ecological integrity in accordance with an overall Integrated Pest Management (IPM) plan.</p>

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	<p>Integrated Pest Management (IPM) plan. (strategy note: IPM plan will be ecologically not visually based).</p> <p>10. Within 1 year of plan completion, the FWS will utilize available information and findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>2. Develop a landscape design standards plan to guide facility design to protect visual resource qualities.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the</p>	<p>(strategy note: IPM plan will be ecologically not visually based).</p> <p>10. Within 1 year of plan completion, the FWS will utilize available information and findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p>11. If camping is allowed, USFWS will establish noise limits from dusk to dawn.</p> <p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>2. Develop a landscape design standards plan to guide facility design to protect visual resource qualities.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the</p>	<p>(strategy note: IPM plan will be ecologically not visually based).</p> <p>10. Within 1 year of plan completion, the FWS will utilize available information and USGS findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p>11. If camping is allowed, USFWS will establish noise limits from dusk to dawn.</p> <p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>2. Develop a landscape design standards plan to guide facility design to protect visual resource qualities.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the</p>

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	<p>Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>	<p>Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>	<p>Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>
<p><b><i>Goal 9 Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.</i></b></p>			
	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection, inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection, inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection, inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>
<p><b><i>Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.</i></b></p>			
	<p>1. Maintain proactive communication with “rights holders” and</p>	<p>1. Maintain proactive communication with “rights holders” and</p>	<p>1. Maintain proactive communication with “rights holders” and</p>

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	<p>concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>
<p><b><i>Goal 11. Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.</i></b></p>			
	<p>1. Establish an <del>ecologically based</del> research and monitoring program to study the natural, physical and cultural resources (of the Monument).</p> <p>2. Research emphasis will be on rare species and plant communities and research that contributes towards management of the Monument.</p>	<p>1. Establish an <del>ecologically based</del> research and monitoring program to study the natural, physical and cultural resources (of the Monument).</p> <p>2. A wide range of research relevant to Monument management is allowed with a strong emphasis on providing education opportunities. <i>Consider broadening the scope to include basic research other than research that contributes to Monument management.</i></p>	<p>1. Establish an <del>ecologically based</del> research and monitoring program to study the natural, physical and cultural resources (of the Monument).</p> <p>2. A wide range of research relevant to Monument management is allowed with a strong emphasis on providing education opportunities. <i>Consider broadening the scope to include basic research other than research that contributes to Monument management.</i></p>

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	<p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p>5. Student involvement in field research would predominantly be university graduate students.</p>	<p><i>NOTE: Consider an advisory peer review committee to review and approve research proposals.</i></p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p>5. Emphasize field studies by students from all grade levels and university.</p>	<p><i>NOTE: Consider an advisory peer review committee to review and approve research proposals.</i></p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p>5. Emphasize field studies by students from all grade levels and university.</p>
<p><b><i>Goal 12. Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.</i></b></p>			
	<p>1. Develop Fire Education and Prevention Program. Include public education regarding prescribed fire, fire fighting, fire safety, fire prevention and public safety such as evacuation routes within 5 years. Following development of this plan, implementation will occur for the next 10 year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective,</p>	<p>1. Develop Fire Education and Prevention Program. Include public education regarding prescribed fire, fire fighting, fire safety, fire prevention and public safety such as evacuation routes within 5 years. Following development of this plan, implementation will occur for the next 10 year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective,</p>	<p>1. Develop Fire Education and Prevention Program. Include public education regarding prescribed fire, fire fighting, fire safety, fire prevention and public safety such as evacuation routes within 5 years. Following development of this plan, implementation will occur for the next 10 year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective,</p>

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	<p>should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Revise existing fire management plan to ensure compliance with CCP and agency policy within 5 years. Update the Fire Management Plan annually. Integrate Fire Management into all Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment,</p>	<p>should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Revise existing fire management plan to ensure compliance with CCP and agency policy within 5 years. Update the Fire Management Plan annually. Integrate Fire Management into all Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment,</p>	<p>should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Revise existing fire management plan to ensure compliance with CCP and agency policy within 5 years. Update the Fire Management Plan annually. Integrate Fire Management into all Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment,</p>

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	<p>public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other. (Also question about SMART)</i></p>	<p>public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other. (Also question about SMART)</i></p>	<p>public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other. (Also question about SMART)</i></p>
<p><b><i>Goal 13. Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.</i></b></p>			
<p>Infrastructure = roads, wells, septic systems, parking lots, gates, powerlines, canals, dikes, alternative modes of transportation, boat launch guzzlers, visitor center, trails, fences, buildings, ponds, firebreaks, toilets, garbage etc.</p> <p>Also suggest using cameras for fire monitoring.</p>	<p>1. Identify, classify, and map current infrastructure within one year.</p> <p>2. Analyze Monument infrastructure needs, write infrastructure plan including transportation within five years.</p> <p>3. Maintain, improve, build or eliminate unnecessary infrastructure based on protection needs, low-impact priorities, and aesthetics (reduce roads and parking areas; ensure firefighting capability,</p>	<p>1. Identify, classify, and map current infrastructure within one year.</p> <p>2. Analyze Monument infrastructure needs, write infrastructure plan including transportation within five years.</p> <p>3. Maintain, improve, build, or eliminate unnecessary infrastructure based on protection and visitation needs. (concentrated infrastructure likely including offsite facilities,</p>	<p>1. Identify, classify, and map current infrastructure within one year.</p> <p>2. Analyze Monument infrastructure needs, write infrastructure plan including transportation within five years.</p> <p>3. Maintain, improve, build, or eliminate infrastructure based on protection and visitation needs. (even more infrastructure needs likely including on site visitor center, determine modes</p>

Alternative A Current Management	Alternative B Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C Conservation of Proclamation Resources With Concentration of Facilities	Alternative D Conservation of Proclamation Resources With a Public Use Emphasis
	determine modes of access)	determine modes of access)	of access)

### Group 4 report

Group 4 color-coded all the objectives from the previous workshop by what was consistent across all alternatives, what varied, what ones need to be combined and where they needed new ones. In this way, they achieved an overall picture on what they already had for objectives. Then they will go back and change the ones they noted and add new ones where needed.

*Group Participants: Paul LaRiviere, Betsy Bloomfield, Greg Hughes, Holly, Everell, Ron, Rick Leaumont, Mary Hollen*

Goal 1 Objectives 1 (changed) 2, 3 applied across alternatives  
Emphasis may change. We considered adding Objective 8.9 to 1.3 but didn't finalize.

Goal 1 Objectives 4, 5 are really strategies of our New Objective 1.7 see below

Objective 1.6, edited

Objective 1.7 deleted

Revised Objective 1.1 Using existing inventories identify data gaps and direct inventorying to fill those gaps.

New Objective 1.7 Using science based site planning, select biologically diverse conservation targets for threat abatement strategies. MOVE THIS UP TO FOLLOW 1.1

New Objective 1.8 White Bluffs

Objective 2.3, 2.11 combine or create a revised objective. Done. Eliminate 2.4. Done.

Objective 2.7 consistent across alternatives.

Objective 2.6 varies across alternatives.

Objective 2.9 varies, and should be split into multiple objectives (merged into 5), combine with 2.5 and 2.10. Done.

New Objective 2.12 Addressing monitoring water quality trends and impacts on fish populations

New. Objective 2.11 White Bluffs

Objective 2.1, 2.2, 2.5, 2.8 all consistent across alternatives

Objective 3.1, 3.2, 3.3, 3.4 the same across alternatives. Add. 'Identify critical property for purposes of habitat connectivity' to 3.1 and make the rest strategies.

Objective 4.2 'Conduct threat analysis' is appropriate for all the goals

Objective 4.3 varies across the alternatives, making it specific to each alternative. Ron working.

Objective 5.'s stay same across alternatives

Objective 6.1, 6.2, 6.3 stay the same, but 6.4 varies across alternatives

Objective 6.4 strategies need work under alternatives C and D. Analysis objectives are very similar. Call out recreational analysis in an objective. Some disagreement with this thought. Changed.

Consider combining Goals 6 and 7.

Objective 7.\_ (first) varies across alternatives

New Objective 7.\_ Monitoring impacts

Objective 8.1-10 Same across alternatives.

Cut it down. Suggested eliminations 8.7, 8.9 (repeats 1.3). Done.

Objective 8.11 eliminated, it's a strategy

New Objective 8.12 Complete inventory of visual resources (it was a strategy).

Goal 9 objectives are the same across alternatives

Goal 10 objectives are the same across alternatives

Objective 11, 1 and 2 need work.

Objective 11.2 and 11.5 vary, others stay the same. Eliminate 3 as being a strategy. 11.4 could be incorporated into another and split, too. May need to add objectives. Conflict between LIGO and wind project. Others may disagree..

Objective 12.1 stays the same across alternatives

Objective 12.2, 12.3, are strategies. Take them out. Actually 12.2 is covered in the cooperative partnerships goal.

Objective 12.4 Is a strategy – take it out.

Objective 12.5, 12.7 combine and add fire prevention to 12.1.

Objective 12.6 stays the same for all alternatives.

Objective 13.1, 13.2 stay the same, 13.3 varies across alternatives

NEXT priorities: smarten in the following order -

Habitat, resource protection goal objectives 1,2

Public use goal objectives 7,8

Within those goals: New objectives, Combined/split objectives, Varying objectives

Remaining goals: New, Combined/split, Varying

Remaining consistent objectives

Goal 1 and 2 inventory objectives: Betsy

All Strategies should be lettered, not numbered.

These discussions led to the following objectives.

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><i>Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin</i></p>			
	<p>1. Using existing inventories identify data gaps and direct additional inventorying to fill those gaps.</p> <p><i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC</i></p>	<p>1. Using existing inventories identify data gaps and direct additional inventorying to fill those gaps.</p> <p><i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC</i></p>	<p>1. Using existing inventories identify data gaps and direct additional inventorying to fill those gaps.</p> <p><i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC</i></p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p><i>for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats within five years.</p> <p>3. Write an integrated pest management plan within two years after completion of the CCP.</p> <p>7.a Restore the historic community structure of Monument upland habitat. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i>  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>7.b. Develop and implement a habitat management plan to identify critical areas for protection and prioritize</p>	<p><i>for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats within five years.</p> <p>3. Write an integrated pest management plan within two years after completion of the CCP</p> <p>7.a. Restore the historic community structure of Monument upland habitat. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i>  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>7.b. Develop and implement a habitat management plan to identify critical areas for protection and prioritize</p>	<p><i>for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats within five years.</p> <p>3. Write an integrated pest management plan within two years after completion of the CCP</p> <p>7.a. Restore the historic community structure of Monument upland habitat. Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i>  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>7.b. Develop and implement a habitat management plan to identify critical areas for protection and prioritize</p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>areas for restoration projects within five years.</p> <p>6. Develop and implement monitoring plans that contribute to management decisions, and evaluate monitoring results. Use adaptive management to modify actions.</p> <p>7. Using science based site planning, select biologically diverse conservation targets for threat abatement strategies.</p> <p>8. Within 1 year of plan completion, the FWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p><i>Strategy note: As strategies include levels of staffing, materials, and equipment needs. No. 7 is redundant of No. 3</i></p>	<p>areas for restoration projects within five years.</p> <p>6. Develop and implement monitoring plans that contribute to management decisions, and evaluate monitoring results. Use adaptive management to modify actions</p> <p>7. Using science based site planning, select biologically diverse conservation targets for threat abatement strategies.</p> <p>8. Within 1 year of plan completion, the FWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p><i>Strategy note: As strategies include levels of staffing, materials, and equipment needs. Same as B</i></p>	<p>areas for restoration projects within five years.</p> <p>6. Develop and implement monitoring plans that contribute to management decisions, and evaluate monitoring results. Use adaptive management to modify actions</p> <p>7. Using science based site planning, select biologically diverse conservation targets for threat abatement strategies.</p> <p>8. Within 1 year of plan completion, the FWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p><i>Strategy note: As strategies include levels of staffing, materials, and equipment needs. Same as B</i></p>
<p><b><i>Goal 2. Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.</i></b></p>			
	<p>1. Implement fall Chinook research program to quantify relationship between physical conditions and productivity.</p> <p>2. Implement program to determine trend in</p>		

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>population relative to physical conditions.</p> <p>3. In cooperation with other agencies and stakeholders, conduct a gap analysis of research needs. Complete research,, and monitor natural fall Chinook productivity together with other species. Share results of research and monitoring with fish management forums.</p> <p>5. Conduct baseline inventory of riparian native and non-native plant and animal communities.</p> <p>6. Conduct monitoring program (for “before” time period) to determine changes in riparian community before and after restoration is conducted</p> <p>7. Within 5 years, write restoration plan based on baseline inventory.</p> <p>8. Conserve and maintain diversity of native aquatic and riparian species.</p> <p>10. Monitor water quality and quantity trends, and impacts on all fish species and their habitats.</p> <p>11. Within 1 year of plan completion, the FWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible</p>		

Alternative A  Current Management	Alternative B  Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C  Conservation of Proclamation Resources With Concentration of Facilities	Alternative D  Conservation of Proclamation Resources With a Public Use Emphasis
	recommendations that protect the integrity of the White Bluffs and Locke Island.		
<b><i>Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats.</i></b>			
	<p>1. Enhance Monument resources establishing working groups of interested, involved agencies and stakeholders to identify properties with high potential to achieve habitat connectivity within 1 year.</p> <p>a. Work with other partners to annually protect at least an increase of 10% of identified habitats.</p> <p>b. Identify funding opportunities from alternative sources, and identify funding needs within 2 years.</p> <p>c.. As an ongoing activity meet with identified adjacent landowners and managers annually to discuss common habitat/management objectives and future possibilities.</p>		
<b><i>Goal 4. Protect the distinctive geological and paleontological resources of the Monument.</i></b>			
	1. Identify, classify, and	1. Identify, classify, map	1. Identify, classify, and

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>map G&amp;P resources.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on active protection and restoration.</p> <p>1: Conduct a structured, scientific inventory of existing data related to geologic and paleontologic resources of the Monument and maintain/consolidate in one repository.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>	<p>G&amp;P resources.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on stabilizing critical resource sites</p> <p>1: Conduct a structured, scientific inventory of existing data related to geologic and paleontologic resources of the Monument and maintain/consolidate in one repository.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>	<p>map G&amp;P resources.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on monitoring and minimizing human impacts.</p> <p>1: Conduct a structured, scientific inventory of existing data related to geologic and paleontologic resources of the Monument and maintain/consolidate in one repository.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>
<p><b><i>Goal5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area’s past.</i></b></p>			
	<p>1. Within 2 years of CCP</p>	<p>1. Within 2 years of CCP</p>	<p>1. Within 2 years of CCP</p>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement- need to capture info soon because people are dying.)</p> <p>2. Begin to develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>	<p>completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement- need to capture info soon because people are dying.)</p> <p>2. Begin to develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>	<p>completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement- need to capture info soon because people are dying.)</p> <p>2. Begin to develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><i>Goal 6. Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.</i></p>			
<p>We assume that all of the natural and cultural resources will go through an identification, classification, and mapping process.</p>	<ol style="list-style-type: none"> <li>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</li> <li>2. Analyze needs. Monitor program effectiveness</li> <li>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</li> <li>4. Education and interpretation programs are limited to off-site audiences and restricted on-site activities,               <ol style="list-style-type: none"> <li>a. (increase offsite educational opportunities, limited onsite use zones and times. remote interpretation, web cam's, offsite visitor center.)</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</li> <li>2. Analyze needs. Monitor program effectiveness</li> <li>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</li> <li>4. Develop and implement integrated education and interpretation programs that target offsite and limited on-site audiences               <ol style="list-style-type: none"> <li>a. (guided opportunities, in-school Environmental Education, limit self guided trails to less than two mile interpretive trail that traverses representative habitats, offsite visitor center.)</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. Identify, classify, and map existing and potential regional and Monument educational and interpretive opportunities.</li> <li>2. Analyze needs. Monitor program effectiveness</li> <li>3. Provide educational and interpretive opportunities based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</li> <li>4. Develop and implement static and interactive education and interpretation programs both on and off site.               <ol style="list-style-type: none"> <li>a. (self-guided trails to include mini and longer, kiosks on site, cassette tapes tours, handouts).</li> </ol> </li> </ol>
<p><i>Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.</i></p>			
<p>Current Hunting: waterfowl, upland bird, big game in Wahluke</p>	<ol style="list-style-type: none"> <li>1. Develop a recreation suitability analysis for all Monument areas to identify access zones/areas and activities and facilities that are compatible with resource protection. Base access decisions on the</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop a recreation suitability analysis for all Monument areas to identify access zones/areas and activities and facilities that are compatible with resource protection. Base access decisions on the</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop a recreation suitability analysis for all Monument areas to identify access zones/areas and activities and facilities that are compatible with resource protection. Base access decisions on the</li> </ol>

<p><b>Alternative A</b></p> <p><b>Current Management</b></p>	<p><b>Alternative B</b></p> <p><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p><b>Alternative C</b></p> <p><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p><b>Alternative D</b></p> <p><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>results of this analysis.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. For example: Level I= existing development such as highways, Vernita Rest stop Level II= disturbed areas such as Riverlands, white area in BRMP Level III= gray area in BRMP such as Level IV= most of ALE Level V = Umtanum desert buckwheat population, prehistoric burial sites This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p><i>No hunting-note: this is not considered realistic by Group 5 but probably does need to be included in one alternative to avoid lawsuit.</i></p> <p>a. Create a measurement that assesses levels of resource protection tied with visitor experience. (Some level less than carrying capacity)</p> <p>b. Survey visitors seasonally for a period of five years to determine quality of</p>	<p>results of this analysis.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. For example: Level I= existing development such as highways, Vernita Rest stop Level II= disturbed areas such as Riverlands, white area in BRMP Level III= gray area in BRMP such as Level IV= most of ALE Level V = Umtanum desert buckwheat population, prehistoric burial sites This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>Open xx to provide a range of high-quality opportunities waterfowl, big game and upland bird, safe</p> <p>a. Create a measurement that assesses levels of resource protection tied with visitor experience. (Some level less than carrying capacity)</p> <p>b. Survey visitors seasonally for a period of five years to determine quality of experience by</p>	<p>results of this analysis.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. For example: Level I= existing development such as highways, Vernita Rest stop Level II= disturbed areas such as Riverlands, white area in BRMP Level III= gray area in BRMP such as Level IV= most of ALE Level V = Umtanum desert buckwheat population, prehistoric burial sites This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p>Open xx (more than Care)</p> <p>a. Create a measurement that assesses levels of resource protection tied with visitor experience. (Some level less than carrying capacity)</p> <p>b. Survey visitors seasonally for a period of five years to determine quality of</p>

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	<p>experience by activity, season, and area within the Monument.</p> <p>c. Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides). <i>NOTE: Prepare transit/shuttle plan.</i></p> <p>d. Develop visitor services plan that integrates transportation needs.</p> <p>e. Use permit system for commercial vendors.</p> <p>f. Asses closed areas first</p> <p>2. Develop and implement a public use (current and future) monitoring and analysis plan. Review public access decisions for potential revision based on the results.</p>	<p>activity, season, and area within the Monument.</p> <p>c. Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides). <i>NOTE: Prepare transit/shuttle plan.</i></p> <p>d. Develop visitor services plan that integrates transportation needs.</p> <p>e. Use permit system for commercial vendors.</p> <p>f. Asses closed areas first</p> <p>2. Develop and implement a public use (current and future) monitoring and analysis plan. Review public access decisions for potential revision based on the results.</p>	<p>experience by activity, season, and area within the Monument.</p> <p>c. Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides). <i>NOTE: Prepare transit/shuttle plan.</i></p> <p>d. Develop visitor services plan that integrates transportation needs.</p> <p>e. Use permit system for commercial vendors.</p> <p>f. Assess closed areas first</p> <p>2. Develop and implement a public use (current and future) monitoring and analysis plan. Review public access decisions for potential revision based on the results.</p>
<p><b><i>Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.</i></b></p>			
	<p>1. Within 2 years of CCP completion, USFWS will develop design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p>	<p>1. Within 2 years of CCP completion, USFWS will develop design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p>	<p>1. Within 2 years of CCP completion, USFWS will develop design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments.</p> <p>2. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p>

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	<p>3. Within 3 years of the plan being completed, a completed inventory of all research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p>8a.. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for off-site projects that could affect the Monument viewshed or solitude.</p> <p>1.b.. New construction and uses will be consolidated to minimize the foot print of potential development wherever possible.</p> <p>7. Develop standards for noise within the</p>	<p>3. Within 3 years of the plan being completed, a completed inventory of all research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p>8.a. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. . (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for projects that could affect the Monument viewshed or solitude.</p> <p>1.b. New construction and uses will be consolidated to minimize the foot print of potential development.</p> <p>7. Develop standards for noise within the</p>	<p>3. Within 3 years of the plan being completed, a completed inventory of all research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p>8a. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. . (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>5. The FWS will actively participate in planning efforts for projects that could affect the Monument viewshed or solitude.</p> <p>1.b. New construction and uses will be consolidated to minimize the foot print of potential development.</p> <p>7. Develop standards for noise within the</p>

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	<p>Monument.</p> <p>8. Within x years of plan completion the CCP comprehensive transportation system plan will be written and implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>X. Within 1 year of plan completion, the FWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p>12. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>a). Develop a landscape design standards plan to guide facility design to protect visual resource</p>	<p>Monument.</p> <p>a). Limit noise in the Monument below XXXX decibels.</p> <p>8. Within 1x years of plan completion the CCP comprehensive transportation system plan will be written and implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>X.. Within 1 year of plan completion, the FWS will utilize available information and findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p>11. If camping is allowed, USFWS will establish noise limits from dusk to dawn.</p> <p>12. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>a). Develop a landscape design standards plan to guide facility design to protect visual resource</p>	<p>Monument.</p> <p>a). Limit noise in the Monument below XXXX decibels.</p> <p>8. Within x years of plan completion the CCP comprehensive transportation system plan will be written and implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>X. Within 1 year of plan completion, the FWS will utilize available information and USGS findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p> <p>11. If camping is allowed, USFWS will establish noise limits from dusk to dawn.</p> <p>12. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class</p> <p>a). Develop a landscape design standards plan to guide facility design to protect visual resource</p>

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	<p>qualities.</p> <p>b). Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>c). Provide X areas on the Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>	<p>qualities.</p> <p>b). Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>c). Provide X areas on the Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>	<p>qualities.</p> <p>b). Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>c). Provide X areas on the Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>
<p><b>Goal 9 Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.</b></p>			
	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection,</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection,</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for artifact collection,</p>

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	inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).	inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).	inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).
<p><b><i>Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.</i></b></p>			
	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>4. Establish on-site community-based outreach program within one year of completion of CCP.</p>
<p><b><i>Goal 11. Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.</i></b></p>			
	1. Establish an ecologically based research and monitoring program to study the natural, physical and cultural resources (of the Monument).	1. Establish an ecologically based research and monitoring program to study the natural, physical and cultural resources (of the Monument).	1. Establish an ecologically based research and monitoring program to study the natural, physical and cultural resources (of the Monument).

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	<p>a. Research emphasis will be on rare species and plant communities and research that contributes towards management of the Monument.</p> <p>a). Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>b). Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p>c). Student involvement in field research would predominantly be university graduate students.</p>	<p>a. A wide range of research relevant to Monument management is allowed with a strong emphasis on providing education opportunities. <i>Consider broadening the scope to include basic research other than research that contributes to Monument management.</i> <i>NOTE: Consider an <del>advisory</del> peer review committee to review and approve research proposals.</i></p> <p>a). Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>b). Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p>c). Emphasize field studies by students from all grade levels and university.</p>	<p>a. A wide range of research relevant to Monument management is allowed with a strong emphasis on providing education opportunities. <i>Consider broadening the scope to include basic research other than research that contributes to Monument management.</i> <i>NOTE: Consider an <del>advisory</del> peer review committee to review and approve research proposals.</i></p> <p>a). Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>b). Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p>c). Emphasize field studies by students from all grade levels and university.</p>
<p><b><i>Goal 12. Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.</i></b></p>			
	<p>1. Develop a Comprehensive Fire Prevention and Education Program with relationship to Fire Management (including public education regarding prescribed fire,</p>	<p>1. Develop a Comprehensive Fire Prevention and Education Program with relationship to Fire Management (including public education regarding prescribed fire,</p>	<p>1. Develop a Comprehensive Fire Prevention and Education Program with relationship to Fire Management (including public education regarding prescribed fire,</p>

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	<p>fire fighting, and fire safety and prevention, public safety {evacuation routes}) with in 5 years of the approval of CCP. Following development of this plan, implementation will occur for the next 10-year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective, should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan. Integrate Fire Management into all</p>	<p>fire fighting, and fire safety and prevention, public safety {evacuation routes}) with in 5 years of the approval of CCP. Following development of this plan, implementation will occur for the next 10-year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective, should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan. Integrate Fire Management into all</p>	<p>fire fighting, and fire safety and prevention, public safety {evacuation routes}) with in 5 years of the approval of CCP. Following development of this plan, implementation will occur for the next 10-year period. {the term of the CCP}(Including educational materials, signs, presentations, as strategies) Note: we are wondering if public education plan, which was our original objective, should instead be a strategy under fire prevention objective.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan. Integrate Fire Management into all</p>

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	<p>Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment, public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other. (Also question about SMART)</i></p>	<p>Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment, public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other. (Also question about SMART)</i></p>	<p>Monument/Refuge programs to ensure consistency across management including; biological, cultural, public use and maintenance programs (including number of fire stations/locations, water sources, detection means and dispatch capabilities, fire fighting staff and amount of equipment, public educational needs, seasonal restrictions).</p> <p>5. Use prescribed fire to accomplish resource management objectives.</p> <p>6. Identify capital needs for facilities (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other. (Also question about SMART)</i></p>
<p><b><i>Goal 13. Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.</i></b></p>			
<p>Infrastructure = roads, wells, septic systems, parking lots, gates, powerlines, canals, dikes, alternative modes of transportation, boat</p>	<p>1. Identify, classify, and map current infrastructure. 2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.</p>	<p>1. Identify, classify, and map current infrastructure. 2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.</p>	<p>1. Identify, classify, and map current infrastructure. 2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.</p>

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launch guzzlers, visitor center, trails, fences, buildings, ponds, firebreaks, toilets, garbage etc.  Also suggest using cameras for fire monitoring.	3. Maintain, improve, build or eliminate infrastructure based on protection needs, low-impact priorities, and aesthetics (reduce roads and parking areas; ensure firefighting capability, determine modes of access)	3. Maintain, improve, build, or eliminate infrastructure based on protection and visitation needs. (increased infrastructure likely including offsite visitor center, determine modes of access)	3. Maintain, improve, build, or eliminate infrastructure based on protection and visitation needs. (even more infrastructure needs likely including on site visitor center, determine modes of access)

### Group 5 report

Group 5 started out identifying details of each objective, but decided they were moving too slowly, so they changed direction to work more generally. They looked at each objective from the previous workshop to see if they are good quality and if they are missing anything, then they went go back and worked the detail later once they went through all of them. Lastly, they went back and made them SMART.

This process resulted in the following objectives.

<b>Alternative 1 (A)</b>  <b>Current Management</b>	<b>Alternative 2 (B)</b>  <b>Conservation of Proclamation Resources with a Restoration Emphasis</b>	<b>Alternative 3 (C)</b>  <b>Conservation of Proclamation Resources with Concentration of Facilities</b>	<b>Alternative 4 (D)</b>  <b>Conservation of Proclamation Resources with a Public Use Emphasis</b>
<i>Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin</i>			
	1. Inventory all plant communities and animal populations within upland habitat in the Monument and identify critical and sensitive areas and conservation targets within 3 years. <i>Strategy Note: Conduct vegetation mapping using protocol developed by YTC for consistency. Incorporate locations of</i>		

Alternative 1 (A) Current Management	Alternative 2 (B) Conservation of Proclamation Resources with a Restoration Emphasis	Alternative 3 (C) Conservation of Proclamation Resources with Concentration of Facilities	Alternative 4 (D) Conservation of Proclamation Resources with a Public Use Emphasis
	<p><i>plants and animals into GIS.</i></p> <p>2. Under principles of conservation biology for site planning, select conservation targets that represent multiple scales of biodiversity, assess the threats to the targets. Develop and implement a habitat management plan to identify critical areas for protection, threat abatement strategies, restoration priorities, and monitoring.</p> <p>3. Complete an integrated pest management plan within 1 year after completion of the CCP and begin implementation. Note –the plan will address inventory, mapping, and prioritization of treatment areas. Priorities will be based upon ecological needs rather than aesthetics.</p>		
<p><b><i>Goal 2. Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.</i></b></p>			
	<p>1. Implement monitoring program to determine trends in fall Chinook and other aquatic organisms relative to physical conditions of the river. This assumes an inventory has been completed.</p> <p>2. Add Non-riverine</p>		

Alternative 1 (A) Current Management	Alternative 2 (B) Conservation of Proclamation Resources with a Restoration Emphasis	Alternative 3 (C) Conservation of Proclamation Resources with Concentration of Facilities	Alternative 4 (D) Conservation of Proclamation Resources with a Public Use Emphasis
	<p>wetlands protection and restoration objective.</p> <p>3. Add Land based management protective of aquatic objective</p> <p>4. Add monitoring objective for water quality.</p> <p>5. Add objective to control disturbance of migratory or nesting or wintering birds on the river.</p>		
<p><b>Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats.</b></p>			
	<p>1. Enhance Monument resources and connectivity by establishing working groups of interested, involved agencies and the public within 1 year. Meet quarterly.</p> <p>2. Identify funding opportunities from alternative sources, and identify funding needs within 2 years.</p> <p>3. Work with other partners to annually achieve a minimum increase of 10% of identified critical, connective properties.</p> <p><i>Need to reword this one.</i></p> <p>4. As an ongoing activity</p>		

Alternative 1 (A) Current Management	Alternative 2 (B) Conservation of Proclamation Resources with a Restoration Emphasis	Alternative 3 (C) Conservation of Proclamation Resources with Concentration of Facilities	Alternative 4 (D) Conservation of Proclamation Resources with a Public Use Emphasis
	<p>meet with 3-4 adjacent landowners annually to discuss common habitat/management objectives and future possibilities. (Comment: This may be a strategy rather than an objective)</p> <p><i>We accepted all these objectives as reasonable.</i></p> <p><i>Note – need to characterize the habitat bridges and connectivity areas and species in the CCP.</i></p>		
<p><b>Goal 4. Protect the distinctive geological and paleontological resources of the Monument.</b></p>			
	<p><i>We want to write the following objectives:</i></p> <p><i>Inventory</i> <i>Conduct threats analysis</i> <i>Monitoring program</i> <i>Implement protection strategies</i></p> <p>1: Compile existing data and conduct a structured, scientific inventory of existing data related to geologic and paleontologic resources of the Monument and maintain/consolidate in one repository.</p> <p>2. Conduct threats analysis on resources.</p> <p>3. Design and implement a threat abatement strategy that focuses on active protection and restoration. Focus White</p>		

<p><b>Alternative 1 (A)</b> <b>Current Management</b></p>	<p><b>Alternative 2 (B)</b> <b>Conservation of Proclamation Resources with a Restoration Emphasis</b></p>	<p><b>Alternative 3 (C)</b> <b>Conservation of Proclamation Resources with Concentration of Facilities</b></p>	<p><b>Alternative 4 (D)</b> <b>Conservation of Proclamation Resources with a Public Use Emphasis</b></p>
	<p>Bluffs – note this applies to at least four different goals.</p> <p>2: Identify and fill data gaps in knowledge of geology and paleontology, for example: knowledge of fossil locations and flood features.</p> <p>3: All management activities, for example surface disturbing activities, will require a geological and paleontological clearance prior to implementation to ensure resource protection.</p> <p><i>We think this is a strategy.</i></p> <p>4: Monitor impacts on geological and paleontological resources from visitor use and other processes. Report annually on the condition and status of “key” indicator resources.</p>		
<p><b><i>Goal5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area’s past.</i></b></p>			
	<p>1. Within 2 years of CCP completion gather oral and written histories on pre-Hanford and Manhattan Project eras. (what little history is available on Midway needs to be captured ASAP- a lot of room for stakeholder involvement-</p>		

<p><b>Alternative 1 (A)</b> <b>Current Management</b></p>	<p><b>Alternative 2 (B)</b> <b>Conservation of Proclamation Resources with a Restoration Emphasis</b></p>	<p><b>Alternative 3 (C)</b> <b>Conservation of Proclamation Resources with Concentration of Facilities</b></p>	<p><b>Alternative 4 (D)</b> <b>Conservation of Proclamation Resources with a Public Use Emphasis</b></p>
	<p>need to capture info soon because people are dying.)</p> <p>2. Begin to develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement. <i>Strategy notes: collect, organ. Share- include electronic, paper, kiosks, flyers websites).</i></p> <p>3. Develop action plan to determine the protection and stabilization of cultural and historic sites with stakeholder and Tribal involvement.</p> <p>4. Traditional Cultural Properties (TCP) will be inventoried and evaluated in collaboration with Tribes in the region to develop a restoration, access, and utilization plan within 5 years of CCP completion.</p> <p>5. Develop and maintain agreements between the USFWS, federal, Tribes, Counties, DOE, City, State and private sources regarding the use, sharing, collection and protection of information on historic sites on the Monument.</p>		
<p><b><i>Goal 6. Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.</i></b></p>			

<p><b>Alternative 1 (A)</b></p> <p><b>Current Management</b></p>	<p><b>Alternative 2 (B)</b></p> <p><b>Conservation of Proclamation Resources with a Restoration Emphasis</b></p>	<p><b>Alternative 3 (C)</b></p> <p><b>Conservation of Proclamation Resources with Concentration of Facilities</b></p>	<p><b>Alternative 4 (D)</b></p> <p><b>Conservation of Proclamation Resources with a Public Use Emphasis</b></p>
<p>We assume that all of the natural and cultural resources will go through an identification, classification, and mapping process.</p>	<p>1. Identify, characterize, prioritize and map existing and potential Monument educational and interpretive opportunities.</p> <p>2. Conduct a needs analysis considering existing regional I&amp;E opportunities.</p> <p>3. Develop and implement an I&amp;E plan within xx years of CCP completion</p> <p><i>Consider these as strategies under objective 3</i></p> <p>Develop partnerships to assist with plan development and implementation</p> <p>Public Use limited by intensive management of techniques (increase offsite educational opportunities, limited onsite use zones and times. remote interpretation, web cam's, offsite visitor center.)</p>		
<p><b><i>Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.</i></b></p>			
<p>Current Hunting: waterfowl, upland bird, big game in Wahluke</p>	<p>1. Develop a recreation suitability analysis for all Monument areas to protect resources in the EIS process and identify access zones/areas and activities and facilities that are compatible with</p>		

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	<p>these zones.</p> <p>Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. for example:  Level I= existing development such as highways, Vernita Rest stop  Level II= disturbed areas such as Riverlands, white area in BRMP  Level III= gray area in BRMP such as  Level IV= most of ALE  Level V = Umtanum desert buckwheat population, prehistoric burial sites  This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</p> <p><i>No hunting-note: this is not considered realistic by Group 5 but probably does need to be included in one alternative to avoid lawsuit.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services/recreation opportunity plan, incorporating a monitoring component, with xx years.</p>		

<p><b>Alternative 1 (A)</b> <b>Current Management</b></p>	<p><b>Alternative 2 (B)</b> <b>Conservation of Proclamation Resources with a Restoration Emphasis</b></p>	<p><b>Alternative 3 (C)</b> <b>Conservation of Proclamation Resources with Concentration of Facilities</b></p>	<p><b>Alternative 4 (D)</b> <b>Conservation of Proclamation Resources with a Public Use Emphasis</b></p>
	<p><i>Consider these strategies for the plan:</i></p> <p>Survey visitors seasonally for a period of five years to determine quality of experience by activity, season, and area within the Monument.</p> <p>Encourage alternative forms of transportation (i.e. vans, buses, boats, mules, horses, wagon rides).</p> <p><i>NOTE: Prepare transit/shuttle plan.</i></p> <p>3. <i>Evaluate law enforcement needs and request adequate staffing</i></p> <p>5. Use permit system for commercial vendors.</p>		
<p><b>Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.</b></p>			
	<p>1. Complete inventory of visual resources to determine a range of visual classes from low to high sensitivity. Develop objectives for each class.</p> <p>2. Within 2 years of CCP completion, USFWS will develop landscape design standards for structures and utilities on the Monument in cooperation with impacted agencies and governments. The plan will include the concept of consolidating and minimizing the foot</p>		

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	<p>print of potential development wherever possible</p> <p>3. FWS will advocate and build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>4. Within 3 years of the plan being completed, a completed inventory of all infrastructure, research and construction trash will be completed and DOE in cooperation with USFWS will complete cleanup, and all unnecessary structures from the Monument. Following completion of the CCP USFWS will coordinate periodic trash pickup to maintain the visual quality of the Monument.</p> <p><i>NOTE – lengthen timeframe</i></p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA- special permits could be required for all other flights).</p> <p>6. The FWS will actively</p>		

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	<p>participate in planning efforts for off-site projects that could affect the Monument viewshed or solitude.</p> <p>7. Develop standards for noise within the Monument.</p> <p>8. Within 10 years of plan completion the CCP comprehensive transportation system plan will be implemented by USFWS and DOE in cooperation with other parties to remove all unneeded roads and plan for future access construction needs that protect visual quality and solitude.</p> <p>3. Partner with local agencies and other federal agencies to identify important visual and aesthetic resources on the Monument and avoid/reduce impacts from off-Monument development. <i>Strategy note-participate in other organization's NEPA processes.</i></p> <p>4. Provide X areas on the Monument that are free from high public use, excessive noise, stench and intrusive development. Areas would favor natural pristine landscapes.</p>		
<p><b>Goal 9 Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.</b></p>			

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	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, the FWS and USDOE in coordination with the Tribes will establish policies and procedures for artifact collection, inadvertent discovery of (cultural and) human remains and areas at risk for potential damage through erosion and vandalism.</p> <p>FWS needs to review the existing DOE/Tribal plan regarding the above objective and adopt or adapt.</p> <p><i>Note – make sure that treaties are addressed in the plan preamble. NP and YN very much want to see regular coordination meetings established, if for no other purpose than to communicate and keep each other informed.</i></p>		

Alternative 1 (A) Current Management	Alternative 2 (B) Conservation of Proclamation Resources with a Restoration Emphasis	Alternative 3 (C) Conservation of Proclamation Resources with Concentration of Facilities	Alternative 4 (D) Conservation of Proclamation Resources with a Public Use Emphasis
<p><i>Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.</i></p> <p><i>*This group suggests deleting the last sentence from this goal.</i></p>			
	<p><i>This is a strategy:</i></p> <ol style="list-style-type: none"> <li>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</li> <li>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures in keeping with the proper care and protection of Monument resources within 6 months.</li> </ol> <p><i>This is a strategy:</i></p> <ol style="list-style-type: none"> <li>3. Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</li> </ol>		
<p><i>Goal 11. Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.</i></p>			
	<p><i>New objective:</i></p> <ol style="list-style-type: none"> <li>1. Identify data gaps that exist on the Monument and provide a higher priority for research that would help to fill those gaps.</li> </ol>		

Alternative 1 (A) Current Management	Alternative 2 (B) Conservation of Proclamation Resources with a Restoration Emphasis	Alternative 3 (C) Conservation of Proclamation Resources with Concentration of Facilities	Alternative 4 (D) Conservation of Proclamation Resources with a Public Use Emphasis
	<p><i>New:</i></p> <p>2. Develop a defensible decision tree for evaluating and approving or disapproving research projects on the Monument.</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Establish clear guidelines for expectations of research on the Monument and including reporting and clean up.</p> <p><i>Strategy/Consider this as part of the filter or decision tree:</i></p> <p>5. Student involvement in field research would predominantly be university graduate students.</p>		
<p><b><i>Goal 12. Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.</i></b></p>			
	<p>1. Reconcile the fire management plan with CCP goals; biological, cultural, public use, etc.</p> <p>2. Develop and implement Fire Program (including public education regarding prescribed fire, fire fighting, and fire safety</p>		

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	<p>and prevention, public safety {evacuation routes}) with in 2 years of the approval of CCP. (Including educational materials, signs, presentations, as strategies)</p> <p>Ensure that interdisciplinary resource advisors are part of the incident command team.</p> <p>2. Review, update and execute cooperative agreements every 5 years. Maintain open communication and foster partnerships with other cooperators (city, county, and other agencies). Potentially arrange an annual or more frequent meeting to discuss capabilities of each partner (as a strategy).</p> <p>3. Suppress fires and keep them to the smallest acreage that is feasible for fire fighter safety and resource protection. (We are wondering about SMART - with reference to time frame on this one)</p> <p><i>Strategy suggestion</i> <i>Establish a fire lookout station.</i></p> <p><i>Consider baling tumbleweeds ala Gene</i></p> <p>4. Review and update the Fire Management Plan every 5 years. Implement the plan.</p>		

Alternative 1 (A) Current Management	Alternative 2 (B) Conservation of Proclamation Resources with a Restoration Emphasis	Alternative 3 (C) Conservation of Proclamation Resources with Concentration of Facilities	Alternative 4 (D) Conservation of Proclamation Resources with a Public Use Emphasis
	<p>6. Identify facilities, manpower, and equipment needs (including water sources, lookouts/detection means, buildings, facilities and equipment needs) for Fire Management and evaluate and describe for different levels across each alternative.</p> <p>7. Reduce hazardous fuels on the Monument by appropriate means. <i>Strategy notes: prescribed burns, mechanical, chemical, or other.</i> (Also question about SMART)</p>		
<p><b>Goal 13. Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.</b></p> <p><b><i>*We feel this goal is not necessary and recommend it be eliminated.</i></b></p>			
<p>Infrastructure = roads, wells, septic systems, parking lots, gates, powerlines, canals, dikes, alternative modes of transportation, boat launch, guzzlers, visitor center, trails, fences, buildings, ponds, firebreaks, toilets, garbage etc.</p> <p>Also suggest using cameras for fire monitoring.</p>	<p>1. Identify, classify, and map current infrastructure.</p> <p>2. Analyze Monument infrastructure needs, including transportation, to implement this alternative.</p> <p>3. Maintain, improve, build or eliminate infrastructure based on protection needs, low-impact priorities, and aesthetics (reduce roads and parking areas; ensure firefighting capability, determine modes of access)</p>		

## Synthesis Groups

After each group revised all of the objectives, new groups were formed in order to integrate the objectives from all the groups. In this way, everyone had an opportunity to contribute to the synthesis process. The new groups, comprised of one member from each of the five original working groups, were assigned 1 to 3 goals to synthesize. Each person was responsible for making sure their group's ideas were represented in the final draft objectives.

The goals were assigned as follows:

Group 1: goal 1

Group 2: goal 2

Group 3: goals 4, 5

Group 4: goal 6, 11

Group 5: goals 7, 8

Group 6: goals 3, 19, 10

Group 7: goals 12, 13

The FWS planners and Hanford Reach National Monument staff will use these synthesized objectives when writing the CCP document. The objectives are considered advisory, and are subject to change. The complete table of synthesized objectives can be found on the next page.

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><i>Goal 1. Conserve and restore the plants, animals and shrub-steppe and other upland habitats native to the Columbia Basin.</i></p>			
	<p>1. Using existing inventories identify data gaps and direct additional inventorying to fill those gaps. Place highest priority on those areas with an imminent threat (such as planned and existing public use areas, research areas) and areas with rare or sensitive species.</p> <p><i>Strategy Note: Recommend vegetation mapping using protocol developed by YTC for consistency. Incorporate locations of plants and animals into GIS.</i></p> <p>2. Using science-based site planning, select biologically diverse conservation targets do threats analysis and develop threat abatement strategies.</p> <p>3. Inventory, map (GIS), and prioritize treatment areas for all invasive species in upland habitats and write an integrated pest management plan for invasive plant species within one year. Write an integrated pest management plan for all other invasive species within 2 years. Continue existing treatment activities and implement a long-term treatment and monitoring</p>		

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	<p>program based on IPM plan.</p> <p><i>Strategy note: Strategies include adequate levels of staffing, materials, and equipment needs.</i></p> <p>4. Develop and implement an adaptable habitat management plan within 5 years that uses indicators of ecological integrity to ensure the viability of the Monument’s biodiversity.</p> <p><i>Strategy notes:</i> <i>Restore native plants for Native Americans</i></p> <p><i>Interim plan within 2 years, long-term within 5 years, review period every 5 years.</i></p> <p><i>Identify critical areas for protection and prioritize areas with high quality characteristics for restoration projects.</i></p> <p><i>The plan should not use a prescription-based model but rather a performance-based model</i></p> <p><i>IPM plan should be linked to HMP</i></p> <p>5. Within prioritized areas, restore, enhance, and maintain the structure</p>		

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	<p>and function of the Monument’s biological communities within the natural range of variability found in pre-European settlement times.</p> <p><i>Strategy notes:</i>  <i>This is a long-term goal; a garden is never done</i></p> <p><i>Establish a native seed collection, nursery, and storage program.</i></p> <p>*Synthesis group suggested omitting this part (have an expert group work on it):            Increase the cover of native plant/animal communities from x to x percent, and native plant/animal species richness from x to x species over the next 15 years. <i>(We refer to the definition presented by Jane to address the issues related to historic condition)(We also feel the word “restore” is an “active” enough word to include implementation)</i>  <i>NOTE: In alternative 2, more emphasis would be placed in reintroduction of some species, particularly threatened and endangered. Alternatives 3 and 4 would have less emphasis on reintroduction of species.</i></p> <p>6. Develop and implement monitoring</p>		

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	<p>plans that contribute to management decisions, and evaluate monitoring results. Monitoring will be comprehensive but more intensive in use, threat and restoration areas. Use monitoring results to modify management actions (adaptive management).</p> <p><i>Strategy Notes: Incorporates/provides data or information on restoration efforts, ecosystem health, wildlife populations, and user impacts.</i></p> <p><i>Periodic baseline monitoring for ecological understanding</i></p> <p><i>Public use monitoring.</i></p> <p><i>Monitoring would need to assess success of restoration projects, trends of plant and animal communities, (and be coordinated with fire and other resource programs).</i></p> <p>7. Within 1 year of CCP completion, USFWS will utilize available information and future findings on the White Bluffs sloughing to initiate implementation of feasible recommendations that protect the integrity of the White Bluffs and Locke Island.</p>		

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<p><i>Goal 2. Conserve and restore the communities of fish and other aquatic and riparian-dependent plant and animal species native to the Hanford Reach National Monument.</i></p>			
	<ol style="list-style-type: none"> <li>1. In cooperation with other stakeholders evaluate existing research and monitoring data for all aquatic and riparian habitats and identify gaps and research needs within 1 year.</li> <li>2. Based on data gap analysis, conduct coordinated inventory and develop monitoring plan for native and non-native fish, especially fall chinook within 3 years.</li> <li>3. Share existing research, inventories, and monitoring data in river management and fish management forums on an ongoing basis to determine appropriate management and research actions.</li> <li>4. Continue working cooperatively with land managers to reduce impacts of land-based activities (e.g. white bluff sloughing, human impacts) on the aquatic environment.</li> <li>5. Develop and implement a monitoring plan to assess the effects of water quality, quantity and flow on aquatic communities including invertebrates and aquatic plants in</li> </ol>	<ol style="list-style-type: none"> <li>1. same</li> <li>2. same</li> <li>3. same</li> <li>4. same</li> <li>5. same</li> </ol>	<ol style="list-style-type: none"> <li>1. same</li> <li>2. same</li> <li>3. same</li> <li>4. same</li> <li>5. same</li> </ol>

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>river, lakes, ponds and springs, within 2 years.</p> <p><i>Strategy note: conduct an impact analysis</i></p> <p>6. Conduct baseline inventory of riparian plants and animals including waterfowl, colony-nesting waterbirds, and bald eagles, and others within 3 years.</p> <p>7. Prioritize riparian and aquatic areas for restoration projects and implement program within 5 years.</p> <p>8. Monitor restoration effectiveness and population trends in riparian plant and animal communities.</p> <p><i>Strategy note: remove non-native species</i></p>	<p>6. same</p> <p>7. same</p> <p>8. same</p>	<p>6. same</p> <p>7. Note: restoration could proceed more rapidly here to increase stocks of game critters.</p> <p>8. same</p>
<p><b><i>Goal 3. Enhance Monument resources by establishing and maintaining connectivity with neighboring habitats</i></b></p>			
	<p>1. Enhance Monument resources by establishing working groups of interested, involved agencies and stakeholders to identify habitats with high potential to benefit from connectivity within 1 year.</p> <p>a). Work with other partners to</p>		

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	<p>annually protect at least an additional 10% of identified habitats. Note that COE may be an appropriate partner.</p> <p>b). Identify funding needs and opportunities for habitat protection, within 2 years.</p> <p>c). As an ongoing activity meet with identified adjacent landowners and managers annually to discuss common habitat/management objectives and future possibilities.</p> <p>2. Identify species that could benefit from connectivity.</p>		
<p><b><i>Goal 4. Protect the distinctive geological and paleontological resources of the Monument.</i></b></p>			
	<p>1. Identify, evaluate and prioritize distinctive G/P resources within 5 years.</p> <p>a). Conduct a structured, scientific inventory and fill data gaps</p> <p>2. Conduct threats analysis, design within 3 year and implement a threat abatement strategy that focuses on active protection and restoration within 10 years.</p>	<p>1. Identify, evaluate and prioritize distinctive G/P resources within 5 years.</p> <p>a). Conduct a structured, scientific inventory and fill data gaps.</p> <p>2. Conduct threats analysis, design within 2 years and implement a threat abatement strategy that focuses On stabilizing critical resource sites within 7 years.</p>	<p>1. Identify, evaluate and prioritize distinctive G/P resources within 5 years.</p> <p>a). Conduct a structured, scientific inventory and fill data gaps.</p> <p>2. Conduct threats analysis, design within one year and implement a threat abatement strategy that focuses Monitoring and minimizing human impacts within 5 years.</p>

<p align="center"><b>Alternative A</b></p> <p align="center"><b>Current Management</b></p>	<p align="center"><b>Alternative B</b></p> <p align="center"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p align="center"><b>Alternative C</b></p> <p align="center"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p align="center"><b>Alternative D</b></p> <p align="center"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>a). Establish a policy on obtaining G/P clearance.</p> <p>b). Annual monitoring</p> <p>3. Continue to participate in and promote efforts to achieve long-term resolution to White Bluffs degradation.</p> <p>4. Establish cooperative programs partnerships with G/P interest groups and agencies (IAFI, USGS, etc.) within 2 years.</p>	<p>a). Establish a policy on obtaining G/P clearance.</p> <p>b). Semi-annual monitoring</p> <p>3. Continue to participate in and promote efforts to achieve long-term resolution to White Bluffs degradation.</p> <p>4. Establish cooperative programs partnerships with G/P interest groups and agencies (IAFI, USGS, etc.) within 2 years.</p>	<p>a). Establish a policy on obtaining G/P clearance.</p> <p>b). Quarterly monitoring</p> <p>3. Continue to participate in and promote efforts to achieve long-term resolution to White Bluffs degradation.</p> <p>4. Establish cooperative programs partnerships with G/P interest groups and agencies (IAFI, USGS, etc.) within 2 years.</p>
<p><b><i>Goal 5. Protect and acknowledge the Native American, settler, atomic and Cold War histories of the Monument to ensure present and future generations recognize the significance of the area’s past.</i></b></p>			
	<p>1. Develop and implement a cultural/historical resource management plan with stakeholder and Tribal involvement within 5 years.</p> <p>a). Obtain, Review and evaluate existing cultural/historical resource databases within 2 years.</p> <p>    a.1) Participate in the collection of oral histories on Pre-Hanford, Manhattan Project ASAP.</p> <p>    a.2) Identify data gaps and survey a minimum of 1,000 acres a year beginning within 2 years.</p> <p>b). Monitor critical National</p>	<p>1. Develop and implement a cultural/historical resource management plan with stakeholder and Tribal involvement within 5 years.</p> <p>a). Obtain, Review and evaluate existing cultural/historical resource databases within 2 years.</p> <p>    a.1) Participate in the collection of oral histories on Pre-Hanford, Manhattan Project ASAP.</p> <p>    a.2) Identify data gaps and survey a minimum of 1,000 acres a year beginning within 2 years with emphasis on visitor use areas.</p>	<p>1. Develop and implement a cultural/historical resource management plan with stakeholder and Tribal involvement within 5 years.</p> <p>a). Obtain, Review and evaluate existing cultural/historical resource databases within 2 years.</p> <p>    a.1) Participate in the collection of oral histories on Pre-Hanford, Manhattan Project ASAP.</p> <p>    a.2) Identify data gaps and survey a minimum of 2,000 acres a year beginning within 2 years with emphasis on visitor use areas.</p>

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	<p>Register eligible sites semi-annually.</p> <p>c). Develop and maintain agreements on cultural resources between the USFWS, other agencies, stakeholders and Tribes within 5 years.</p> <p>d). Develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement within 3 years.</p> <p>e). Note: (Issue of treaty rights, access and use will be addressed through government-to-government consultation. Restoration may be a strategy under habitat goal for traditional foods and medicine).</p> <p>f). Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with affected tribes within 5 years</p>	<p>b). Monitor critical National Register eligible sites quarterly with emphasis on visitor use areas.</p> <p>c). Develop and maintain agreements on cultural resources between the USFWS, other agencies, stakeholders and Tribes within 5 years.</p> <p>d). Develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement within 2 years.</p> <p>e). Note: (Issue of treaty rights, access and use will be addressed through government-to-government consultation. Restoration may be a strategy under habitat goal for traditional foods and medicine).</p> <p>f). Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with affected tribes within 5 years.</p>	<p>b). Monitor critical National Register eligible sites quarterly with emphasis on visitor use areas and increased law enforcement.</p> <p>c). Develop and maintain agreements on cultural resources between the USFWS, other agencies, stakeholders and Tribes within 5 years.</p> <p>d). Develop an integrated historic information and education program for the Monument with stakeholder, volunteer and Tribal involvement within one year.</p> <p>e). Note: (Issue of treaty rights, access and use will be addressed through government-to-government consultation. Restoration may be a strategy under habitat goal for traditional foods and medicine).</p> <p>f). Inventory and evaluate Traditional Cultural Properties (TCP) in collaboration with affected tribes within 5 years.</p>
<p><i>Goal 6. Provide a rich variety of educational and interpretive opportunities for visitors to gain an appreciation, knowledge and understanding of the Monument, compatible with resource protection.</i></p>			
<p>We assume that all of the natural and cultural resources will go through an identification, classification, and mapping process.</p>	<p>1. Identify, classify, and map existing and potential educational and interpretive resources.</p> <p>2. Analyze local and eco-regional</p>	<p>1. Identify, classify, and map existing and potential educational and interpretive resources.</p> <p>2. Analyze local and eco-regional</p>	<p>1. Identify, classify, and map existing and potential educational and interpretive resources.</p> <p>2. Analyze local and eco-regional</p>

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	<p>interpretive programs to determine visitor desires and existing opportunities.</p> <p>3. Design and initiate educational and interpretive programs based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Education and interpretation programs limited to off-site audiences and managed on-site activities. Emphasize off-site interpretation with in-school, public forum, and visitor center education programs. Completion in a time frame of one year.</p>	<p>interpretive programs to determine visitor desires and existing opportunities.</p> <p>3. Design and initiate educational and interpretive programs based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Provide moderate access to onsite areas defined by interpretation plan, providing guided tours and limiting self-guided trails to less than two miles highlighting representative Monument features. (Note: beginning with appropriate existing roads and trails) Emphasize off-site interpretation with in-school, public forum, and visitor center education programs. Complete in a time frame of three years.</p>	<p>interpretive programs to determine visitor desires and existing opportunities.</p> <p>3. Design and initiate educational and interpretive programs based on analysis of geology, paleontology, terrestrial and aquatic biology, and cultural features.</p> <p>4. Provide expanded access to a wide range of on-site features and exposure to the monument by self-guided trails, kiosks and interpretive locations on and off site, cassette tape tours and outdoor classrooms. Encourage education, visitation, and participation in monument programs, both on and off site. Completion in a time frame of five to seven years.</p>
<p><b><i>Goal 7. Provide access and opportunities for high-quality recreation compatible with resource protection.</i></b></p>			
<p>Current Hunting: waterfowl, upland bird, big game in Wahluke</p>	<p>1. Complete a recreation suitability analysis for all Monument areas to identify access zones and compatible activities within 1 year.</p> <p><i>Strategies for the analysis*</i> *Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource</p>	<p>1. Complete a recreation suitability analysis for all Monument areas to identify access zones and compatible activities within 1 year.</p> <p><i>Strategies for the analysis* Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned</i></p>	<p>1. Complete a recreation suitability analysis for all Monument areas to identify access zones and compatible activities within 1 year.</p> <p><i>Strategies for the analysis* Zone Concept: Zones 1 - V are identified based on resource sensitivity, with the highest resource value being assigned</i></p>

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	<p><i>value being assigned class V and those areas that are irrevocably disturbed being assigned class 1. For example:</i>  <i>Level I= existing development such as highways, Vernita Rest stop</i>  <i>Level II= disturbed areas such as Riverlands, white area in BRMP</i>  <i>Level III= gray area in BRMP such as</i>  <i>Level IV= most of ALE</i>  <i>Level V = Umptanum desert buckwheat population, prehistoric burial sites</i>  <i>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services plan within 2 years. The plan will be developed with public review and input.</p> <p><i>Strategy: Ensure the visitor services plan incorporates the following concepts:</i></p> <ul style="list-style-type: none"> <li>a) monitoring and adaptive management</li> <li>b) transportation needs and implications towards visual resources and solitude, considering alternative forms of transportation in conjunction with the</li> </ul>	<p><i>class V and those areas that are irrevocably disturbed being assigned class 1. For example:</i>  <i>Level I= existing development such as highways, Vernita Rest stop</i>  <i>Level II= disturbed areas such as Riverlands, white area in BRMP</i>  <i>Level III= gray area in BRMP such as</i>  <i>Level IV= most of ALE</i>  <i>Level V = Umptanum desert buckwheat population, prehistoric burial sites</i>  <i>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services plan within 2 years. The plan will be developed with public review and input.</p> <p><i>Strategy: Ensure the visitor services plan incorporates the following concepts:</i></p> <ul style="list-style-type: none"> <li>a) monitoring and adaptive management</li> <li>b) transportation needs and implications towards visual resources and solitude, considering alternative forms of transportation in conjunction with</li> </ul>	<p><i>class V and those areas that are irrevocably disturbed being assigned class 1. For example:</i>  <i>Level I= existing development such as highways, Vernita Rest stop</i>  <i>Level II= disturbed areas such as Riverlands, white area in BRMP</i>  <i>Level III= gray area in BRMP such as</i>  <i>Level IV= most of ALE</i>  <i>Level V = Umptanum desert buckwheat population, prehistoric burial sites</i>  <i>This EIS will identify allowable activities by zones and strategies; criteria or stipulations by zone.</i></p> <p>2. Based upon the recreation suitability analysis, develop and implement a visitor services plan within 2 years. The plan will be developed with public review and input.</p> <p><i>Strategy: Ensure the visitor services plan incorporates the following concepts:</i></p> <ul style="list-style-type: none"> <li>a) monitoring and adaptive management</li> <li>b) transportation needs and implications towards visual resources and solitude, considering alternative forms of transportation in conjunction with the</li> </ul>

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	<p>infrastructure plan addressed in Goal 13</p> <p>c) visitor survey to determine quality of experience by activity, season and area within the Monument and their perception of resource protection and Monument management</p> <p>d) law enforcement needs</p> <p>3. Determine carrying capacity of Monument lands and use results to develop a user permit plan for Commercial vendors on Monument lands within one year. Commercial vendor activities must be compatible with resource protection and high quality recreation experience.</p> <p>4. Develop an education program on proper recreational use practices for the protection of Monument resources.</p> <p><i>*Strategy: Use or model education program after LNT program and provide information at all access points.</i></p>	<p>the infrastructure plan addressed in Goal 13</p> <p>c) visitor survey to determine quality of experience by activity, season and area within the Monument and their perception of resource protection and Monument management</p> <p>d) law enforcement needs</p> <p>3. Determine carrying capacity of Monument lands and use results to develop a user permit plan for Commercial vendors on Monument lands within one year. Commercial vendor activities must be compatible with resource protection and high quality recreation experience.</p> <p>4. Develop an education program on proper recreational use practices for the protection of Monument resources.</p> <p><i>*Strategy: Use or model education program after LNT program and provide information at all access points.</i></p>	<p>infrastructure plan addressed in Goal 13</p> <p>c) visitor survey to determine quality of experience by activity, season and area within the Monument and their perception of resource protection and Monument management</p> <p>d) law enforcement needs</p> <p>3. Determine carrying capacity of Monument lands and use results to develop a user permit plan for Commercial vendors on Monument lands within one year. Commercial vendor activities must be compatible with resource protection and high quality recreation experience.</p> <p>4. Develop an education program on proper recreational use practices for the protection of Monument resources.</p> <p><i>*Strategy: Use or model education program after LNT program and provide information at all access points.</i></p>
<p><b>Goal 8. Protect the natural visual character and promote the opportunity to experience solitude on the Monument.</b></p>			
	<p>1. Complete inventory of visual resources and determine a range of visual classes from low to high</p>	<p>1. Complete inventory of visual resources and determine a range of visual classes from low to high</p>	<p>1. Complete inventory of visual resources and determine a range of visual classes from low to high</p>

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	<p>sensitivity.</p> <p>2. In cooperation with impacted agencies and governments, develop a visual resources management plan incorporating objectives and design standards for structures and utilities <i>that reduce visual intrusion</i> on the Monument.</p> <p>3. Build partnerships with air quality regulators to keep air clean to maintain aesthetics.</p> <p>4. Inventory and evaluate all residual research materials and structures within 1 years of the plan being completed and remove as appropriate.</p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA-special permits could be required for all other flights).</p> <p>6. The FWS will actively participate in planning efforts for off-site projects that affect the Monument viewshed or solitude.</p>	<p>sensitivity.</p> <p>2. In cooperation with impacted agencies and governments, develop a visual resources management plan incorporating objectives and design standards for structures and utilities <i>that reduce visual intrusion</i> on the Monument.</p> <p>3. Build partnerships with air quality regulators to keep air clean to maintain aesthetics.</p> <p>4. Inventory and evaluate all residual research materials and structures within 1 years of the plan being completed and remove as appropriate.</p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA-special permits could be required for all other flights).</p> <p>6. The FWS will actively participate in planning efforts for off-site projects that affect the Monument viewshed or solitude.</p>	<p>sensitivity.</p> <p>2. In cooperation with impacted agencies and governments, develop a visual resources management plan incorporating objectives and design standards for structures and utilities <i>that reduce visual intrusion</i> on the Monument.</p> <p>3. Build partnerships with air quality regulators to keep air clean to maintain visibility.</p> <p>4. Inventory and evaluate all residual research materials and structures within 1 years of the plan being completed and remove as appropriate.</p> <p>5. Within 6 months of plan adoption the FWS will file with the FAA for a 1,000 foot AGL flight restriction for all normal flight operations in order to prevent harassment of wildlife and protect solitude and the visual character of the Monument. (Normal flight operations as defined by FAA-special permits could be required for all other flights).</p> <p>6. The FWS will actively participate in planning efforts for off-site projects that affect the Monument viewshed or solitude.</p>

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	<p><i>*participate in other organization's NEPA or SEPA processes.</i></p> <p><i>*White Bluffs issue (within 5 years of USGS study)</i></p> <p>7. Develop noise limits within the Monument.</p>	<p><i>*participate in other organization's NEPA or SEPA processes.</i></p> <p><i>*White Bluffs issue (within 5 years of USGS study)</i></p> <p>7. Develop noise limits within the Monument.</p>	<p><i>*participate in other organization's NEPA or SEPA processes.</i></p> <p><i>*White Bluffs issue (within 5 years of USGS study)</i></p> <p>7. Develop noise limits within the Monument.</p>
<p><b>Goal 9 Honor treaty rights in accordance with U.S. Fish and Wildlife Service Native American policy.</b></p>			
	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for data collection (e.g. artifacts, oral history, etc.), inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p> <p style="padding-left: 20px;">a. Use existing DOE/Tribal Inadvertent Discovery Plan</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for data collection, (e.g. artifacts, oral history, etc.), inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>	<p>1. The USFWS and DOE will establish and implement a regular schedule of Government-to-Government meetings with the Tribes to (exercise) implement treaty rights on the Monument.</p> <p>2. Following completion of the plan, the FWS and USDOE in coordination with the Tribes will develop and implement an on-going public education program on treaty rights.</p> <p>3. Following plan completion, establish policies and procedures for data collection, (e.g. artifacts, oral history, etc.), inadvertent discovery of human remains and areas at risk for potential damage through erosion and vandalism).</p>

Alternative A Current Management	Alternative B Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C Conservation of Proclamation Resources With Concentration of Facilities	Alternative D Conservation of Proclamation Resources With a Public Use Emphasis
	<p><i>Note: Specified Campsites – strategy employed to meet treaty rights</i>  <i>Note: Address the Treaty in the Preamble of the Plan</i></p> <p><i>Note: Need to keep goal 9 in to remind managers of their commitment.</i></p>	<p><i>Note: Specified Campsites – strategy employed to meet treaty rights</i></p> <p><i>Note: Need to keep goal 9 in to remind managers of their commitment</i></p>	<p><i>Note: Specified Campsites – strategy employed to meet treaty rights</i></p> <p><i>Note: Need to keep goal 9 in to remind managers of their commitment</i></p>
<p><b>Goal 10. Foster, support and respect cooperative partnerships that preserve valid existing rights while protecting the purposes of the Monument. Recognize and cooperate with tribal, state and local governments and federal agencies in the discharge of statutory responsibilities. Enhance relationships and partnerships with community organizations and neighbors furthering management goals.</b></p>			
<p><i>Note: Moved community and neighbor partnerships from this goal to goal 6. Need to do something to address partnerships with neighboring landowners.</i></p> <p><i>Note: Objectives 3 and 4 are strategies for Goal 6 as amended with the community partnerships</i></p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>a). Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>b). Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>a). Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>b). Establish on-site community-based outreach program within one year of completion of CCP.</p>	<p>1. Maintain proactive communication with “rights holders” and concerned parties. Hold annual meetings to discuss common issues.</p> <p>2. Establish system for communication and coordination regarding exercising of valid existing rights. (e.g. Establish standard operating procedures within 6 months-possible strategy).</p> <p>a). Make multimedia presentations available to community organizations describing Monument attributes within 2 years.</p> <p>b). Establish on-site community-based outreach program within one year of completion of CCP.</p>

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<p><i>Goal 11. Facilitate research compatible with resource protection, emphasizing research that contributes to management goals of the Monument.</i></p>			
	<p>1. Establish a research and monitoring program to study the natural, physical and cultural resources that will contribute data to the management on the Monument. Completion within three to five years. <i>(note: identify data gaps as a strategy)</i></p> <p>2. Research emphasis will be on proclamation resources.</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p><i>Note: they would also have to make sure they don't clean up Cultural Resources (working group 5 had wording for this)</i></p> <p>5. Student involvement in field research would predominantly be</p>	<p>1. Establish a research and monitoring program to study the natural, physical and cultural resources that will contribute data to the management on the Monument. Completion within three to five years. <i>(note: identify data gaps as a strategy)</i></p> <p>2. Provide for a wide range of research relevant to Monument resources.</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p><i>Note: they would also have to make sure they don't clean up Cultural Resources (working group 5 had wording for this)</i></p> <p>5. Emphasize field studies by students from all grade levels and university.</p>	<p>1. Establish a research and monitoring program to study the natural, physical and cultural resources that will contribute data to the management on the Monument. Completion within three to five years. <i>(note: identify data gaps as a strategy)</i></p> <p>2. Provide for a wide range of research relevant to Monument resources with an emphasis on visitor services (impacts and experiences).</p> <p>3. Utilize new information from research and adapt management within two years of when information becomes available.</p> <p>4. Research conducted on the Monument must provide a report upon conclusion of the research and clean up and restore areas to original condition.</p> <p><i>Note: they would also have to make sure they don't clean up Cultural Resources (working group 5 had wording for this)</i></p> <p>5. Emphasize field studies by students from all grade levels and university.</p>

Alternative A Current Management	Alternative B Conservation of Proclamation Resources With A Restoration Emphasis	Alternative C Conservation of Proclamation Resources With Concentration of Facilities	Alternative D Conservation of Proclamation Resources With a Public Use Emphasis
	university graduate students.		
<p><i>Goal 12: Establish and maintain a cooperative fire management program that protects facilities, resources and neighbors and fulfills natural resource management objectives.</i></p>			
	<p>1. Within 5 years reconcile the fire management plan with CCP goals and agency policy, update annually after implementation.</p> <p>2. Create and implement a fire management education and prevention program.</p> <p><i>Strategies: Emphasis in alternative B and C will be mainly offsite and focus on the role of fire in the landscape while alternative D will focus on both offsite and onsite educational opportunities focusing on the destructive potential of fire and public safety.</i></p> <p>3. Continue to suppress all fires and keep them to the smallest acreage that is consistent with public and fire fighter safety and resource management objectives.</p> <p><i>Strategies: Consider systematic fuelbreak program</i></p> <p>4. Continue to use prescribed fire to accomplish resource management</p>		

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
	<p>objectives.</p> <p>5. Continue to reduce hazardous fuels on the monument by appropriate means.</p> <p><i>Strategies: Prescribed burning, mechanical, chemical or other such as baling tumbleweeds.</i></p> <p>6. Identify baseline fire facility, equipment and staffing needs. Due to access challenges associated with the Columbia River bisecting Monument lands needing protection, and bridges limited to Richland and Vernita, at least 2 fire stations are currently needed (north and south of the river) across all alternatives. As planned property transfers occur from DOE to FWS (beginning in 2004), more lands will require protection from fire by FWS, while DOE firefighting resources will decline. For Alternative D, more fire protection resources will be required, as increased public use will lead to increased fire starts.</p> <p><i>Strategies: Consider acquiring (cooperatively?) local aerial retardant capability to enhance suppression ability.</i></p>		

<p style="text-align: center;"><b>Alternative A</b></p> <p style="text-align: center;"><b>Current Management</b></p>	<p style="text-align: center;"><b>Alternative B</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With A Restoration Emphasis</b></p>	<p style="text-align: center;"><b>Alternative C</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With Concentration of Facilities</b></p>	<p style="text-align: center;"><b>Alternative D</b></p> <p style="text-align: center;"><b>Conservation of Proclamation Resources With a Public Use Emphasis</b></p>
<p><i>Goal 13. Provide infrastructure, operations and maintenance capabilities that are in harmony with Monument purposes.</i></p> <p><i>* Note: Group 7 believes this should not be a separate goal but should instead be merged into goal 7.</i></p>			
	<ol style="list-style-type: none"> <li>1. Within 2 years of CCP completion, USFWS will develop design standards for all current and future structures, utilities, and infrastructures on the Monument in cooperation with impacted agencies and governments.</li> <li>2. Within x years of plan completion the CCP comprehensive transportation system plan will be created and implemented by USFWS with the assistance of FHWA in cooperation with other stakeholders to remove all un-needed roads and existing structures and to plan for future access needs such as public use, construction and fire control personnel movements.</li> <li>3. New construction and uses will be consolidated to minimize the footprint of potential development wherever possible.</li> </ol> <p><i>Strategies: All objectives that describe plans for existing or future structures should include not just structures, but also infrastructure such as sewers, power, and roads.</i></p>		

## Plenary Presentation Comments on Synthesized Objectives

*When the synthesized objectives were presented in plenary, there were some suggested changes. If the changes reached consensus, they were incorporated into the table above, if not, they are noted below for consideration by the FWS planners and Hanford Reach National Monument Staff.*

### Goal 1

(general note: may need to include a fire management objective under this goal)

#### Obj #

1. Begin inventory on existing public use areas: why start there? The educators and researchers up there need to be monitored as well. Don't focus first or exclusively, on public use areas. (comment incorporated)
2. Science based-site planning includes identification of threats (comment incorporated)
3. GIS – identify strategies the specific software to be used. Not recommending 2 plans but an integrated plan including and based on inventory and prioritization of treatment areas. This will be on-going.
4. May want to add a strategy about restoring native plants for Native Americans. (comment incorporated)
5. People feel this is written more as a goal and may need to have measurement of success added but this is very difficult to do. Perhaps a technical group needs to deal with this. Perhaps the detail can be captured in strategy level. There is confusion of scale here (landscape versus site-specific), which needs to be clarified. The natural range of variability that occurred pre-European settlement needs to be defined. The note in parenthesis needs to be reconsidered.
6. Specifies public use but should instead state that monitoring will be most intensive in areas of perceived threat. (comment incorporated)  
Monitoring will be coordinated with all other disciplines to avoid duplication of effort or contradictory efforts.
7. Establish a collection, nursery and storage program of native seeds (this is a strategy which may be more appropriate under objective 5). (comment incorporated)

### Goal 2

**(general note: The objective should be re-numbered to put them in logical order.)**

1. No comment
2. Add wording, “Based on data gap analysis, ...” (comment incorporated)

3. Consider include specific mention of steelhead as well as fall Chinook because it is endangered.
4. No comment
5. Add quantity and flow to water quality comment. (comment incorporated). Can monitor but can not commit to doing anything about these things such as flow due to lack of jurisdiction. Where some of these things are already being done, the wording will say that we'll monitor only those aspects of quality, quantity and flow not already being monitored. Note: include objective to conduct an impact analysis and work in conjunction with partners. (comment incorporated, in part)
6. No comment
7. The criteria upon which the areas will be prioritized will vary across alternatives.
8. Perhaps monitoring of restoration effectiveness could be moved to Obj 7 and leave population trends monitoring here.  
Strategies will include specifics regarding non natives (Russian olives removed and restored to willow, for example)

### **Goal 3**

(General note: need to organize this to put objectives in order-there are 2- and everything else are strategies under Obj 1)

1. COE has responsibility for some DEO lands so FWS may want to work with COE rather than directly with DOE.
2. no comment

### **Goal 4**

1. No comment
2. 'Establish a policy on obtaining g/p clearance': there are no regulations about this now but strategy recommends considering creation of a policy within the monument or service-wide if necessary to protect these resources.
3. No comment
4. No comment

### **Goal 5**

No comments

**Goal 6**

1. No comment
2. Analysis of visitor desires for interpretative programs in the eco-region will ensure that there is not overlap in education.
3. No comment
4. Existing roads and trails may not be appropriate. Add the term appropriate (comment incorporated).

In alternative C, access will be limited to peripheral areas of the monument and this is where the limited, self-guided nature trails will be located. There may be other trails open to the public but education is limited.

Define difference between nature trails and back country trails. Two miles is long for a nature trail.

Consider replacing 'desires' to 'needs'.

Should consider shortening the time frame for implementation under alternative D.

**Goal 7**

(General notes: 1) consider omitting goal 13 and moving objectives here; 2) there should be variation across alternatives but this may come out at the level of strategies)

**Goal 8**

No comments

**Goal 9**

1. No changes
2. No changes
3. Inadvertent Discovery Plan may need to be adapted regarding points of contact, consistency with proclamation, etc.

**Goal 10**

(General note: Group considered moving community partnership wording to goal 6 but decided not to at the moment; consider moving; also consider making the first sentence of this goal the entire goal statement and make the remaining sentences into objectives.)

No comments

**Goal 11**

(general comment: Obj 1 may be the only objective with all others being strategies.)

1. No comments

2. Need a decision tree to clarify the process for determining what research is allowed and what is not. Observatory use is not covered here because it does not belong to FWS. Its use will not be emphasized but will not necessarily be disallowed.
3. No comments
4. See working group 5 report for wording regarding taking care to avoid disturbance of cultural resources.

### **Goal 12**

(General note: Objectives are the same across alternatives unless otherwise noted)

1. Prioritizing sites for protection will be part of a fire management plan.
2. No comments
3. Role of fire in ecosystem management is impacted by creating of fuel breaks. The role of fire and fire management should be included in other goals, including education and interpretation. Consider including the cultural, biological, recreational and ecological aspects of fire in appropriate goals.

### **Goal 13**

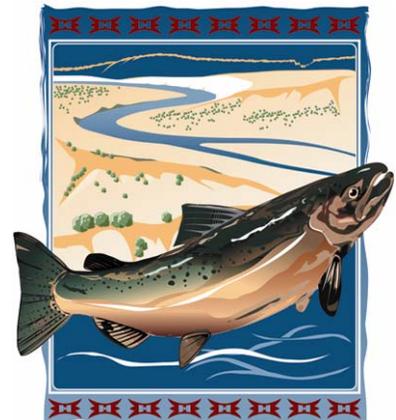
(General note: the suggestion is made to consider omitting this goal and integrating these objectives under goals 6 and 7 but there is not consensus on this.)

# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA

## DRAFT REPORT

### Appendix I Participant Introduction Questions





## Personal Goals and Conservation Issues

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The first task in the workshop process was for each person to introduce themselves and to write out and then read aloud answers to three introductory questions. This process allows for expression of individual responses without being immediately influenced by previous responses. The responses indicate potential areas of common ground and provide a first insight into the diversity of perceived issues present in the group. The responses also provide a check on whether the workshop deliberations address these concerns.

***Question 1. Please provide your name and a brief identification of your area of primary interest. Did you participate in Workshop I or II?***

1. Annabelle Rodriguez, DOE, Cultural and Historic Resources Program; attended first workshop.
2. Shannon Arntzen Columbia River Journeys, Recreation; attended both previous workshops.
3. Mike Marxen, USFWS Planner, interested in how we conduct the planning process; attended both previous workshops.
4. Madeline Brown, League of Women Voters; attended both previous workshops.
5. Tom Ferns, DOE; attended both previous workshops.
6. Patrick Blair, Environmental Science, water resources; did not attend any previous workshops.
7. Rich Steele, interested in recreation and wildlife habitat
8. Participated in both workshops
9. Participated in both workshops
10. Mike Green, migratory bird conservation; attended both previous workshops.
11. Betsy Bloomfield, The Nature Conservancy biodiversity conservation; attended both previous workshops.
12. Paul LaRiviere; Washington Department of Fisheries and Wildlife, fisheries scientist, fisheries manager, habitat manager, cooperating agency; attended both previous workshops.
13. John Stanfill, Nez Perce Tribe, Environmental Health Specialist, interests are in human and environmental health. I, personally, did not participate in earlier workshops, but Dan Londeen, hour biologist, has.
14. Joseph Hostler, Region 1 Native Affair Assistant Liasion. My interest concerns representation of tribal interests in the Hanford National Monument; I did not attend the previous workshops.
15. Linda Smith, Backcountry Horsemen, Rattlesnake Ridge Riders Chapter; attended both previous workshops.
16. Erin Stockenberg, GIS Mapping Alternatives; participated in workshop II.
17. Eric Hagen, USFWS, Resource Management and Fire Management; did not attend previous workshops.
18. Mike Lilga, Lower Columbia Basin Audubon, FACA, Friends for the HRNM; attended both previous workshops.

19. Mary Hollen, Bonneville Power Administration, Public Utilities Specialist, interested in river operations, Columbia generation station operations, transmission system; attended both previous workshops.
20. Did not participate in previous workshops.
21. Don Anglin, USFWS Fishery Biologist; attended both previous workshops.
22. I am filling in for Harold Heacock who has a daughter getting married and he has attended both workshops I and II.
23. No answer
24. Dave Brown, FHWA; attended workshop I.
25. Adam Fyall, Benton County; attended both previous workshops, primary interest for county is efficient, coordinated, cooperative management.
26. Donna Postma, US Bureau of Reclamation; my primary interest is valid existing rights for access to and operation and maintenance facilities within the Monument. I participated in both previous workshops and am a member of the cooperating agencies work group.
27. Participated in both previous workshops.
28. Connie Estep, CREST Museum; attended both previous workshops.
29. Don Rose, Bonneville Power Administration; participated in both previous workshops.
30. Nick Ceto, EPA; I have not attended the previous workshops but my staff have.
31. Jenna Gaston, Cultural Resources Manager, USFWS HRNM; attended Workshop I
32. Dave Smith, USFWS, Biological Resources, CCP planning team member; attended both previous workshops
33. No answer
34. Paula Call, USFWS, Outdoor Recreation Planner; attended both previous workshops
35. Everyll Davidson, Purple Sage Riders of the Backcountry Horsemen of Washington; interest is to further uses of livestock (horse and mule) in the back country and to establish trails and trailheads for all use; to teach and practice 'leave no trace' (LNT); attended both previous workshops
36. Scott Aikin, Native American Affairs Liaison, USFWS; interest in tribal input and inclusion in this process; did not participate in previous workshops.
37. Rico Cruz, Cultural Resources (natural resources are part of cultural resources); did not attend previous workshops.
38. Attended workshop II.

***Question 2. What is your personal goal for this workshop?***

1. Listen, assist, and help USFWS reach goal of their CCP.
2. Listen and learn; provide input from a "user" standpoint.
3. To involve the group in generating mapped ideas for the CCP.
4. Ensure the Reach is managed in a way that enables active citizen participation, and ensure balance between access and protection – that is, to have lots of both.
5. No damage or stealing; public use in formation expectations; space and time.
6. Discover how others view the resource and how they would like to use it; come to better understand their planning process.
7. Secure access for recreation, hunting and fishing; provide protection for wildlife habitat.
8. To participate in development of sound objectives for the Monument.

9. To continue to understand the direction the Reach planning is going and make sure our cleanup program is consistent with the planning.
10. To help generate creative solutions to vexing problems
11. Engaged participation in a stakeholders' forum, and to communicate the difference between "conservation" and "preservation".
12. Learn to understand this planning process, management strategies are the key
13. Because I haven't been involved up until now, I need to listen a lot and come up to speed as to what is happening in regards to the National Monument. From this information, I can help form goals that are pertinent to the Nez Perce Tribes.
14. To provide insight that tribes may have if they were a participant in today's meeting, but at the same time recognizing the USFWS mission and interests.
15. To assure continued access for horsemen on the Monument and to assure management of the volunteer ethic and abilities of the Backcountry Horsemen.
16. Get information on the public's ideas of the geography/spatial/access related issues.
17. To contribute to crafting of thoughtful and appropriate objectives.
18. Write strong objectives that support the vision, goals, and alternatives and protect the Monument.
19. Do what I can to contribute to the workshop products, learn from others, and be aware of how valid existing rights will be valued in the plan.
20. To see that the Monument lands are developed with a view to proper resource management while providing appropriate public access and enjoyment.
21. To ensure that the Monument's fishery resources are protected and enhanced for the benefit of public and tribal uses.
22. To provide input to Harold Heacock and pass this information onto the Richland Rod & Gun Club Board and members.
23. A balanced use of the resource in a perfect world-something for everyone.
24. Provide input to this process
25. To help positively shape the planning process and gain a better understanding of stakeholder interests.
26. To continue on with the next step in the planning process.
27. To advocate for conservation protections in the CCP, especially in regard to invasive species management and fire management.
28. To provide a voice for history and science interests in the monument.
29. Listen and provide input on objectives and alternatives that are environmentally responsible, pragmatic, and adaptable to changing population.
30. Listen and learn about the process/vision for the Monument
31. To make it through alive!
32. To assist in developing clear objectives to help in CCP plan development
33. To continue to learn more about what is important to the community and stakeholders and to work together to craft draft objectives for the alternatives
34. To hear all viewpoints and opinions and input expressed.
35. To be able to assist in this planning, to accomplish these goals for the benefit of all in the shortest time possible.
36. To learn more about the effort and contributions to the alternatives process to date and suggest where necessary ideas for tribal perspectives.

37. Incorporate Nez Perce tribal issues, perspectives, concerns and recommendations to the process.
38. To learn more about the Monument and participant in the process.

***Question 3. What, in your view, is the most valuable outcome of the Hanford Reach National Monument planning process?***

1. The process allows IP views are expressed and heard; protection of resources.
2. Balance
3. Generating a plan with local/regional interests that will have “ownership” from many groups.
4. If process is accepted, so is outcome. So the active (and intense) involvement of stakeholder ensures outcome will have quality and integrity – and make new friends.
5. Public use/requirements; expectations in formation; institutionalizing the plan.
6. Protect/preserve the resource while providing public use.
7. Protection of HRNM, no development!
8. The building of consensus among partners for resource management.
9. A balanced approach to Monument use.
10. To create realistic goals and objectives based on sound science, biological needs, and supportive of the Proclamation’s stated purposes for Hanford Reach.
11. Common good arrived at through the consensus process.
12. Management strategies, upholding valid and existing rights
13. A working, comprehensive plan for the monument that allows as much use of the reach as possible while still protecting it to as full an interest as possible.
14. A cooperative agreement that preserves the integrity of the Monument’s resources with Service use interests in mind.
15. Reach the optimum balance between resource protection and public access.
16. To get the widest inclusion of ideas and interests for the Monument plan.
17. Diverse large-scale ownership in the land use plan (CCP) for the Monument.
18. Provide a strong resource protection plan that is adaptable to changing impacts on the Monument.
19. A plan that incorporates all of the interests and reaches creative resolutions of diverse viewpoints. Decisions based on sound data including work that BPA has already done and can contribute to the process.
20. Setting a vision for the future resource and public use management.
21. Balanced management plan that protects and enhances the Monument’s resources while providing the public with the opportunity to experience those resources.
22. To preserve and improve this area for their and future generations through the CCP.
23. Varied viewpoints – impact from all user groups and governmental groups.
24. The planning document for the future management of the Monument.
25. To give managers and stakeholders an intensive and extensive view of the community vision for the Monument.
26. The involvement of so many diverse groups and interests and the fact that everyone’s opinion has been acknowledged and respected.
27. A blueprint for conservation of the Monument’s biological resources that highlights the importance of the unique biological features of the site.

28. To provide protection for the resources and allow controlled use of the area that will foster an appreciation of those resources. To gain scientific knowledge through research in the area.
29. Develop framework for partnerships; help develop a plan that provides for everyone's needs and wants as much as possible; anticipate problems down the road and provide language in the plan that gives guidance – that's what plans are for.
30. From EPA perspective, gaining information to help guide our cleanup decisions.
31. Networking
32. The diverse range of input that has been provided by participants in each of the workshops.
33. Working together to shape a common future for the Monument and learning about the diverse views and perspectives of the participants.
34. Getting input from diverse group of participants all at once to help shape the plan and future of these lands and resources.
35. No answer
36. To address interests and concerns of all peoples who have positive contributions to the sustainability and nurturing of this precious landscape.
37. An implementable and enforceable plan that protects, preserves, and enhances the cultural resources of the Monument.
38. Wide spread vision that will best provide excellent preservation and appreciation and visitation of the Monument.

***Question 4. What role, if any, do you hope to play in the implementation of the Hanford Reach National Monument Comprehensive Conservation Plan?***

1. Make sure that DOE and USFWS continue to communicate.
2. Continued involvement as a user and to continue with educating the public about "The Reach".
3. Partnerships and ownership
4. Engaged citizen; I hope to involve the students of my daughter's school in a service project – each year that teaches them about this treasure in their backyard. I hope to facilitate the links, physical and interpretive, between Reach and historic B Reactor. And I want school kids throughout the mid-Columbia to take field trips to the top of Rattlesnake Mountain.
5. DOE is co-manager of Monument by Presidential Monument Declaration; Cooperative Agency; Integration of public use with DOE continuing cleanup mission, S & T mission and stewardship mission.
6. Possibly provide input on not only conserving the resource but also the importance of restoration to increase the Monument's potential to wildlife.
7. No answer.
8. As the station biologist, I will, with our staff, implement all biological inventory, monitoring and assessments, and coordinate research projects to conduct all habitat management, restoration and improvements in on-the-ground; and assessment of impacts from other uses to natural resources and wildlife.
9. Interested observer.

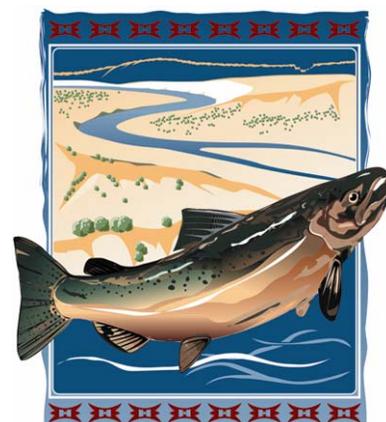
10. In the implementation of goals and objectives aimed at the conservation of migratory birds and restoration of their habitats unique to the Reach.
11. Ongoing conservation biology support role.
12. Represent WDFW interests, as a cooperating agency, as a representative for the people of the state of Washington, and as a resource manager.
13. My role is liaison between the information gathered here and my tribal leaders who will help make decisions about the Reach and its future uses.
14. No answer.
15. To promote the 'leave no trace' program to minimize impact on the land.
16. Mapping, support for spatial planning.
17. As the fire manager for the unit, I expect to play a significant role in the implementation of the CCP; I will also be the primary contributor to an activity plan stepping down from CCP-the Fire Management Plan. This plan will probably require significant revisions after the CCP is finalized.
18. Continue to provide input, observe how well the plan works.
19. Help to write a quality plan.
20. Help provide perspectives for development based on past management and resource planning over the past 20 + years.
21. Technical support for management and enhancement of native fishery and aquatic resources.
22. No answer
23. Open to opportunities.
24. Planning and funding the development of the road system on the Monument.
25. The county hopes to partner with the Monument managers wherever necessary and appropriate.
26. I will continue in my role representing my agency and the Columbia Basin Projects throughout completion of the CCP.
27. TNC would like to continue to be a friend of the monument and continue to consult on issues of biological importance.
28. Interpretation.
29. Facilitate development of relationships; save money for taxpayers by sharing data, expertise, and coordinating efforts between agencies.
30. Technical support as requested by USFWS and development of a Hanford cleanup consistent with Monument needs.
31. Will be directly involved in the Cultural Resource Management plan, then be back in the field.
32. Implementer of plan direction in the restoration of shrub-steppe habitat on the Monument.
33. Responsible for getting it done and implementing the plan
34. USFWS staff
35. No answer
36. Support the final product from a regional perspective and provide lessons learned to other CCP efforts.
37. Provide technical input and coordinate the transfer of information dissemination to the Nez Perce Tribal policy makers and community.
38. To provide continuing support and communication between parties.

# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA

## DRAFT REPORT

### Appendix II List of Participants





# Participant List

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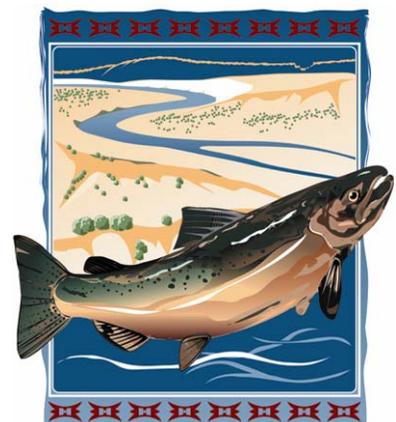


# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA

## DRAFT REPORT

Appendix III  
Workshop Invitation List





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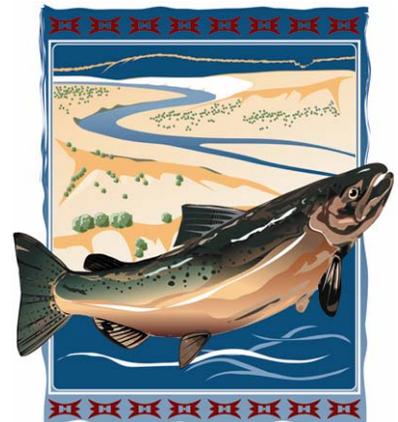


# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
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## DRAFT REPORT

Appendix IV  
Glossary





# Hanford Reach National Monument Glossary

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**Affected Environment.** In an environmental impact statement, a description of the existing environment covering information that directly relates to the scope of the proposed action and alternatives that are analyzed.

**Alternatives.** Different sets of objectives and strategies or means of achieving refuge purposes and goals, helping fulfill the Refuge System mission and resolving issues.

**Anadromous Fish.** Fish that normally migrate to salt water as juveniles and return to freshwater as adults to spawn.

**Archeological Resource.** Material remains of past human life or activities including (but not limited to) pottery, basketry, bottles, weapons, tools, structures, or any portion of the foregoing items at least 100 years of age.

**Archeological Resources Protection Act of 1979 (ARPA).** Protects cultural resources and outlines permitting procedures as well as violations and fines.

**Biological Diversity or Biodiversity.** The variety of life and its processes, including the variety of living organisms, the genetic differences among them, and communities and ecosystems in which they occur.

**Biological Integrity.** Biotic composition, structure, and functioning at genetic, organism, and community levels comparable with historic conditions, including the natural biological processes that shape genomes, organisms, and communities.

**Compatibility Determination.** A written determination signed and dated by the Refuge Manager and Regional Chief, signifying that a proposed or existing use of a national wildlife refuge is a compatible use or is not a compatible use.

**Compatible Use.** A proposed or existing use of a national wildlife refuge that, based on sound professional judgment, will not materially interfere with or detract from the fulfillment of the National Wildlife Refuge System mission or the purpose(s) of the national wildlife refuge.

**Comprehensive Conservation Plan (CCP).** A document that describes the desired future conditions of a refuge or planning unit and provides long-range guidance and management direction to achieve the purposes of the refuge.

**Habitat Connectivity or Landscape Connectivity.** The arrangement of habitats that allows organisms and ecological processes to move across the landscape.

**Cultural Resources.** The physical remains, objects, historic records, and traditional life-ways that connect us to our nation's past.

**Ecosystem.** A biological community together with its associated non-living environment, functioning as a unit.

**Environmental Impact Statement (EIS).** A detailed written statement required by section 102(2)(C) of the National Environmental Policy Act, analyzing the environmental impacts of a proposed action, adverse effects of the project that cannot be avoided, alternative courses of action, and any irreversible and irretrievable commitment of resources.

**Geological Resources.** Natural features related to the form of the earth or its solid surface. Rattlesnake Ridge, the Saddle Mountains, and White Bluffs are a few of the geological resources of Hanford Reach National Monument.

**Goal.** Descriptive, open-ended, often broad statement of desired future conditions that conveys a purpose but does not define measurable units.

**Habitat.** A suite of existing environmental conditions required by an organism for survival and reproduction. The place where an organism typically lives.

**Historic Conditions.** Composition, structure, and functioning of ecosystems resulting from natural processes that we believe, based on sound professional judgment, were present prior to substantial human related changes to the landscape.

**Historic Preservation.** Includes identification, evaluation, documentation, excavation, curation, acquisition, protection, rehabilitation, restoration, stabilization, maintenance, and any combination of the foregoing activities relative to cultural resources.

**Invasive Species.** Plant or animal species that tend to spread rapidly and harmfully. For example, cheatgrass invasion of native shrub-steppe displaces native species and alters natural fire regimes. Many invasive species are also noxious weeds.

**Issue.** Any unsettled matter that requires a management decision, e.g., an initiative, opportunity, resource management problem, threat to the resources of the unit, conflict in uses, public concern, or the presence of an undesirable resource condition.

**Management Unit.** An administrative area identified for management purposes. The Monument is currently divided into six management units.

**Microbiotic Crust.** A diminutive collection of mosses, lichens, liverworts, algae, and bacteria forming a living, spongy layer that helps protect soil from erosion, absorbs moisture, and provides nitrogen and other nutrients for plant growth.

**Monitoring.** Monitoring: A process of collecting information to evaluate if objective and anticipated or assumed results of a management activity or plan are being realized or if implementation is proceeding as planned.

**Mountain Bicycle.** Bicycle designed for off-pavement use. Generally are multi-g geared with fat knobby tires. Frames and tire rims are stronger than road bicycles. Also referred to in this document as a non-motorized vehicle.

**Native.** With respect to a particular ecosystem, a species that, other than as a result of an introduction, historically occurred or currently occurs in that ecosystem.

**Noxious Weed.** A plant species designated by federal or state law as generally possessing one or more of the following characteristics: aggressive or difficult to manage; parasitic; a carrier or host of serious insect or disease; or non-native, new, or not common to the United States.

**Objective.** A concise statement of what we want to achieve, how much we want to achieve, when and where we want to achieve it and who is responsible for the work. Objectives are derived from goals, and should be attainable, time-specific, and measurable.

**Overlay Wildlife Refuge.** A wildlife refuge on land which is owned by one or more federal agencies but managed by the USFWS. The Saddle Mountain National Wildlife Refuge is an overlay wildlife refuge.

**Paleontological Resources.** The remains of plants and animals that existed in prehistoric times.

**Planning Area.** The area upon which the planning effort will focus. A planning area may include lands outside existing planning unit boundaries currently studied for inclusion in the National Wildlife Refuge System and/or partnership planning efforts. It also may include watersheds or ecosystems outside of our jurisdiction that affect the planning unit. At a minimum, the planning area includes all lands within the authorized boundary of the refuge.

**Prescribed Fire.** Controlled application of fire to natural fuels under conditions of weather, fuel moisture, and soil moisture that will allow confinement of the fire to a predetermined area and, at the same time, will produce the intensity of heat and rate of spread required to accomplish planned benefits to one or more management objectives. Based on the concept of using fire as a management tool to achieve certain benefits at minimum environmental damage and acceptable cost.

**Reach.** A portion or stretch of a river. The 51-mile Hanford Reach is the last non-tidal, free-flowing stretch of the Columbia River in the United States. Most of it is contained in the Monument, which was named after it.

**Purpose(s) of the Refuge [Monument].** The purposes specified in or derived from the law, proclamation, executive order, agreement, public land order, donation document, or administrative memorandum establishing, authorizing, or expanding a national wildlife refuge or refuge subunit.

**Research Natural Area.** A federal land designation that establishes areas with predominantly natural conditions and processes for research and educational purposes. Such lands may have management restrictions to protect studies and ecological processes.

**Riparian.** Of or on the bank of a natural course of water. For example, riparian vegetation includes any and all plant life growing on the bank of a stream or the edge of, but not within, a pond or lake.

**Roads:**

**State Highway.** State-maintained, paved highway. State Highways 240, 24 and 243 are found in and around the Monument.

**Public Use Roads.** Transportation corridors that are administratively open to state licensed vehicles and non-motorized vehicles.

**Administrative Roads.** Transportation corridors that are closed to all motorized and non-motorized vehicles except for administrative purposes.

**Sacred Site.** As defined by Executive Order 13007, a specific, discrete, narrowly delineated location on federal land that is identified by an Indian tribe as sacred by virtue of its established religious significance to, or ceremonial use by, an Indian religion, provided that the tribe or appropriately authoritative representative of an Indian religion has informed the agency of the existence of such a site.

**Shrub-Steppe.** Arid land dominated by shrubs and grasses where soil and moisture limit the growth of trees. Such lands extend from southeastern Washington and eastern Oregon, through Idaho, Nevada, and Utah, and into western Wyoming and Colorado. Shrub refers to the most abundant plant species that grows in this ecoregion. “Steppe” is a Russian word that means a vast treeless plain.

**Step-Down Management Plan.** A plan that provides specific guidance on management subjects (e.g., habitat, public use, fire, safety) or groups of related subjects. It describes strategies and implementation schedules for meeting CCP goals and objectives.

**Strategy.** A specific action, tool, technique, or combination of actions, tools, techniques used to meet objectives.

**Traditional/Religious Values.** Places that possess values important to Native American tribal groups or other ethnic groups for traditional cultural or religious reasons. Traditional cultural values may not be necessarily associated with easily definable sizes of objects such as is the case with sacred peaks or viewsheds.

**Trail.** A developed or evolved transportation corridor that has been administratively authorized and designated for certain types of use.

**Vision Statement.** A concise statement of what the planning unit should be, or what we hope to do, based primarily upon the Refuge System mission and specific refuge purposes, and other mandates.

**Wetlands.** Lands transitional between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water.

**Wild and Scenic River.** A portion of a river that has been designated by Congress as part of the National Wild and Scenic Rivers System. In 1994, the Hanford Reach was found eligible and suitable for “recreational” wild and scenic river designation. The USFWS is obligated to manage the Hanford Reach so as not to negatively impact its potential addition to the National System.

**Wilderness.** An area that has been designated by Congress for inclusion in the National Wilderness Preservation System.

**Wildfire.** Any wildland fire that does not meet management objectives, thus requiring a fire suppression response.

**Wildlife-Dependent Recreation.** A use of a national wildlife refuge involving hunting, fishing, wildlife observation and photography, or environmental education and interpretation. The National Wildlife Refuge System Improvement Act of 1997 specifies that these are the six priority general public uses of the National Wildlife Refuge System.

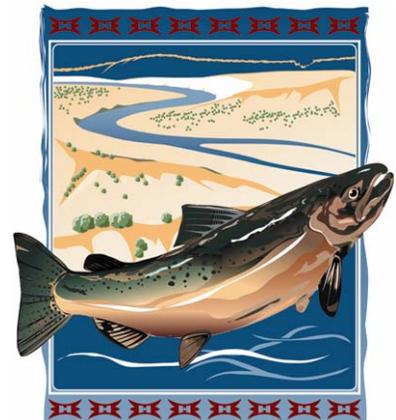


# Hanford Reach National Monument Planning Workshop III

June 17-19, 2003  
Richland, WA

## DRAFT REPORT

Appendix V  
About CBSG





## About CBSG

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CBSG is part of IUCN — The World Conservation Union. With 975 volunteer members, CBSG is one of the largest of more than 110 Specialist Groups comprising the Species Survival Commission (SSC), one of six IUCN Commissions. CBSG has over 10 years of experience in developing, testing and applying scientifically based tools and processes for risk assessment and decision-making in the context of species and habitat management. These tools, based on small population and conservation biology, human demography, and the dynamics of social learning are used in intensive, problem-solving workshops to produce realistic and achievable recommendations for both conservation and management.

CBSG's workshop process provides an objective environment, expert knowledge, and neutral facilitation to support the exchange of information across diverse stakeholder groups in order to reach some agreement on the important issues facing both humans and wildlife. With this understanding, meaningful and practical management recommendations can be made. The process has been remarkably successful in uncovering and integrating previously unpublished information vital to the decision making process.

CBSG has learned a host of lessons in more than 100 workshop experiences in 40 countries. Traditional approaches to endangered species problems have tended to emphasize the lack of information and the need for additional research. This has been coupled with a hesitancy to make explicit risk assessments of species status and a reluctance to make immediate or non-traditional management recommendations. The result has been long delays in preparing action plans, loss of momentum, and dependency on crisis-driven actions or broad recommendations that do not provide useful guidance to the managers.

CBSG's interactive and participatory approach produces positive effects on management decision-making and generating political and social support for conservation actions by local people. Workshop participants recognize that management policies and actions need to be designed as part of a biological and social learning process. CBSG workshops provide tools for designing management decisions and programs on the basis of sound science, while allowing new information and unexpected events to be used constructively to adjust management practices. Timely production of workshop reports has immediate impact on stakeholders and decision makers.

Our basic set of tools for workshops include small group dynamic skills, explicit use in small groups of problem restatement, divergent thinking sessions, identification of the history and chronology of the problem, causal flow diagramming (elementary systems analysis), matrix methods for qualitative data and expert judgments, paired and weighted ranking for making comparisons between sites, criteria, and options, utility analysis, stochastic simulation modeling for single populations and metapopulation and deterministic and stochastic modeling of local human populations.

CBSG is funded by annual voluntary donations from more than 150 institutions and individuals worldwide. Support for individual projects comes from conservation organizations, private foundations, zoos, aquariums and regional zoo associations, corporations and wildlife agencies.

**Moriya McGovern**  
**Program Assistant**

B.A., Biology, St. John's University/College of St. Benedict, 1999

Moriya joined CBSG in September 2000 after completing a marine mammal training internship at Shedd Aquarium in Chicago. She has experience as an interpretive naturalist and in insect rearing and studied marine biology for a semester at the University of Port Elizabeth, South Africa.

Moriya's main biological interests have evolved to include wildlife ecology, entomology and taxonomy. This background has helped her in her role as recorder and process assistant at CBSG workshops as well as when assisting the CBSG Program Officers with assembling workshop briefing books, editing reports, and other workshop preparation. Moriya also graphically designs report covers, designed and now updates the CBSG website and edits the CBSG Newsletter.

**Dr. Onnie Byers**  
**Program Officer**

B.S., Animal Science, University of Wisconsin, 1983  
M.S., Animal Physiology, University of Minnesota, 1987  
Ph.D., Animal Physiology, University of Minnesota, 1990  
Post Doc., National Zoological Park/Smithsonian Institution, 1990-1993

Onnie earned her Ph.D. in reproductive physiology from the University of Minnesota and completed a post doctoral fellowship at the Smithsonian Institution's National Zoo in Washington D.C. She was a member of the National Zoological Park's Mobile Laboratory Research team, and participated in reproductive studies involving cheetah, pumas, tigers and the giant panda.

Onnie joined the CBSG staff in 1991 as a Program Officer. In addition to serving as a reproductive specialist in workshops conducted by CBSG and other conservation organizations, Onnie is responsible for organization, design and facilitation of CBSG's Population and Habitat Viability Assessment, Conservation Assessment and Management Plan and Organization-based workshops. She also has been collaborating with the SSC and the IUCN Red List office to develop a process for feeding species threat assessments made at CBSG workshops directly into the global IUCN Red List. Onnie is dedicated to the transfer of these tools and processes to conservationists around the world through the establishment and nurturing of regional and national CBSG Networks.