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# Bear River Hydroelectric Project

*FERC Project No. 20*



## 2011 Annual Report

*Summary of License Implementation and Compliance*

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*On the cover: The first release of Bonneville cutthroat trout produced by Idaho Department of Fish and Game through the BCT Broodstock Program. Young fish were released at Kackley Springs April 20, 2011. The event was attended by ECC members, representatives from IDFG, Sagebrush Steppe Regional Land Trust, and local media.*

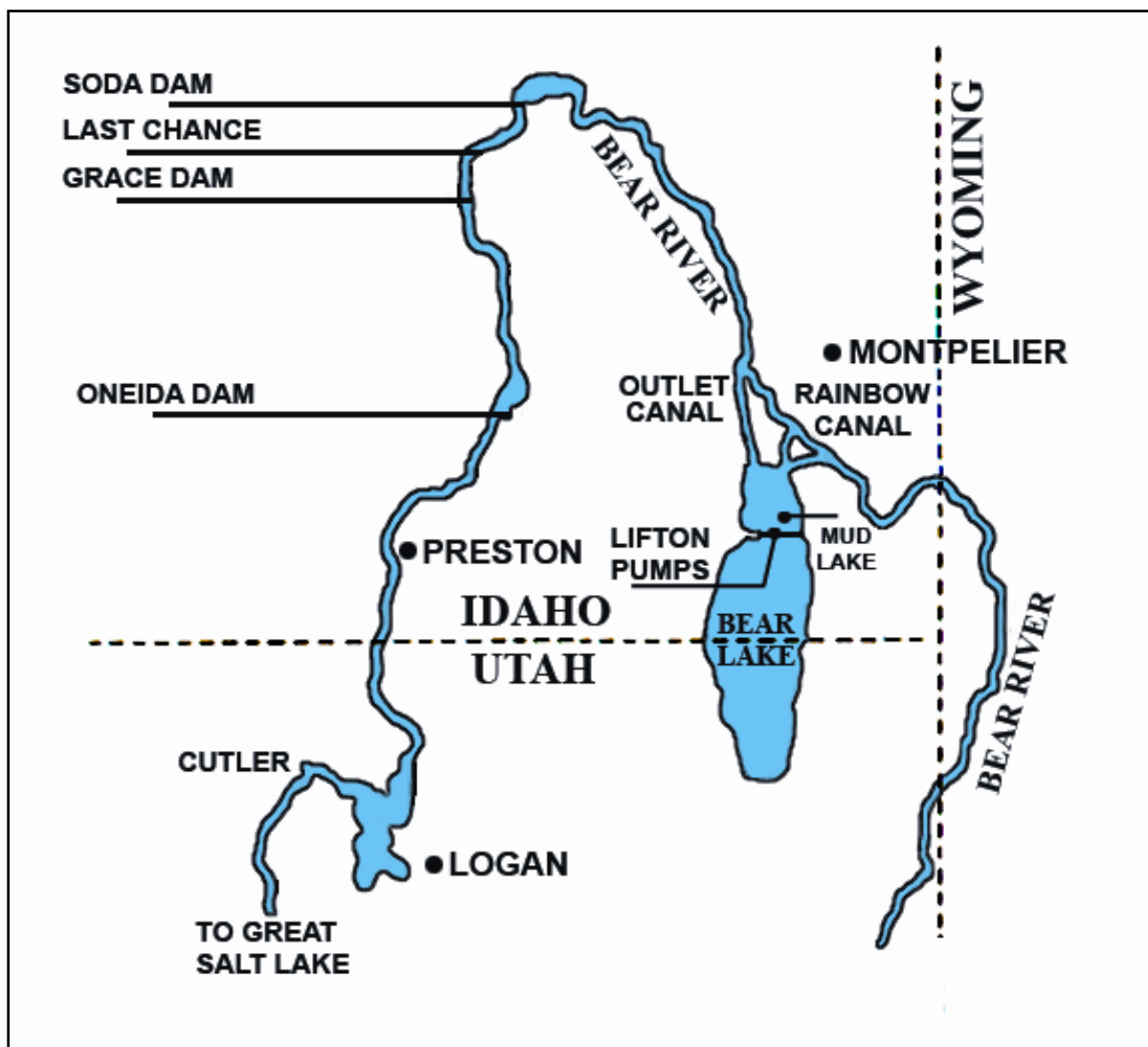


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*The Bear River Hydroelectric Project is located in southeastern Idaho and includes facilities owned and operated by PacifiCorp Energy at Soda, Grace and Oneida.*

# Bear River Hydroelectric Project

## 2011 Annual Report

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*Summary of License Implementation and Compliance*

### **1.0 Introduction**

Located on the Bear River in southeastern Idaho, the Bear River hydroelectric developments consist of three dams and powerhouses that together have a total installed capacity of 77 megawatts of electrical generation: the Soda, Grace, and Oneida developments. Construction of these developments, known collectively as the Bear River Hydroelectric Project (FERC Project No. 20) was authorized by the U.S. Secretary of Interior in 1907 for irrigation, flood control and hydroelectric generation. Construction of the dams began in 1909 and was completed in 1927, during which time they were originally licensed. A fourth hydroelectric development, Cove, was part of the original hydroelectric project and was decommissioned in 2006.

The company acquired water rights from various holders during the development years of these projects in exchange for perpetual contracts to deliver irrigation water from Bear Lake. Water rights were further defined by court decrees, the Bear River Compact (as revised), and other subsequent agreements. The Bear River Project is largely dependent on irrigation water pumped from Bear Lake into the river system to generate power.

Between 1976 and 1981, the Federal Energy Regulatory Commission (FERC) issued new licenses for the Soda, Grace-Cove, and Oneida projects. These FERC licenses expired in October 2001.

In the late 1990s, as the expiration of the licenses approached, PacifiCorp initiated the relicensing process. After extensive studies and agency consultation, this process culminated in the signing of the Bear River Settlement Agreement (Settlement Agreement) on August 28, 2002.

FERC approved the Settlement Agreement and issued a new 30-year license for the Bear River Project on December 22, 2003. The Settlement Agreement and new license requires the provision of recreation enhancements, minimum instream flows to benefit aquatic resources, funds to conserve and benefit natural resources within a defined action area, and other measures related to land management, protection of cultural resources, and restoration of Bonneville cutthroat trout. The Environmental Coordination Committee (ECC), a stakeholder group comprised of signatories to the Settlement Agreement, was formed to consult and make decisions regarding the use of funding, and implementation of license and Settlement Agreement requirements.

The Settlement Agreement (Section 4.6) and License Article 401 specify that a detailed annual report on the activities of the ECC and implementation of protection, mitigation, and enhancement (PM&E) measures be prepared yearly throughout the term of the license.

This annual report fulfills these requirements for the report period of calendar year 2011.

## **1.1 Background**

On September 27, 1999, PacifiCorp filed applications for new licenses for the continued operation of the Soda, Grace, Cove and Oneida hydroelectric developments, now known collectively as the Bear River Hydroelectric Project in Caribou and Franklin counties, Idaho.

A number of motions to intervene in the relicensing proceedings were filed by state and federal agencies, non-governmental agencies, and individuals. On February 13, 2002, FERC issued a “Ready for Environmental Analysis” notice for the Bear River Projects.

On September 25, 2002, PacifiCorp filed an Offer of Settlement pursuant to FERC Rule 602, 18 Code of Federal Regulations § 385.602 to resolve issues concerning the relicensing of the Bear River Hydroelectric Project.

Parties to the Settlement Agreement include PacifiCorp, U.S. Fish and Wildlife Service (USFWS), Bureau of Land Management (BLM), National Park Service (NPS), USDA-Forest Service (USFS), Shoshone-Bannock Tribes (Tribes), Idaho Department of Environmental Quality (IDEQ), Idaho Department of Fish and Game (IDFG), Idaho Department of Parks and Recreation (IDPR), Idaho Council of Trout Unlimited (TU), Idaho Rivers United (IRU), Greater Yellowstone Coalition (GYC), and American Whitewater (AW).

A draft environmental impact statement (EIS) was prepared and issued for public comment on November 1, 2002. The final EIS was issued April 11, 2003. Both the draft and final EISs recommended adoption of the Settlement Agreement terms.

A FERC order approving the Settlement Agreement and issuing a new 30-year license for the Bear River Project was issued December 22, 2003.

Copies of the Settlement Agreement and the FERC license are available from FERC upon request or on PacifiCorp’s website at: <http://www.pacificorp.com/es/hydro/hl/br.html#>

The license required study of alternatives, including decommissioning, for the Cove hydroelectric development near Grace, Idaho. After alternative analysis, an agreement was reached with stakeholders and regulators to decommission Cove. PacifiCorp signed the Cove Settlement Agreement on July 20, 2005. The FERC issued the Cove Decommissioning Order on May 23, 2006, and the dam and water conveyance structures were removed during the summer of 2006. Reclamation of the Cove project area, including the former dam and flume sites, was completed by late fall of 2006.

## **1.2 Environmental Coordination Committee**

Section 4 of the Settlement Agreement establishes a process to facilitate coordination and decision-making concerning implementation of Settlement Agreement measures, which was adopted in Article 402 of the new license. To accomplish this objective, Section 4.1 of the Settlement Agreement provides for the creation of the ECC consisting of representatives from the signing parties. The purpose of the ECC, discussed in Section 4, is to: 1) facilitate coordination and consultation on plans developed by PacifiCorp for the implementation of PM&E measures; 2) propose and approve appropriate PM&E measures; 3) establish appropriate monitoring criteria to evaluate the effects of PM&E measures; 4) coordinate the implementation of PM&E measures; 5) establish appropriate procedures for conducting activities; and 6) establish subcommittees, as necessary, to accomplish these objectives.

## **1.3 Report Organization**

The 2011 Bear River Hydroelectric Project Annual Report provides the following information:

- Section 2.0 - Environmental Coordination Committee Activities
- Section 3.0 - Accomplishments
- Section 4.0 - Funding
- Appendix A: ECC Members, Alternates and Authorized Signatories
- Appendix B: Grace-Cove Site Plan Compliance Monitoring and Performance Tracking
- Appendix C: Cove Shoreline Buffer Fence Annual Monitoring Report
- Appendix D: Oneida Site Plan Compliance Monitoring and Performance Tracking
- Appendix E: Soda Site Plan Compliance Monitoring and Performance Tracking
- Appendix F: Grace Dam and Last Chance Site Plan Compliance Monitoring and Performance Tracking
- Appendix G: Habitat Enhancement Project Monitoring
- Appendix H: 2012 Implementation Schedule

## **1.4 Reports and Studies Completed in 2011**

The following reports and studies were completed during the 2011 reporting period and have been submitted along with this annual report to the FERC:

- 2011 Revised Land Management and Buffer Zone Plans
- Oneida Development Water Year 2011 Operations Report

## **2.0 Environmental Coordination Committee Activities**

This section provides an overview of ECC roles and responsibilities according to the Settlement Agreement and as subsequently implemented in compliance with Article 402. It also presents a summary of ECC meetings held during the 2011 report period, including major discussion points and decisions made at each meeting.

### **2.1 ECC Roles and Responsibilities**

The purpose and role of the ECC, as defined in Section 4.1 of the Settlement Agreement, is to facilitate coordination and implementation of PM&E measures. Specifically excluded from ECC responsibility and authority is the release of water from Bear Lake for any reason.

The structure and process of the ECC is intended to provide a forum to address time-sensitive matters; early warning of problems; and coordination of member organization actions, schedules, and decisions to save time and expense. The ECC strives to make collaborative decisions, based on consensus, while implementing the Settlement Agreement.

The ECC is responsible for the following measures, pursuant to the Settlement Agreement (Section 4.1):

- Identify and prioritize (habitat enhancement and land and water acquisition) implementation projects.
- Facilitate coordination and consultation between PacifiCorp and the other parties on plans developed by PacifiCorp for the implementation of PM&E measures.
- Coordinate and monitor implementation of PM&E measures and review ongoing monitoring requirements by PacifiCorp.
- Propose and approve PM&E measures for Bonneville cutthroat trout and other aquatic resources pursuant to the Settlement Agreement. Review and comment on the draft annual report of ECC activities and implementation of the PM&E measures.
- Establish appropriate procedures for conducting its activities consistent with the Settlement Agreement, including protocols for public involvement and community outreach.
- Establish subcommittees as necessary for the purpose of achieving objectives described above and determining size, membership, and procedures of such committees.

### **2.2 ECC Members**

The parties to the Settlement Agreement have each appointed a member and an alternate to the ECC. Appendix A lists the members, their alternates and authorized signatories.

During the 2011 reporting period, the ECC met eight times. The primary purposes of the meetings were to discuss implementation strategies for PM&E measures, to discuss results of studies funded by the ECC, and to report on and coordinate grant fund projects. In addition, the ECC conducted business by conference call three times during 2011. Formal ground rules established and adopted by the ECC provided the functional framework for this collaborative work. ECC member participation in the meetings during 2011 is shown in Table 2-1.

<b>Table 2-1. ECC Member Meeting Participation during 2011.</b>									
<b>ECC Member</b>	<b>Affiliation</b>	<b>ECC Meeting Date</b>							
		<b>1/19</b>	<b>2/16</b>	<b>4/20</b>	<b>6/15</b>	<b>8/17</b>	<b>10/18 &amp; 19</b>	<b>11/9</b>	<b>12/14</b>
Blaine Newman Arn Berglund, Alternate	Bureau of Land Management		X						
Marv Hoyt Andrea Santarsiere, Alternate	Greater Yellowstone Coalition	X	X	X	X	X	X	X	X
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United						X	X	X
David Teuscher Arnie Brimmer, Alternate	Idaho Department of Fish and Game	X	X	X	X	X	X	X	X
Rick Just Kirk Rich, Alternate	Idaho Department of Parks and Recreation						X		
Cary Myler David Kampwerth, Alternate	U.S. Fish and Wildlife Service	X	X	X	X	X	X	X	X
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	X	X	X	X	X	X	X	X
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes								
Lee Mabey Corey Lyman, Alternate	USDA-Forest Service	X	X	X			X	X	X
Kirk Dahle (outgoing rep) Paul Burnett (incoming rep) Warren Colyer, Alternate	Trout Unlimited	X	X	X	X	X	X	X	X
Lynn Van Every Greg Mladenka, Alternate	Idaho Department of Environmental Quality	X	X	X	X	X	X	X	X
Susan Rosebrough Dan Miller, Alternate	National Park Service						X	X	
Mark Stenberg Eve Davies, Alternate	PacifiCorp	X	X	X	X	X	X	X	X

## 2.3 Overview of the Meetings

This section summarizes the issues covered and areas of consensus reached during ECC meetings over the 12-month report period.

### **ECC Meeting #1 – January 19, 2011**

- Heard updates on current grant projects and the 2010 Annual Report and reviewed the ECC's 2011 calendar and membership on the Funding subcommittee. Approved Kirk Dahle (Trout Unlimited) as a member of the Funding subcommittee.
- Heard a report on South Liberty Irrigation Company's new irrigation diversion from U.S. Forest Service representative Wayne Beck.
- Held a work session with R2 Resource Consultants on conceptual design of fish passage at the Oneida development.
- Heard updates on land acquisition fund projects from Sagebrush Steppe Regional Land Trust.
- Reviewed the land trust Memorandum of Agreement (MOA) process.
- Discussed and voted to approve purchase of conservation easement defense insurance for conservation easements funded by the ECC.

### **ECC Meeting #2 – February 16, 2011**

- Heard updates on current grant projects, the 2010 Annual Report, 2011 whitewater boater flows, the budget for Black Canyon Monitoring, and Twin Lakes Canal Company's proposed dam in the Bear River Narrows.
- Reviewed the 2011 grant fund review calendar, the status of grant funds, and proposals received, assigning ECC sponsors as needed.
- Heard a report on the February 4 conference call with R2 Resource Consultants regarding conceptual design of fish passage at the Oneida development and discussed potential next steps.
- Heard a presentation from IDFG on management planning tools that organization has developed and is using to prioritize restoration projects.
- Heard a status report on updates to the Land Management and Buffer Zone Plans.
- Heard updates on land acquisition fund projects from Sagebrush Steppe Regional Land Trust.
- Reviewed updates to PacifiCorp's MOA with Sagebrush Steppe.

### **Funding Proposal Subcommittee Meeting – March 17, 2011**

- Reviewed and ranked 2011 grant proposals.



### **ECC Meeting #3 – April 20, 2011**

- Heard updates on current grant projects, 2011 whitewater boater flows, conceptual design of fish passage at the Oneida Development and revisions to the Land Management and Buffer Zone Plans.
- Approved recommendations on proposed 2011 habitat enhancement projects from the Funding Subcommittee.
- Heard updates on land acquisition projects from Sagebrush Steppe Regional Land Trust.
- Toured the Kackley Springs project and participated in the release of the first Bonneville cutthroat trout produced through IDFG's broodstock program.

### **ECC Meeting #4 – June 15, 2011**

- Heard updates on current grant projects, a site visit to Cottonwood/Shingle Creek, 2011 whitewater boater flows, revisions to the Land Management and Buffer Zone Plans, and the Conservation Hatchery Program.
- Heard an update on Oneida Fish Passage conceptual design and discussed next steps.
- Scheduled a conference call to provide comments on the draft Black Canyon Monitoring Report.
- Heard updates on land acquisition fund projects from Sagebrush Steppe Regional Land Trust.
- Reviewed and ranked revised habitat enhancement projects.

### **ECC Meeting #5 – August 17, 2011**

- Heard updates on current grant projects and proposals for 2011 habitat enhancement projects, the Black Canyon Monitoring Report, Oneida fish passage conceptual design and the Bonneville cutthroat trout broodstock program.
- Agreed to fund design of a fish screen on Cottonwood Creek, a new habitat enhancement project sponsored by Trout Unlimited, in the amount of \$15,000.
- Approved funding for repairs to the alternative water source at Laurie Harris Spring (site of an ECC-funded habitat enhancement project) in the amount of \$1,450.00.
- Reviewed the status of the Cove water right.
- Developed a calendar and agenda for whitewater boater flow discussions.
- Reviewed the ECC's decision making process.

- Heard updates on land acquisition fund projects from Sagebrush Steppe Regional Land Trust.
- Agreed to support the use of electric fencing to exclude cattle along the south boundary of the Deep Creek property and to support the concept of a proposed land swap and conservation easement along the north boundary (discussion only).
- Agreed to support acquisition of a proposed conservation easement near the Henderson easement in Riverdale in the amount of \$255,000 using terms of an adjoining easement as a general template, but with more thorough documentation of baseline conditions and including measureables. Terms would include arbitration by a mutually-agreed-upon third party if in the future the land trust and owner do not agree on how the land is being managed.

### **ECC Meeting #6 – October 18 & 19, 2011**

Meeting #6 included the first two of four ECC work sessions devoted to discussion and decision making on the whitewater boater flow program. Additional work sessions were held in November and December.

#### **Regular ECC Business**

- Heard updates on current grant projects and the Land Management and Buffer Zone Plans.
- Reviewed and approved the Nichols/Whiskey Creek project as modified to include daylighting of the stream only, pending receipt of a revised project description and with the caveat that the ECC have an opportunity to review reclamation plans during the design phase of the project.
- Heard updates on land acquisition fund projects and conservation planning mapping efforts from Sagebrush Steppe Regional Land Trust.

#### **Boater Flow Meeting Session 1**

- Reviewed Federal Power Act and licensing requirement about equal consideration.
- Reviewed Settlement Agreement section 3.1.6 and subsections.
- Reviewed Settlement Agreement decision making process in section 4.2 and subsections.
- Reviewed studies and identified additional data/studies needed.

#### **Boater Flow Meeting Session 2**

- Participating parties presented a statement of interests to the group.
- Parties developed a list of potential alternative components.

## **ECC Meeting #7 – November 9, 2011**

### **Regular ECC Business**

- Heard updates on current grant projects.
- Heard updates on land acquisition fund projects from Sagebrush Steppe Regional Land Trust.
- Released annual stewardship funding in the amount of \$12,221 to Sagebrush Steppe Regional Land Trust.

### **Boater Flow Meeting Session 3**

- Reviewed results of additional study/analysis, as discussed at the October meeting.
- Heard alternative proposals from PacifiCorp and American Whitewater.

## **ECC Meeting #8 - December 14, 2011**

### **Regular ECC Business**

- Heard updates on current grant projects
- Approved the 2011 Revised Land Management and Buffer Zone Plans.
- Heard updates on land acquisition fund projects from Sagebrush Steppe Regional Land Trust.
- Approved long-term stewardship funding for the Deep Creek parcel in the amount of \$80,000.
- Reviewed revisions to PacifiCorp's memorandum of agreement with Sagebrush Steppe Regional Land Trust.

### **Boater Flow Session 4**

- Presented and discussed alternatives.
- Developed and approved a conceptual agreement for Black Canyon Boater Flows and Adaptive Management. Approval/voting on boater flow program modifications per Section 3.1.6.3.
- Agreed to develop a final agreement and study plans prior to the January ECC meeting.

## **Conference Calls**

In addition to the regular meetings described above, the ECC conducted business by conference call three times during 2011. The ECC discussed alternatives for fish passage at the Oneida development on February 4 with R2, the consultants preparing conceptual designs for the project. A conference call with Sagebrush Steppe Regional Land Trust was held July 22 to discuss next steps for a proposed conservation easement. The ECC provided comments on the final Black Canyon Monitoring Report on an August 24 conference call.

## **Consensus Decisions Made by E-mail Vote**

In 2006, the ECC agreed to consensus decision-making by email vote. The following consensus decisions were made by ECC members via email vote during 2011:

- Clarify with FERC that the suspension of Article 409 should continue until the ECC has reviewed all three reports (water quality, fish stranding and Black Canyon monitoring) and made its final recommendation to FERC one year later than originally contemplated in the 8/22/08 order from FERC that granted the suspension (vote: January 27, 2011).
- Provide \$8,805 in habitat enhancement funding to Oasis to make up a \$655 shortfall in the Black Canyon monitoring fund and provide 50 percent of the requested funds to Oasis in the amount of \$7,350 to cover outstanding lab costs and to address a shortfall to complete the report (Vote March 3, 2011).
- Approve the Deep Creek Management Plan and annual monitoring and maintenance expenses. This will formally adopt the conservation values, and goals and objectives for the property and allow Sagebrush Steppe Regional Land Trust to proceed in the near term with 2011 monitoring and management activities (vote: April 26, 2011).
- Provide \$25,000 of operating assistance to Sagebrush Steppe Regional Land Trust from the Land and Water Acquisition Fund (vote: June 27, 2011).

### **3.0 Accomplishments**

This section presents the actions taken during 2011 toward requirements in the Settlement Agreement and PacifiCorp's 30-year license for the Bear River Hydroelectric Project, as defined in FERC's Order Approving Settlement Agreement and Issuing New License from December 22, 2003. The agreed-upon schedule for implementing PM&E measures is described in Exhibit 1 of the Settlement Agreement. A modified schedule was proposed and approved in the Implementation Plan prepared for the Bear River Project.

The PM&E measures schedule in the Settlement Agreement was modified due to requirements in the new license. With each annual report, an implementation schedule for the upcoming year will be presented that updates and replaces the implementation schedule filed with the Implementation Plan on May 28, 2004, and the schedule included in the previous annual report. The 2012 Implementation Schedule is included in Appendix H of this report.

A discussion of the activities associated with each of the PM&E measures is presented in Table 3.1-1 by License Article for the report period January - December 2011. A description of funding amounts deposited and disbursed during 2011 is provided in Section 4.0 - Funding.

<b>Table 3.1-1 Accomplishments During the 2011 Report Period</b>			
<b>License Article</b>	<b>Accomplishments 2011</b>	<b>Comments</b>	<b>Future Plans 2012</b>
401	2010 Annual Report was filed with FERC.	Annual Report preparation and filing. To include studies and reports completed along with accounting for funds.	2011 Annual Report filed before March 31, 2012.
402	Environmental Coordination Committee meetings conducted on January 19, February 16, March 16 (Grant Fund Subcommittee), April 20, June 15, August 17, October 18 & 19, November 9 and December 14, 2011.	ECC meetings were facilitated by PacifiCorp.	Meetings are expected to continue on approximately a bi-monthly schedule through 2012. The main agenda items for regular meetings will be grant fund habitat enhancement and land and water acquisition projects along with Bonneville cutthroat trout stocking from the conservation hatchery program.
403	The final broodstock development funding payment was made to IDFG in 2010.	IDFG released the first Bonneville cutthroat trout produced at the hatchery at Kackley Springs on April 20, 2011. ECC members were present and the event was covered by local media.	This license article is complete.
404	A draft Conservation Hatchery Agreement was prepared with IDFG in 2011. The Conservation Hatchery Program commenced December 22, 2011.	Awaiting final Broodstock Report from IDFG prior to disbursing 2012 Conservation Hatchery Funds.	First conservation hatchery payment will be made in 2012.
405	Funding requests were rated and ranked by subcommittee at a March 16 meeting and approved by the ECC at the April 20, August 17 and October 18 meetings.	Nine habitat enhancement projects were funded during 2011: Cub River Fish Ladder Improvements Fox/North Hoops Creek Fish Screen Screen Tender 2011 Bear River Tributary Sediment Removal Bonneville Cutthroat Trout 10-Year Return Monitoring Tingey/Trout Creek Corral Relocation, Phase I Laurie Harris Spring – Repairs to Alternate Water Source Cottonwood Creek Fish Screen Design Nichols/Whiskey Creek Stream Restoration	Subcommittee is scheduled to evaluate new projects March 21, 2012, and will present recommendations to the ECC at its April 18, 2011 meeting.

<b>Table 3.1-1 Accomplishments During the 2011 Report Period</b>			
<b>License Article</b>	<b>Accomplishments 2011</b>	<b>Comments</b>	<b>Future Plans 2012</b>
		Monitoring completed for habitat projects completed in previous years.	
406	No Land and Water Conservation Fund Projects were closed in 2011.	Land and Water Acquisition Fund	Because of the opportunistic nature of Land and Water Acquisition Fund proposals, they will be evaluated for funding at any time of the year.  A 1033-acre conservation easement that will protect portions of Mink Creek and upland habitat is planned to close early in 2012.
407	Final Report of Black Canyon Monitoring, "Effects of the Variable Flow Regime on the Ecology of the Black Canyon of the Bear River, ID" was received and reviewed by the ECC. The final report was transmitted to FERC with the January 31, 2012, report on Boater Flows.		Activities under this license article are complete.
408	Notification of annual maintenance activities and timeframes were given to the ECC by the Environmental Coordinator on March 15, August 29 and 30, September 23 and October 4, 2011.  In 2011, PacifiCorp installed the low level release valve in Grace Dam to provide increased ability to reliably deliver the required minimum stream flows in the Black Canyon Reach.	The licensee shall maintain continuous minimum bypass flows from the project development as follows:  (a) Below the Soda Dam: year-round minimum flow of 150 cfs, or inflow into the Soda reservoir, whichever is less;  (b) Grace bypassed reach: a year-round minimum bypass flow of 63 cfs or inflow, whichever is less, in addition to 2 cfs leakage below the Grace Dam;  (c) Oneida reach below the powerhouse: a year-round minimum flow of 250 cfs or inflow, whichever is less, in addition to 1 cfs leakage below Oneida Dam.	The minimum stream flow requirements will continue in accordance with procedures described in the Operations and Compliance Plan.  Annual maintenance schedule to be given to ECC before April of 2012.

<b>Table 3.1-1 Accomplishments During the 2011 Report Period</b>			
<b>License Article</b>	<b>Accomplishments 2011</b>	<b>Comments</b>	<b>Future Plans 2012</b>
409	Per the requirements in a June 3, 2011, FERC Order PacifiCorp submitted a report of ECC decision making regarding boater flows and the suspension of Art. 409. This report was submitted on January 31, 2012 and included a recommendation to continue suspension of Art. 409. The report also included the ECC's decision to use the down ramp rate of 1 FT/HR following boater flows.	Fish Stranding Minimization Plan	Provide an update to FERC of final ECC decisions on the Black Canyon Boater Program and ongoing studies within 45 days of final ECC approval.
410	Noxious weed control activities were performed.	Kackley Springs Reroute Project	This license article is complete. Future land management activities around the springs will be conducted in accordance with the Grace/Cove Site Plan. The ECC will consider a project to raise the elevation in the main pond during the 2012 grant fund cycle.
411	No new action	Dam Leakage Minimization Plan	On-going annual measurement in compliance with license.
412	<p>Implement ramping rate limitations.</p> <p>Two deviations from minimum stream flow requirements below the Oneida Power House occurred in 2011. FERC was provided notice of these on February 28 and December 28, 2011. Both were caused by equipment malfunctions. FERC determined that neither constituted a violation of license requirements.</p> <p>Notification of annual maintenance activities and timeframes were given to the ECC by the Environmental Coordinator via email. See Article 408 summary.</p> <p>The ECC determined that a 1 FT/HR down ramp rate would be used for boater flows (see also summary for LA 409, above).</p>	Ramping rate limitations are being followed at Grace, Soda, and Oneida.	<p>The ramping rate limitations will continue in accordance with procedures described in the Operations and Compliance Plan.</p> <p>Annual maintenance schedule to be given to ECC before April 2012.</p>



<b>Table 3.1-1 Accomplishments During the 2011 Report Period</b>			
<b>License Article</b>	<b>Accomplishments 2011</b>	<b>Comments</b>	<b>Future Plans 2012</b>
413	On-going.	Compliance with Clean Water Act Section 401 Certification.	Idaho Department of Environmental Quality will continue to collect water quality monitoring data during boater flow events in 2012, 2013 and 2014 to inform potential future management decisions.
415	Operations and compliance issues were handled according to the provisions of the Operations and Compliance Plan issued April 7, 2005.	Includes description of equipment and methods for compliance with instream flow and ramping requirements.	Submit updated Operations and Compliance Plan to FERC in 2012. Updates include new stream flow gaging equipment, change in compliance point at Grace Dam, operations directions for transition from minimum stream flow at Grace Dam to inflow and publication of USGS stream flow data.
416/417	<ul style="list-style-type: none"> <li>• Park maintenance payment was made to Caribou County for 2011 funding.</li> <li>• Law enforcement payment was made to Franklin County for 2011 funding.</li> <li>• Dust abatement applications were made around the campgrounds and day-use area.</li> <li>• Oneida Campground Maintenance payment was made to USDI-BLM for 2011 funding.</li> </ul>	Recreation Site Maintenance	<ul style="list-style-type: none"> <li>• Implement annual dust abatement measures</li> <li>• Maintain signs and recreation sites</li> <li>• Make annual payment to Caribou County</li> <li>• Make annual payment to USDI-BLM</li> <li>• Make annual payment to Franklin County Sheriff</li> <li>• Perform Recreation and Traffic Safety Plan and Site Plan recreation elements annual monitoring as specified</li> </ul>
418	Modification to the dam to install boater flow spill gates was completed in 2007.	Boating Flow Release Plan	Actions required under this license article are complete.
419	A total of 16 boater flows were released according to the published forecast. ECC meetings were held to discuss study results, ramp rates water quality and the timing and schedule of future boater flows. A report of these discussions was submitted to FERC on January 31, 2012.	Boating Flow Release Schedule	Per the new 2012 ECC agreement, four weekends of scheduled boater flows will be released between April 1 and June 5. A down ramp rate of 1 FT /HR will be used.
420	<ul style="list-style-type: none"> <li>• Recreation flows were provided in relation to required irrigation releases. Much of the normal irrigation season, irrigation demand resulted in boatable flows (generally above about 600 cfs) in the Oneida Narrows reach.</li> </ul>	Oneida Development Water Year 2011 Operations Report is submitted to FERC with this annual report.	When water is available, flows below the Oneida powerhouse will be greater than 900 cfs, as described in the Operations and Compliance Plan.

Table 3.1-1 Accomplishments During the 2011 Report Period			
License Article	Accomplishments 2011	Comments	Future Plans 2012
	<ul style="list-style-type: none"> <li>Operational regime report was filed with IDEQ.</li> </ul>		
421	In 2011 a boater flow schedule was developed with American Whitewater after PacifiCorp provided the 2011 water year forecast. The schedule was provided to the ECC for review and submitted to FERC. Flows were forecasted on the PacifiCorp website and information provided on the Flow Phone.	Boating Flow Forecasting Plan	Implement the "Draft Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management." This will provide four weekends of scheduled flows between April 1 and June 5, a 1 FT/HR downramp rate and continued suspension of Art. 409. PacifiCorp will provide the flow forecast, develop a schedule with American Whitewater and post the schedule on the Bear River website and Flow Phone.
422	Maintained website and Flow Phone.	PacifiCorp Flow Phone: (800) 547-1501  Bear River Implementation website: <a href="http://www.pacificorp.com/es/hydro/hl/br.html#">http://www.pacificorp.com/es/hydro/hl/br.html#</a>	In addition to river flows information, the website also provides ECC agendas, meeting notes, reports and other documents related to implementation of the license.
423	A cultural resource training presentation was prepared and presented to all Bear River operations staff.  Annual Report of HPMP Activities was provided to FERC.  Interpretive sign text and graphics were finalized in 2011 for all signs except those covering Native American use of the area.	Historic Properties Management Plan	<ul style="list-style-type: none"> <li>Continue to follow HPMP guidance for project review.</li> <li>Manufacture and install all interpretive panels that were finalized in 2011.</li> <li>Provide HPMP report to FERC before January 22, 2012, deadline.</li> <li>Continue to work with Tribes on Native American interpretive signs.</li> <li>Provide staff cultural resource training.</li> </ul>
424/425/426	<ul style="list-style-type: none"> <li>The Article 424 Land Management and Buffer Zone Plan was updated in consultation with the ECC. The final document is submitted with this annual report for FERC review and approval.</li> <li>Remaining interior cross fencing was removed in Oneida Canyon. The majority of interior cross fencing was removed at Soda.</li> </ul>	The Land Management Plan was approved by the FERC on April 11, 2006. The LMP describes development of site plans for five project areas and stipulates the contents of the site plans. According to the LMP, site plans will be complete (written) within 5 years after LMP approval. Site plans will be implemented no	<ul style="list-style-type: none"> <li>Continue monitoring as required for Grace-Cove, Oneida, Soda, and Grace and Last Chance site plans.</li> <li>Ongoing maintenance of fences, gates and boundaries in all site plan areas.</li> <li>Monitor compliance with site plan implementation measures and performance of those measures.</li> </ul>

Table 3.1-1 Accomplishments During the 2011 Report Period			
License Article	Accomplishments 2011	Comments	Future Plans 2012
	<ul style="list-style-type: none"> <li>Noxious weed control activities were completed.</li> <li>Performance Tracking and Compliance Monitoring was completed for all site planning areas.. Forms are attached to this annual report.</li> </ul>	<p>later than 10 years after LMP approval.</p> <p>Site Plans and implementation were prioritized into the following order:</p> <ol style="list-style-type: none"> <li>1) Grace-Cove (Complete with exceptions of the removal of some abandoned interior fences.)</li> <li>2) Oneida (Complete).</li> <li>3) Soda (Complete, with exception of remaining abandoned fence removal and vehicle access control in one location.)</li> <li>4) Grace Dam (Complete)</li> <li>5) Last Chance (Complete)</li> </ol>	<p>Take corrective actions as identified.</p> <ul style="list-style-type: none"> <li>Noxious weed control.</li> <li>Maintain Cove Buffer Shoreline fence on non-company lands, per Art 426 requirements.</li> <li>Finish removal of abandoned interior fences at Soda and Grace/Cove, 2012.</li> <li>Perform minor updates to the Oneida and Grace/Cove site plans for consistency with 2011 LMP updates.</li> <li>Address vehicle trespass issues at Soda.</li> <li>Address various minor issues noted in 2011 Compliance and Performance Tracking monitoring at each of the four planning areas.</li> </ul>
427	No new action	Expanded FERC Project Boundary	Required actions are complete.
Order Amending License and Revising Annual Charges – 62,205	No new action	Cove Decommissioning Order	Required actions are complete.

## **3.1 Work Completed in 2011**

### **3.1.1 Work Completed by License Article**

#### ***Implementation Plan and Annual Reporting (License Article 401)***

This 2011 Annual Report was prepared in consultation with the ECC to: 1) describe activities that PacifiCorp undertook or prepared pursuant to the requirements of the license during the year 2011; 2) describe anticipated activities that will be undertaken in the coming year pursuant to the requirements of the license; and 3) provide a report of all funding accounts, including funds spent, balance of accounts, and available remaining funds.

PacifiCorp's accomplishments in regard to licensing requirements are summarized in Table 3.1-1, and are discussed in more detail in the following sections of the report. Anticipated activities for 2012 are listed in section 3.2 and Appendix H. An accounting of funds is included in Section 4.0.

#### ***Environmental Coordination Committee (Article 402)***

The Environmental Coordination Committee (Table A-1) met eight times during the 2011 reporting period. In addition, the ECC conducted business by conference call three times during 2011 and made four consensus decisions via email. The meetings were facilitated by PacifiCorp's environmental coordinator, Mark Stenberg. A summary of the ECC's activities is provided in Section 2.0. ECC meetings are expected to continue approximately every other month in 2012, or more frequently as determined by the ECC and PacifiCorp's environmental coordinator.

#### ***Bonneville Cutthroat Trout Restoration Study Plan (Article 403)***

The Bonneville Cutthroat Trout Restoration Study Plan, prepared in consultation with the ECC, was completed in late 2004. It included study plans for genetic sample analysis, irrigation diversion/barrier mapping and aerial photography, telemetry studies, and broodstock development.

Thermal imaging of the Bear River was completed during 2007 and the images were archived at Utah State University's Water Lab, PacifiCorp's headquarters, and with IDFG and IDEQ. Work on the irrigation diversion/barrier mapping was discontinued by the ECC in 2006 when it was learned that similar information was available from another source. The funding for this study was subsequently transferred by ECC decision and applied to the thermal imaging effort. In 2007 a more intensive and limited area irrigation diversion mapping study was proposed by IDFG. The ECC approved funding for this effort from the Land and Water Acquisition fund under the rationale that the results will assist with project prioritization and funding decisions.

The genetics study was completed by IDFG during 2007. IDFG completed its final report on the Telemetry Study during 2009. Results of these studies were synthesized in a Comprehensive Bonneville Cutthroat Trout Restoration Plan prepared by PacifiCorp in consultation with the ECC during 2008.



*An adult Bonneville cutthroat trout collected as part of Idaho Department of Fish and Game's broodstock development program in the Bear River.*

A funding agreement for the disbursement of broodstock funds was drafted by PacifiCorp and IDFG during late 2008. IDFG has chosen to proceed initially with a broodstock program focusing on fish from the Thatcher reach, between Grace Dam and Oneida Reservoir, and will utilize the state's Grace Fish Hatchery near Grace, Idaho to rear broodstock. Disbursement of broodstock development funding for 2008 and 2009 was made upon completion of the funding agreement in early 2009. A final payment was made in 2010. Funding was used by IDFG to improve the spring source and water supply to the hatchery to better protect the broodstock from the potential for disease and cross contamination within the hatchery. A portion of the funds were used to support collected fish at Kent Clegg's spring-fed fish ponds in Grace, Idaho. In addition, IDFG produced 19,000 Bonneville cutthroat trout fingerlings at the Grace Hatchery during 2010 and retained 48 sets of 15 fish each for hatchery broodstock, ensuring genetic diversity of the conservation hatchery broodstock. On April 20, 2011, IDFG released the first

Bonneville cutthroat trout produced at the hatchery at the site of the Kackley Springs reroute project. ECC members were present for the event, which was covered by local media.



*Idaho Department of Fish and Game prepares to release the first Bonneville cutthroat trout produced as part of the broodstock development program at Kackley Springs, April 20, 2011.*

### ***Conservation Hatchery Plan (Article 404)***

The Conservation Hatchery Plan was completed in 2004 as part of the Implementation Plan. This plan describes the use of funding for the purpose of stocking native Bonneville cutthroat trout in the action area. Guidance for stocking Bonneville cutthroat trout was developed over the first seven years of the license as Bonneville cutthroat trout restoration studies were conducted and the Bonneville Cutthroat Trout Restoration Plan was developed. A draft Conservation Hatchery Agreement was prepared by IDFG during 2011 and the Conservation Hatchery Program commenced December 22, 2011. The first conservation hatchery payment will be made in 2012, once a final Broodstock Report is received from IDFG. Hatchery payments of \$100,000 will be made available each year through the end of the license term for implementation of this article, or acceptable alternative use.

### ***Habitat Restoration Plan (Article 405)***

The Habitat Restoration Plan was completed in 2004 as part of the Implementation Plan, and a FERC order approving the plan was issued on March 22, 2005. This plan describes the use of funding for actions that benefit and restore aquatic and riparian habitat for Bonneville cutthroat trout, as well as other fish and wildlife. Action items implemented by the Habitat Restoration Program are decided upon and prioritized by the ECC. These actions are scheduled and implemented by the ECC on an annual basis. Annual funding of \$167,000 (escalated annually) began on December 22, 2004 and will continue through the end of the license term.

In 2005, the ECC formed a subcommittee to develop proposal and application forms for individuals and organizations seeking funding from the ECC for habitat enhancement projects. The subcommittee also developed evaluation criteria for proposals. A schedule for solicitation of funding proposals was set, and the subcommittee meets yearly in the spring to review and rank projects. The ECC at large then votes on the subcommittee's recommendations for funding. PacifiCorp initiated monitoring for the habitat enhancement projects; the results for the 2011 monitoring effort are presented in Exhibit G.

Prior to the 2011 review period, flyers were distributed to ECC members, local USDA-Natural Resource Conservation Service offices, and previous applicants to announce habitat enhancement funding availability and to request proposals. Application materials were posted to PacifiCorp's website.

The ECC received 14 proposals for habitat enhancement funding during the 2011 review period. These proposals were reviewed and ranked by subcommittee members on March 16, 2011. The subcommittee's rankings and funding recommendations were presented to the ECC for approval on April 20, 2011. Six habitat enhancement projects totaling \$115,027 were approved for funding by the ECC at that meeting. An additional \$18,000 was set aside for potential maintenance/overruns. Three projects were approved by the ECC later in the year, two at the August meeting, a third at the October meeting. In addition, the ECC agreed by consensus to provide \$8,005 in habitat enhancement funding to Oasis to partially cover budget shortfalls to complete the firm's Black Canyon monitoring work, bringing the final total obligated for habitat enhancement grant funds in 2011 to \$171,482. Habitat enhancement projects approved by the ECC during 2011 are described below.

#### **Cub River Fish Ladder Improvements**

The ECC awarded \$25,000 to Trout Unlimited to construct rock weir step pools below the lower Cub River Canal diversion to improve fish access to the fish ladder entrance. The project, which complements a series of highly successful ECC-sponsored projects on the Cub River, is expected to improve fish passage for Bonneville cutthroat trout and mountain whitefish. In kind matches and additional funding for the approximately \$50,000 project were received from U.S. Fish and Wildlife Service, Trout Unlimited, and the Natural Resource Conservation Service. The weirs were in place by late 2011.

#### **Fox/North Hoops Creek**

A private landowner was awarded \$10,000 for an estimated \$22,000 project to install a fish screen on an irrigation diversion on his property on North Hoops Creek. The landowner agreed to furnish equipment to install the screen and to maintain the screen seasonally, while diverting water for irrigation purposes. The project, sponsored by U.S. Fish and Wildlife Service, is expected to prevent entrainment of Bonneville cutthroat trout into the irrigation diversion.

#### **Screen Tender 2011**

The ECC allocated \$12,000 to help fund an IDFG employee to monitor and maintain fish screens funded by the ECC. Funding was disbursed during 2011 and fish screens were monitored throughout the irrigation season.

#### **Bear River Tributary Sediment Removal**

The U.S. Geological Survey was awarded \$35,000 by the ECC for an approximately \$222,000 project to remove fine sediment from Bonneville cutthroat trout spawning and rearing habitat in three tributaries in the action area, to be selected in conjunction with the IDFG. Fine sediment will be removed using a sand wand system, similar to the efforts in the Kackley Spring system in 2010. The goal of the project is to help create multiple healthy tributary populations of Bonneville cutthroat trout that are genetically and demographically connected by migratory fish. This project was delayed until 2012 due to 100-year water events in the project area during 2011.

#### **Bonneville Cutthroat Trout 10-Year Return Monitoring**

The ECC awarded \$10,000 to the U.S. Forest Service to conduct return surveys of Bonneville cutthroat trout stronghold streams surveyed 10 years ago by the U.S. Forest Service. The resulting trend information is important for tracking the health of native trout populations. North and South Stauffer Creek; Coop, Pearl, North Pearl and Skinner creeks; Logan River; Cub River; and Maple, Birch, Foster and Dry creeks will be surveyed as part of this effort. Total cost of the project is estimated at \$45,000.

#### **Tingey/Trout Creek Corral Relocation, Phase I**

The ECC awarded \$23,027 to a private landowner to install 1,325 feet of fencing along Trout Creek to exclude livestock from the stream. A livestock watering system will also be installed. At the site of an old dairy, corrals and waste storage will also be removed along 150 feet of the stream and riparian vegetation will be planted to stabilize the stream banks. Both projects are expected to reduce sedimentation and nutrient loads in Trout Creek. This project will complement other ECC-funded projects in this watershed.

#### **Cottonwood Creek Fish Screen Design**

The ECC awarded \$15,000 to Trout Unlimited for design of two rotary-drum fish screens for the Davis and Treasureton irrigation diversions on upper Cottonwood Creek. The screens are expected to improve downstream passage for Bonneville cutthroat trout by eliminating canal entrainment. This project compliments other fish screening funded by the ECC on lower Cottonwood Creek and dovetails with IDFG's priorities for Bonneville cutthroat trout recovery in the Thatcher management unit of the Bear



River. Fabrication and installation of the screens, also sponsored by Trout Unlimited, is expected to follow in 2012.

#### **Laurie Harris Spring – Repairs to Alternate Water Source**

Laurie Harris Spring is the site of a 2007 ECC-sponsored project which protected and enhanced a heavily impacted spring, wetland and associated channel that becomes an unnamed tributary to the Bear River, providing a source of cool water to the river. The tributary may ultimately provide for the restoration of historic spawning habitat for Bonneville cutthroat trout in the action area. The project protected the channel primarily by fencing it off and providing an alternate water source for stock watering; however, the pump for the water source has been damaged and must be replaced. The ECC agreed to provide \$1,450 in funding for needed repairs and will meet with the landowner to discuss the project.



*A spring-fed tributary to the Bear River is protected by fencing installed as part of an ECC-funded habitat enhancement project on the Harris property.*

#### **Nichols/Whiskey Creek Project**

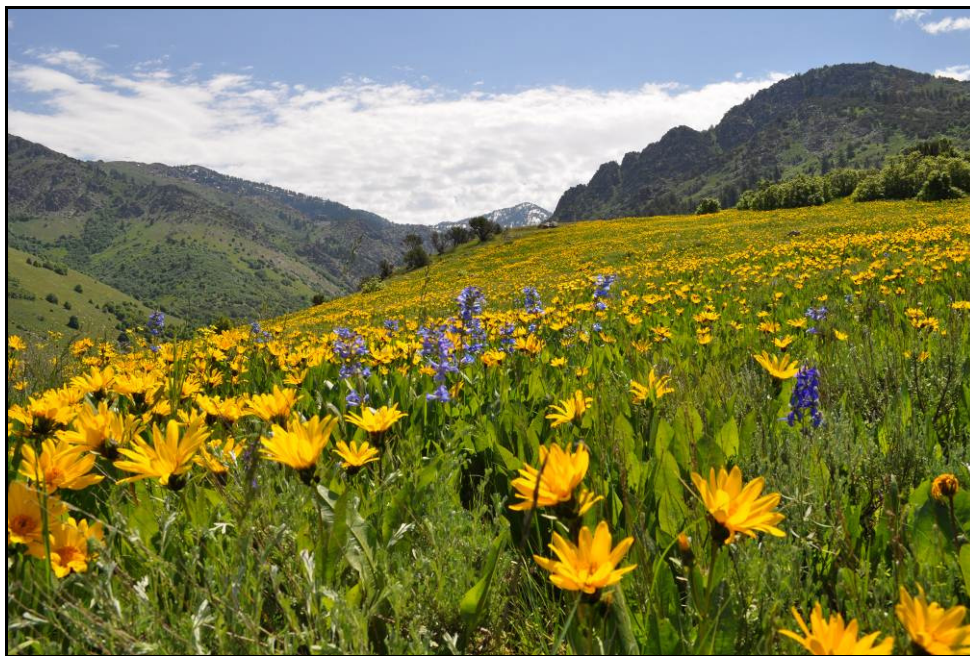
A private landowner was awarded \$14,000 to fund the removal of 400 feet of culvert on his property that holds flow from Whiskey Creek. The ECC has requested a revised project description prior to the release of funding and has asked project proponent Steven Smith of Idaho Soil and Water Conservation Commission to present plans for the project to the ECC in early 2012, so that the ECC can consult with the proponent on site reclamation plans.

The subcommittee is scheduled to review and rank new projects March 21, 2012 and will present recommendations to the ECC at its April 18, 2012 meeting.

#### ***Land and Water Acquisition Plan (Article 406)***

The Land and Water Acquisition Plan was completed in 2004 as part of the Implementation Plan and an order approving the plan was issued by FERC on March 22, 2005. This plan describes the funding provided to acquire available land and water rights in the action area. Actions pursuant to the Land and Water Acquisition Program are decided upon and prioritized by the ECC. Annual funding of \$300,000 (escalated annually) for this purpose began December 22, 2004 and will continue through the end of the license term.

In 2005, the ECC formed a subcommittee to develop proposal and application forms for individuals and organizations seeking funding from the ECC for land and water acquisition projects. The subcommittee also developed evaluation criteria for proposals. Due to the opportunistic nature of land and water acquisition fund projects, the ECC voted in 2007 to accept and evaluate such proposals year-round. They are approved by consensus agreement among ECC members at large.



*The 435-acre Deep Creek preserve, shown here during spring, was protected by the Bear River ECC through fee-title purchase in 2010 using land and water acquisition funds.*

In 2006 PacifiCorp entered into a Memorandum of Agreement with Sagebrush Steppe Regional Land Trust to acquire properties using the license-required Land and Water Conservation Fund. The 2006

memorandum describes the process for the trust to acquire properties once approved by the ECC. Table 3.1-2 summarizes the acres, type of acquisition, whether conservation easement or fee title, and length of river bank protected. To date, funds expended from the Land and Water Conservation Fund have protected approximately 1,000 acres.

Prior to the 2011 review period, flyers were distributed to ECC members, local USDA-Natural Resource Conservation Service offices, and previous applicants to announce land and water conservation funding availability and request proposals. Application materials were posted to PacifiCorp's website.

No new land and water conservation proposals were closed during 2011. A 1033-acre conservation easement that would protect portions of Mink Creek and adjacent upland habitat is planned to close in early 2012.

Table 3.1.2 Lands and Easements Acquired with the Land and Water Conservation Fund					
Parcel	Acreage	Waterbody	Date	Linear Feet of Riparian Protection*	
				Left Bank	Right Bank
Conservation Easements					
Cove Easement 1 Olsen	0.25	Bear River	2006	342	--
Cove Easement 2 Hansen	0.04	Bear River	2006	29	--
Cove Easement 3 McCurdy	0.68	Bear River	2006	758	--
Cove Easement 4 Olsen	0.24	Bear River	2006	343	--
Cove Easement 5 Harris	1.0	Bear River	2006	740	--
Henderson Preserve	210	Bear River	2008	4,406	4,114
Harris Preserve	116	Bear River	2009	2,899	--
Fee Title					
Kackley Preserve	157	Bear River	2006	1,964	3,402
		Kackley Creek	2006	2,661	2,790
Cove Preserve	2.3	Bear River	2006		772

<b>Table 3.1.2 Lands and Easements Acquired with the Land and Water Conservation Fund</b>					
<b>Parcel</b>	<b>Acreage</b>	<b>Waterbody</b>	<b>Date</b>	<b>Linear Feet of Riparian Protection*</b>	
				<b>Left Bank</b>	<b>Right Bank</b>
Deep Creek Preserve	435	Bear River	2010	1,767	1,812
<b>Conservation land purchase partially funded by the Bear River Hydroelectric Project Land and Water Conservation Fund and held by the Idaho Department of Fish and Game.</b>					
<b>Fee Title</b>					
McCammon Parcel	77.5	Bear River	2006	--	4,696
<i>* Left or right bank designations assume facing downstream.</i>					

In June 2011, the ECC approved an expenditure of \$25,000 from the Land and Water Conservation Fund for Sagebrush Steppe Land Trust staff support from June 2011 – June 2012.

#### ***Black Canyon Monitoring Plan (Article 407)***

The Black Canyon Monitoring Plan was completed and filed on December 23, 2004 with FERC, which in turn issued an order modifying and approving the plan on February 17, 2005. Based on comments received during a subsequent outside peer review of the plan, a revised Black Canyon Monitoring Plan was prepared and circulated to ECC members for approval, then filed with FERC on June 10, 2005. An order approving the plan was issued October 13, 2005.

In 2005, Oasis Environmental was selected to conduct the monitoring study in Black Canyon and the first round of monitoring took place in October of that year. The third year of monitoring was completed in October 2007 and marked the end of baseline studies in the Black Canyon. The sixth and final year of Black Canyon Monitoring was completed during 2010, and a final report on the six-year study of Black Canyon entitled, *“Effects of the Variable Flow Regime on the Ecology of the Black Canyon of the Bear River, Idaho”* was received by the ECC for review and comment April 12, 2011. ECC comments on the plan were addressed and the report was made final September 12, 2011. Activities under this license article are now complete.

#### ***Minimum Flow Requirements (Article 408)***

In compliance with section 3.2.1.1 of the Bear River Settlement Agreement, PacifiCorp’s environmental coordinator provided notification of annual maintenance activities and time frames to the ECC via email

on March 15, August 29 and 30, September 23, and October 4, 2011. PacifiCorp's annual maintenance schedule for 2012 was provided to the ECC before April 2012.

Minimum flow requirements were revised May 23, 2006, when FERC issued its Cove Decommissioning Order, amending Article 408:

The licensee shall maintain continuous minimum bypass flows from the project development as follows:

1. Below the Soda Dam: year-round minimum flow of 150 cfs, or inflow into the Soda reservoir, whichever is less;
2. Grace bypassed reach: a year-round minimum bypass flow of 63 cfs or inflow, whichever is less, in addition to 2 cfs leakage below the Grace Dam;
3. Oneida reach below the powerhouse: a year-round minimum flow of 250 cfs or inflow, whichever is less, in addition to 1 cfs leakage below Oneida Dam.

These minimum stream flow requirements will continue in accordance with procedures described in the Operations and Compliance Plan.

In 2011, PacifiCorp installed a low level release valve at Grace Dam to improve the measurement and delivery of the required minimum instream flow in the Black Canyon below Grace Dam.

#### ***Fish Stranding Minimization Plan (Article 409)***

The Fish Stranding Minimization Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004. An order modifying and approving the plan was issued by FERC on March 7, 2005. The plan describes measures and agency consultation to minimize potential fish stranding resulting from release of recreation flows from the Grace Development. The Fish Stranding Minimization Plan was to be implemented in 2008, upon commencing scheduled recreation boating releases into Black Canyon, or during other times when high flows result in spill from Grace Dam. However, in 2007, the ECC began working to develop a ramp rate/fish stranding study to measure the direct impacts of downramps after whitewater releases. In 2008, FERC granted PacifiCorp's request to suspend Article 409 until the fish stranding study was completed. The Boater Flow Ramp Rate Study was completed during 2010 and a final report was submitted to FERC. The need to implement, change or request removal of Article 409, based on study results, was discussed with the ECC during a series of meetings in 2011. Per the requirements in a June 2, 2011 FERC Order, PacifiCorp prepared a report on the ECC's decision making regarding boater flows and the suspension of Article 409. This report was submitted to FERC on January 31, 2012 and included a recommendation to continue suspension of Article 409. The report also included the ECC's decision to use a down ramp rate of 1 foot per hour following boater flows. An update on final ECC decisions on the Black Canyon Boater Program and ongoing studies will be provided to FERC within 45 days of the February 15, 2012 ECC meeting.

### ***Kackley Springs Plan (Article 410)***

The Kackley Springs Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004 and an order modifying and approving the Kackley Springs Plan was issued by FERC March 22, 2005. The Kackley Springs Plan was also discussed by the ECC as part of the Grace-Cove Site Plan. The Kackley Springs Plan proposes studies and monitoring to determine the effects of flow on Bonneville cutthroat trout and other aquatic resources. In 2006, the ECC awarded a habitat enhancement fund grant to a graduate student to investigate options to reconnect the Kackley Springs flow to the channel that crosses the Kackley Parcel. The ECC reviewed this report during 2008 and conducted a field review of the site during its July 2008 meeting. A conceptual plan was agreed to by the ECC to discontinue diversion of the spring directly into the Bear River and send the water down a longer route that can potentially be used by native fish for spawning. Habitat enhancement funding was approved for the project during 2009 (see Article 405, above) and the Kackley Springs Reroute Project was completed later that year. Noxious weed control took place and additional shrubs were planted during 2009 and 2010. This article is now complete; however, the ECC will consider a project to raise the elevation in the main pond during the 2012 grant fund cycle. Future land management activities around the springs will be conducted in accordance with the Grace/Cove Site Plan.

### ***Dam Leakage Minimization Plan (Article 411)***

The Dam Leakage Minimization Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004 and approved December 13, 2004. This plan describes steps to measure leakage from Grace and Oneida dams. The measurement protocol was developed in consultation with the ECC, and dam leakage measurements were taken in October 2004. An order amending Article 408 (Minimum Flow Requirements) was issued by FERC on December 2, 2005 and included dam leakage in minimum flow requirements. No further action was needed regarding the Dam Leakage Minimization Plan during 2011.

### ***Ramp Rate Requirements (Article 412)***

The schedule for implementing new ramp rates, as measured downstream of the Soda and Oneida developments, was modified in the Implementation Plan approved by FERC December 13, 2004. New ramp rate requirements were implemented December 22, 2004. Ramp rates will continue in accordance with procedures described in the Operations and Compliance Plan filed with FERC December 22, 2004. Two deviations from minimum stream flow requirements below the Oneida Power House occurred during 2011. FERC was provided notice of these events on February 28 and December 28, 2011. Both were caused by equipment malfunctions. Neither of these events was determined by FERC to be a deviation from license requirements. Notification of annual maintenance activities and timeframes were given to the ECC by the environmental coordinator via email as reported for Article 408.

As described in the Settlement Agreement, Black Canyon ramp rates have been determined with the ECC, in consultation with PacifiCorp. Discussions regarding ramp rates began in April 2006, and continued through the end of 2007. During 2007, the ECC developed and reached consensus on a study plan to evaluate fish stranding in the Black Canyon following boater flow events, and in 2008 launched a three-year study to evaluate the effect of whitewater boating flow ramping rates on native fish. The third and final year of the study was completed during 2010 and the final report on the Black Canyon Boater Program Ramp Rate Study was submitted to FERC. This information was used by the ECC—along with Black Canyon Monitoring Study results and the final Boater Flow Water Quality Report—to help determine ramp rates and the future structure of the boater program. In 2011, the ECC determined that a 1 foot per hour ramp rate will be used for boater flows.

#### ***Water Quality Monitoring Plans (Article 413)***

The 2007 Water Quality Monitoring Report for the Grace-Cove Development was submitted to IDEQ in January 2008. IDEQ then verbally informed PacifiCorp that water quality monitoring at Grace-Cove could be discontinued, two years before scheduled, as they found no indication of project contribution to exceedances of water quality criteria. A formal letter was received from IDEQ during 2009, signing off on Grace-Cove Water Quality Monitoring and the Oneida Water Quality Study.

A final Oneida Water Quality Monitoring Report was submitted to the IDEQ on April 6, 2007. The collection of data for this 18-month study was completed in October of 2005. During 2008, discussions were held between PacifiCorp and IDEQ concerning the ability to determine project contributions to exceedances of water quality at the Oneida Project based on the results of the study. In 2009, agreement was reached with IDEQ that the Oneida Project does not significantly cause or contribute to exceedances of water quality standards.

During 2008, IDEQ requested water quality monitoring during boater flows in the Black Canyon. A study plan was developed by PacifiCorp and the IDEQ. This study plan was used during the 2008, 2009, and 2010 whitewater releases. 2010 Boater Flow water quality measurements were included in a final report with 2008 and 2009 results. This final Boater Flow Water Quality Report was submitted to FERC. During 2011, the ECC discussed exceedances of state water quality criteria during boater flow events during a series of meetings held to address boater flows. The Idaho Department of Environmental Quality will continue to collect water quality monitoring data during boater flow events in 2012, 2013 and 2014 to inform potential future management decisions.

#### ***Operations and Compliance Plan (Article 415)***

PacifiCorp prepared a draft Operations and Compliance Plan and provided copies to the ECC and US Geological Survey (USGS) for review November 4, 2004. After a 30-day review period, the plan was finalized and filed with FERC on December 22, 2004. An order from FERC approving the Operations and Compliance Plan was issued April 7, 2005. Subsequently, based on operational issues identified during

2005, PacifiCorp suggested revisions to the plan regarding how minimum flows are measured during low-flow periods. These revisions were presented to the ECC for comment initially in November of 2005, and discussions continued through 2006. In 2007, a modification to the Operations and Compliance Plan regarding publishing of streamflow gage data by the USGS was presented to and accepted by the ECC. During 2008, the compliance point for Black Canyon minimum stream flow measurement was changed from the USGS gage below the Grace Dam to the reservoir elevation gage, a reservoir deadband, and calculated gate opening. An updated Operations and Compliance Plan, which includes updates on new stream flow gaging equipment, the change in compliance point at Grace Dam, operations directions for transition from minimum stream flow at Grace Dam to inflow, and publication of USGS stream flow data, will be submitted to FERC in 2012.

#### ***Recreation and Traffic Safety Plan (Articles 416/417)***

The Recreation and Traffic Safety Plan was submitted to FERC on January 31, 2005. An order approving the plan was issued October 11, 2005.

During 2011, annual funding was provided to Caribou County for park maintenance, to Franklin County for law enforcement, and to BLM for Oneida campground maintenance. Annual dust abatement applications were made around the campgrounds and day-use area in Oneida Canyon.

#### ***Boating Flow Release Plan (Article 418)***

The Boating Flow Release Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004. An order modifying and approving the Flow Release Plan was issued August 11, 2005. This plan describes measures to release whitewater boating flows from the Grace Dam for the purpose of whitewater recreation. During 2007, plans to install slide gates to facilitate whitewater releases were completed and submitted to FERC. In 2008, Grace Dam was modified by the installation of the spill gates, which are used to facilitate whitewater releases. A schedule of 2011 whitewater boating flows was prepared as required and submitted to the ECC and FERC.

#### ***Boating Flow Release Schedule (Article 419)***

The ECC developed a Black Canyon Monitoring Plan (Article 407) in preparation for studies to document the effect to aquatic resources of flow releases for whitewater flows in the Black Canyon. In addition, in 2007 the ECC developed a ramp rate study plan to study three ramp rates over three years and use this information, along with the Black Canyon Monitoring Study, to make future decisions concerning ramp rates and whitewater boater program structure. Opportunistic releases under spill conditions and scheduled releases under normal flow conditions occurred during Years 2-7 of the new project license (2005-2010). Scheduled releases began in spring 2008 in accordance with a schedule developed in consultation with American Whitewater and the ECC. During 2011, the license-defined, inflow-dependent release program was used with a ramp rate of one-half foot per hour.





*A kayaker navigates whitewater boater flows released from Grace Dam into the Black Canyon of the Bear River during the 2011 boater season.*

During fall of 2011, a series of three ECC work sessions were held to discuss study results, ramp rate water quality, and the timing and schedule of future boater flows. A report of these discussions was submitted to the FERC on January 31, 2012. According to the terms of the Agreement for Boater Flows in the Black Canyon: Extended Study Period and Adaptive Management developed at these meetings, during the extended study period (2012 – 2014), four weekends of scheduled boater flows will be released between April 1 and June 5. A down ramp rate of 1 foot per hour will be used. The Article 409 Fish Stranding Minimization Plan will remain suspended.

#### ***Oneida Operations Regime (Article 420)***

The Oneida Operations Regime was completed as part of the Implementation Plan filed with FERC May 28, 2004. An order approving the operational regime was issued August 17, 2005. This plan describes the operational regime designed to minimize the frequency of river level fluctuations below the Oneida powerhouse. Under this plan, when water is available, flows below the Oneida powerhouse will be greater than 900 cfs between Memorial Day and Labor Day, as described in the Operations and Compliance Plan filed with FERC December 22, 2004. During 2011, flows were provided in relation to required irrigation releases. During much of the normal irrigation season, irrigation demand resulted in boatable flows (generally above 600 cfs) in the Oneida Narrows reach. The Oneida Development Water Year 2011 Operations Report was filed with IDEQ and is being submitted to FERC with this annual report.

### ***Boating Flow Forecasting Plan (Article 421)***

The Boating Flow Forecasting Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004. An order modifying and approving Flow Forecasting Plan was issued August 17, 2005. This plan describes measures to forecast and announce whitewater boating flows for each year beginning in 2008. Under this plan, PacifiCorp—in consultation with American Whitewater and the ECC—will publish on a website a schedule of recreation releases into Black Canyon, if water is available, for up to 96 hours of recreational flows between April and July each year beginning in 2008.

A boater flow schedule was developed as required in 2011 in consultation with American Whitewater after PacifiCorp provided the 2011 water year forecast. The schedule was provided to the ECC for review and submitted to FERC. Flows were forecast on the PacifiCorp website and information was provided on the Flow Phone. As a result of the high flow conditions, 16 boater flows were provided in 2011.

The terms of the ECC's Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management will be implemented during 2012 – 2014. The agreement requires four weekends of scheduled flows between April 1 and June 5, a ramp rate of 1 foot per hour, and continued suspension of Article 409. PacifiCorp will provide the flow forecast, develop a schedule with American Whitewater and post the schedule on the Bear River website and Flow Phone. The schedule will be provided to the ECC for review and submitted to the FERC.

### ***Website and Flow Phone Report (Article 422)***

PacifiCorp's existing Flow Phone was updated and a Bear River Implementation website (<http://www.pacificorp.com/es/hydro/hl/br.html#>) was created in 2004. This website and toll-free number (1-800-547-1501) was reported to FERC in a December 30, 2004 letter. FERC issued a letter approving the website and Flow Phone on January 14, 2005. In addition to river flow information, the website provides ECC meeting notes, reports, and other documents related to implementation of the license. The website and Flow Phone were maintained during 2011.

### ***Historic Properties Management Plan (Article 423)***

The Historic Properties Management Plan (HPMP) was completed in early 2005 and filed with FERC on March 29, 2005. This HPMP was then withdrawn to allow the preparation of a revised plan for submittal to the Idaho State Historic Preservation Office. The revised plan was intended to address the SHPO's comments on the previous draft. Additional comments were received from the SHPO in 2007 and a revised HPMP was submitted to FERC in July 2007. During 2008, FERC issued an order accepting the HPMP and directing PacifiCorp to begin implementation. PacifiCorp prepared and presented cultural resource training to all Bear River operations staff in 2009, 2010 and 2011. Interpretive panel artwork that was finalized during 2011 will be manufactured and installed in 2012. PacifiCorp will continue to work with the tribes on Native American interpretive signs. The annual report on HPMP activities will be submitted to FERC prior to the January 22, 2012 deadline.

***Land Management Plan (Article 424), which includes Shoreline Buffer Zone Plan (Article 425), and Cove Bypass Reach Fencing Plan (Article 426)***

The Land Management Plan (LMP) was filed with FERC January 31, 2005. Included in the LMP are the Shoreline Buffer Zone Plan and the Cove Fencing Plan. The LMP has specific detail regarding implementation of new land management procedures in five site plans. These site plans were to be completed (written) within 5 years after the LMP is approved, and were prioritized as follows: Grace-Cove, Oneida, Soda, Grace Dam, and Last Chance. During 2008, the ECC agreed to incorporate the Grace Dam and Last Chance site plans into one document, reducing the number of site plans to four. Implementation of the site plans must be completed by 10 years after the LMP is approved.

The first site plan, for the Grace-Cove area, was completed and reviewed by the ECC in 2005. Most of the implementation scheduled in the Grace-Cove Site Plan was completed in 2005 and 2006, the remainder was finished in 2007—including revised leases, final edits to monitoring forms, and revisions based on Cove decommissioning. Some remaining cross fencing that is no longer needed in the Grace-Cove site plan area will be removed in 2012. The Oneida Site Plan was drafted and reviewed by the ECC in 2006. The plan was finalized in 2007, but revisions were made during 2008. Implementation actions for Oneida were completed in 2007 and 2008 including installation of cattle exclusion fencing and boundary markers along property lines not fenced. Remaining interior cross fencing was removed in Oneida Canyon during 2011. The Soda Site Plan was completed and reviewed by the ECC during 2008 and implementation actions were substantially completed during 2008, including installation of boundary markers and cattle exclusion fencing, marking of expanded reservoir buffer areas, and seeding of approximately 130 acres with native grass in new reservoir buffer areas. Agricultural leases were modified to prohibit grazing and to allow for the reduction in areas set aside for reservoir buffers. The Soda Site Plan was finalized in 2009. Most of the interior abandoned cross fencing was removed in 2011 from the Soda site plan area. Some remaining cross fencing will be removed in 2012. The Grace Dam and Last Chance Site Plan was finalized during 2010. Implementation actions completed at Grace Dam and Last Chance include installation of property boundary markers and cattle exclusion fencing where needed. An agricultural field adjacent to the Grace Forebay and former cattle feeding areas at Grace Forebay and Last Chance were seeded with native grass, abandoned interior fences were removed from the Grace and Last Chance properties, and two cattleguards were installed on the dirt road at Last Chance to exclude cattle from the river. Noxious weed control activities were performed in 2011 as required in the site plans. The Cove Buffer shoreline fence was monitored as required during 2011. Monitoring forms are included in Appendix C of this report. Maintenance needs were noted and will be completed during 2012. Monitoring reports for Grace-Cove, Oneida, Soda, and Grace Dam and Last Chance site plans are included in Appendix B, D, E and F of this report, respectively. Work planned for 2012 includes removing remaining abandoned interior fences at Alexander and Grace/Cove, minor updating of the Oneida and Grace/Cove site plans for consistency with the revised 2011 LMP, addressing vehicular trespass issues at Soda, and addressing minor issues noted during the Compliance and Performance Tracking monitoring.

As referenced above, a minor update of the LMP was completed in consultation with the ECC in 2011, as allowed in the original 2005 LMP, Section 2.4. This update was made necessary by the decommissioning of the Cove Project in 2006, completion of the site plans in 2010, and installation of measures to protect lands within the FERC boundary being placed at the outer PacifiCorp property boundaries, collectively. A copy of the revised 2011 LMP is being submitted to the FERC with this annual report.

### ***Expanded FERC Project Boundary (Article 427)***

Planning for the expanded FERC project boundary was included in the preparation of the Land Management Plan and the Recreation and Traffic Safety Plan. A modified schedule for completion of the survey and preparation of a new Exhibit G was included in the Implementation Plan. New and Revised Exhibit G drawings were filed with FERC August 17, 2005 under Article 202 and 427. An order approving revised Exhibit G Drawings and revising federal acreage was issued October 13, 2005. No action was taken in regard to the Expanded FERC Project Boundary during 2011, although future actions may be necessary based on the 2011 updated LMP.

### **3.1.2 Work Completed for Cove Decommissioning Site (Order Amending License and Revising Annual Charges [62,205])**

The FERC issued the Cove Decommissioning Order May 23, 2006, and the development, including Cove Dam and the mile-long flume, was removed in the summer of 2006. After removal of the structures, work to stabilize and reclaim the area was completed in late fall of 2006, and 2009 was the final year of monitoring required by the US Army Corps of Engineers permit. All required actions are complete.

## **3.2 Work Anticipated in 2012**

This section outlines work anticipated for license implementation and compliance during 2012. As noted in section 3.0, an implementation schedule for 2012 is included in Appendix H of this report. The 2012 implementation schedule updates and replaces the implementation schedule filed with the Implementation Plan in 2004, and the schedule included in the 2010 annual report.

- File 2011 Annual Report, including the 2011 Revised Land Management and Buffer Zone Plans and the Oneida Development Water Year 2011 Operations Report.
- Continue collaboration with stakeholders through ECC meetings held every other month (or more frequently, as needed).
- Make first conservation hatchery payment to IDFG.
- Continue the Habitat Enhancement Program - Subcommittee to evaluate projects in March 2012 and present recommendations to the ECC for approval in April 2012. Continue to monitor habitat enhancement projects (per Appendix G).

- Continue the Land and Water Acquisition Program – Subcommittee to evaluate projects in March 2012 and as they are presented during the remainder of the year.
- Continue to document required minimum flows.
- Provide PacifiCorp's annual maintenance schedule to the ECC before April 2012, consult with ECC in emergencies, as practical.
- Submit a final report of boater flow discussions to FERC that includes an ECC recommendation to use a down ramp rate of 1 foot per hour following boater flows.
- Finalize the Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management. Provide an update to FERC of final ECC decisions within 45 days. Once approved, implement the Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management. This will require four weekends of flows between April 1 and June 5, a 1 foot per hour down ramp rate, and continued suspension of Article 409. PacifiCorp will provide the flow forecast, develop a schedule with American Whitewater, and post the schedule on the Bear River website and Flow Phone. IDEQ will continue to collect water quality monitoring data during boater flow events in 2012 through 2014 to inform potential future management decisions. IDFG will implement a fisheries study plan during the 2012 to 2014 timeframe.
- Document proposed changes to the Operations and Compliance Plan and file with FERC after ECC review.
- Make annual payments to Caribou County, BLM, and Franklin County Sheriff; implement dust abatement measures on Oneida Road; and maintain signs and recreation sites.
- Submit 2012 whitewater boater flow schedule to FERC.
- Submit annual Oneida Operations Report to IDEQ.
- Maintain website and Flow Phone.
- Continue to follow the Historic Preservation Management Plan (HPMP) guidance. Continue to work with Tribes on Native American interpretive signs. Submit annual report on HPMP activities in January 2012.
- Submit 2011 Revised Land Management and Buffer Zone Plans to FERC. Update Oneida and Grace/Cove site plans for consistency with the updated LMP.

- Continue monitoring as required for the Grace-Cove, Oneida, Soda, and Grace Dam and Last Chance site plans. Take corrective actions as needed.
- Control noxious weeds.
- Conduct ongoing maintenance of fences, gates, and boundaries in all site plan areas.
- Maintain Cove buffer shoreline fence, per Art. 426
- Finish removal of abandoned interior fences at Soda and Grace/Cove.
- Address vehicle trespass issues at Soda and other minor compliance issues noted during 2011 monitoring efforts.

## 4.0 Funding

This section presents an accounting to the end of calendar year 2011 of the funding obligations for Bear River Settlement Agreement and new license. Funding obligations noted as complete in previous annual reports are not included.

PacifiCorp Bear River Implementation Projects Black Canyon Monitoring SA 3.1.6 315930					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2005 Beginning Balance			\$36,314.00		
<b>2005 Study Year</b>					
12/15/2005	\$15,551.25	Oasis Environmental		\$20,762.75	
2005 Interest Credit			\$280.00	\$21,042.75	
2006 Funding			\$37,668.00	\$58,710.75	
2/23/2006	\$3,648.75	Oasis Environmental		\$55,062.00	
2/23/2006	\$4,725.00	Oasis Environmental		\$50,337.00	
	<b>\$23,925.00</b>				<b>2005 Study Year Total</b>
<b>2006 Study Year</b>					
2/25/2006	\$6,680.00	Oasis Environmental		\$43,657.00	
3/24/2006	\$4,143.50	Oasis Environmental		\$39,513.50	
6/7/2006	\$4,208.70	Oasis Environmental		\$35,304.80	ECC Present.
8/23/2006	\$7,980.00	Oasis Environmental		\$27,324.80	
2006 Interest Credit			\$665.00	\$27,989.80	
2007 Funding			\$38,971.00	\$66,960.80	
1/31/2007	\$11,871.50	Oasis Environmental		\$55,089.30	
2/6/2007	\$575.00	Oasis Environmental		\$54,514.30	
	<b>\$35,458.70</b>				<b>2006 Study Year Total</b>
<b>2007 Study Year</b>					
3/30/2007	\$12,326.25	Oasis Environmental		\$42,188.05	
4/26/2007	\$3,290.05	Oasis Environmental		\$38,898.00	
4/26/2007	\$10,799.94	Oasis Environmental		\$28,098.06	
6/20/2007	\$3,457.00	Oasis Environmental		\$24,641.06	ECC Present.*
7/20/2007	\$1,423.76	Oasis Environmental		\$23,217.30	Charged to BRI-RMP

PacifiCorp Bear River Implementation Projects Black Canyon Monitoring SA 3.1.6 315930					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
8/23/2007	\$850.00	Oasis Environmental		\$22,367.30	ECC Present.
10/31/2007	\$427.48	Oasis Environmental		\$21,939.82	
11/30/2007	\$7,282.52	Oasis Environmental		\$14,657.30	
	<b>\$39,857.00</b>				<b>2007 Study Year Total</b>
2007 Interest Credit			\$351.00	\$15,008.30	
2008 Funding			\$41,114.00	\$56,122.30	
<b>2008 Study Year</b>					
2/29/2008	\$10,796.64	Oasis Environmental		\$45,325.66	
4/17/2008	\$11,596.64	Oasis Environmental		\$33,729.02	
4/30/2008	\$1,058.40	Oasis Environmental		\$32,670.62	
6/28/2008	\$1,770.00	Oasis Environmental		\$30,900.62	
6/28/2008	\$9,215.14	Oasis Environmental		\$21,685.48	
7/31/2008	\$3,298.42	Oasis Environmental		\$18,387.06	
10/16/2008	\$1,264.76	Oasis Environmental		\$17,122.30	
11/17/2008	\$634.04	Oasis Environmental		\$16,488.26	
2008 Interest Credit			\$211.00	\$16,699.26	
2009 Funding			\$41,193.00	\$57,892.26	
1/2/2009	\$6,782.14	Oasis Environmental		\$51,110.12	
	<b>\$46,416.18</b>				<b>2008 Study Year Total</b>
<b>2009 Study Year</b>					
5/1/2009	\$12,980.00	Oasis Environmental		\$38,130.12	
6/10/2009	\$8,670.88	Oasis Environmental		\$29,459.24	
8/10/2009	\$7,613.38	Oasis Environmental		\$21,845.86	
11/5/2009	\$1,726.04	Oasis Environmental		\$20,119.82	
11/23/2009	\$5,901.07	Oasis Environmental		\$14,218.75	
	<b>\$36,891.37</b>				<b>2009 Study Year Total</b>
2009 Interest Credit			\$18.00	\$14,236.75	
2010 Funding			\$41,443.95	\$55,680.70	
<b>2010 Study Year</b>					
3/5/2010	\$6,793.88	Oasis Environmental		\$488,886.82	
4/21/2010	\$16,136.63	Oasis Environmental		\$32,750.19	
5/26/2010	\$778.50	Oasis Environmental		\$31,971.69	
6/22/2010	\$307.13	Oasis Environmental		\$31,664.56	
8/4/2010	\$2,733.00	Oasis Environmental		\$28,931.56	
9/13/2010	\$865.75	Oasis Environmental		\$28,065.81	
10/14/2010	\$344.16	PC Training Center		\$27,721.65	



PacifiCorp Bear River Implementation Projects Black Canyon Monitoring SA 3.1.6 315930					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
		Cleaning			
11/5/2010	\$522.63	Oasis Environmental		\$27,199.02	
11/9/2010	\$260.00	Oasis Environmental		\$26,939.02	
11/29/2010	\$8,648.75	Oasis Environmental		\$18,290.27	
	<b>\$37,390.43</b>				<b>2010 Study Year Total</b>
2010 Interest Credit			\$1.00	\$18,291.27	
<b>2011 Final Report</b>					
1/27/2011	\$8806.00	Oasis Environmental		9,484.84	
3/2/2011	\$166.38	Oasis Environmental		9,318.46	
4/22/2011	\$9,322.19	Oasis Environmental		-3.73	
				<b>CLOSED</b>	
<b>NOTE: ADDITIONAL FUNDING WAS APPROVED BY THE ECC IN 2011.</b>					
The following amount was paid from the Habitat Enhancement account during 2011:					
4/22/2011	\$8005.00	Oasis Environmental			
	<b>\$26,300.00</b>				<b>2011 Study Year Total</b>

PacifiCorp Bear River Implementation Projects Oneida Campground Funding SA 3.4.1.1 BRI-ONEIDA					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2004 Beginning Balance			\$10,170.00		
12/8/2004	\$10,000.00	BLM		\$170.00	
2004 Interest Credit			\$1.00	\$171.00	
2005 Funding			\$10,375.00	\$10,546.00	
12/20/2005	\$10,000.00	BLM		\$546.00	
2005 Interest Credit			\$7.00	\$553.00	
2006 Funding			\$10,762.00	\$11,315.00	
11/30/2006	\$11,318.00	BLM		-\$3.00	
2007 Funding			\$11,135.00	\$11,132.00	
5/30/2007	\$11,132.00	BLM		\$0.00	
2008 Funding			\$11,460.46	\$11,460.46	
6/21/08	\$11,460.46	BLM		\$0.00	
2009 Funding			\$11,746.97	\$11,746.97	
5/7/2009	\$11,746.97	BLM		\$0.00	
2010 Funding			\$11,841.13	\$11,841.13	
9/29/2010	\$11,841.13	BLM		\$0.00	
2011 Funding			\$11,977.25	\$0.00	
7/1/2011	\$11,977.25	BLM		\$0.00	

PacifiCorp Bear River Implementation Projects Oneida Law Enforcement SA 3.4.1.4 BRI-LAWENF					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2004 Beginning Balance			\$3,051.00		
2004 Interest Credit			\$13.00	\$3,064.00	
2005 Funding			\$3,113.00	\$6,177.00	
2/15/2005	\$3,000.00	Franklin County		\$3,177.00	2004 payment
2005 Interest Credit			\$43.00	\$3,220.00	
2006 Funding			\$3,229.00	\$6,449.00	
7/31/2006	\$6,393.00	Franklin County		\$56.00	2005 & 2006 payments
2006 Interest Credit			\$1.36	\$57.36	
2007 Funding			\$3,340.00	\$3,397.36	
5/8/2007	\$3,397.36	Franklin County		\$0.00	
2008 Funding			\$3,438.14	\$3,438.14	
8/25/2008	\$3,438.14	Franklin County		\$0.00	
2009 Funding			\$3,530.82	\$3,530.82	
10/1/2009	\$3,530.82	Franklin County		\$0.00	
2010 Funding			\$3,552.34	\$3,552.34	
9/30/2010	\$3,552.34	Franklin County		\$0.00	
2011 Funding			\$3,593.17	\$0.00	
8/16/2011	\$3,593.17	Franklin County		\$0.00	

PacifiCorp Bear River Implementation Projects Caribou County Recreation 3.4.2 315936					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2004 Beginning Balance			\$3,051.00		
12/8/2004	\$3,000.00	Caribou County		\$51.00	
2004 Interest Credit			\$0.22	\$51.22	
2005 Funding			\$3,113.00	\$3,164.22	
2005 Interest Credit			\$42.70	\$3,206.92	
2006 Funding			\$3,229.00	\$6,435.92	
7/24/2006	\$6,393.00	Caribou County		\$42.92	2005 and 2006 funding + int. and esc.
2006 Interest Credit			\$1.00	\$43.92	
2007 Funding			\$3,340.00	\$3,383.92	
5/23/2007	\$3,383.92	Caribou County		\$0.00	
2008 Funding			\$3,438.14	\$3,438.14	
9/10/2008	\$3,438.14	Caribou County		\$0.00	
2009 Funding			\$3,530.82	\$3,530.82	
10/23/2009	\$3,530.82	Caribou County		\$0.00	
2010 Funding			\$3,552.34	\$3,552.34	
12/23/2010	\$3,552.34	Caribou County		\$0.00	
2011 Funding			\$3,593.77	\$0.00	
7/1/2011	\$3,593.77	Caribou County		\$0.00	

PacifiCorp Bear River Implementation Projects Conservation Hatchery Program SA 3.1.3 315924					
	Invoice Amount				
Posting Date	(Debit)	Contract	Credits	Balance	Notes
Dec 22, 2011			\$100,000.00	(To be escalated in funding year)	
2012 Funding			\$119,772.47	\$119,772.47	

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
Jan 2005 Beginning Balance			\$173,271.00		
9/12/2005	\$46,000.00	Bear Lake Soil		\$127,271.00	2005 Alleman Feed Lot
11/22/2005	\$1,986.20	McGregor		\$125,284.80	2005 McGregor Fence
	<b>\$47,986.20</b>				<b>2005 Billing Total</b>
2005 Interest Credit			\$1,691.00	\$126,975.80	
2006 Funding			\$179,732.00	\$306,707.80	
1/17/2006	\$9,999.00	Geoengineers		\$296,708.80	2005 Cottonwood & Cub Creeks
3/30/2006	\$90,001.00	Trout Unlimited		\$206,707.80	2005 Cottonwood & Cub Creeks
9/11/2006	\$10,000.00	Utah State		\$196,707.80	2006 Kackley Springs
11/1/2006	\$47,000.00	Trout Unlimited		\$149,707.80	2006 Cub River Phase II
11/1/2006	\$12,000.00	Trout Unlimited		\$137,707.80	2006 Ovid Irrigation Diversion
11/17/2006	\$3,088.71	Vadnais Fencing		\$134,619.09	2004 Cove Bypass Reach Fencing
12/31/2006	\$2,810.80	Vadnais Fencing		\$131,808.29	2005 Cove Bypass Reach Fencing
12/13/2006	\$3,787.79	Vadnais Fencing		\$128,020.50	2006 Cove Bypass Reach Fencing
12/14/2006	\$16,000.00	South Liberty Irrig. & Manuf.		\$112,020.50	2006 Liberty Creek Diversion Screens & Weir
	<b>\$194,687.30</b>				<b>2006 Billing Total</b>
2006 Interest Credit			\$2,728.00	\$114,748.50	
2007 Funding			\$185,950.00	\$300,698.50	
1/5/2007	\$523.11	Purchase card		\$300,175.39	2006 Cove Bypass Fencing
2/1/2007	\$30,000.00	USDI-BOR		\$270,175.39	2006 Alleman Lower Diversion on Skinner Cr. paid in full
2/8/2007	\$25,000.00	Bear Lake County Road		\$245,175.39	2006 Nounan Rd. Crossing on Skinner Cr. paid in full
6/29/2007	\$24,000	Trout Unlimited		\$221,175.39	2007 Georgetown Hydro USFS paid in full
8/9/2007	\$6,275.40	Vadnais		\$214,899.99	2006 Harris Spring Complex
8/23/2007	\$1,041.77	Vadnais		\$213,858.22	2006 Harris Spring Complex
8/29/2007	\$7,997.63	KCA		\$205,860.59	2007 Harris Spring Complex
10/4/2007	\$664.00	D. Bolin		\$205,196.59	2007 Trout & Whiskey Cr. Plan

Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
10/4/2007	\$21,000.00	Caribou-Targhee		\$184,196.59	2007 Eight Mile, North Canyon, Midland – paid in full
10/17/2007	\$25,000.00	Bear Lake Soil and Water		\$159,196.59	2007 Bunderson – paid in full
12/19/2007	\$2005.50	Electrical Consultants		\$157,191.09	2006 Cove Bypass Reach Fencing
12/19/2007	\$226.79	D. Bolin		\$156,964.30	2007 Trout & Whiskey Cr Vegetation Plan
	<b>\$143,734.20</b>				<b>2007 Billing Total</b>
2007 Interest Credit			\$3,763.00	\$160,727.30	
2008 Funding			\$191,390.00	\$352,117.30	
1/4/2008	\$190.95	Dr. Fosters		\$351,926.35	2007 Clegg Fish Feeding Timers
2/20/2008	\$16,000.00	Kent Clegg		\$335,926.35	2007 Whiskey and Trout Creek
10/29/2008	\$20,000.00	Laef Wallen		\$315,926.35	Laef Wallen
11/13/2008	\$40,000.00	Blaire Mathews		\$275,926.35	2007 BR Mathews Ranch LLC
11/24/2008	\$25,000.00	Caribou County		\$250,926.35	2008 Creek Rd Culvert Bailey Cr.
12/18/2008	\$21,845.00	Laurie Harris		\$229,081.35	2007 Harris Spring Complex
	<b>\$123,035.95</b>				<b>2008 Billing Total</b>
2008 Interest Credit			\$2,932.00	\$232,013.35	
2009 Funding			\$196,548.76	\$428,562.11	
1/9/2009	\$10,824.50	John Bushman		\$417,737.61	2008 Stauffer Creek
1/22/2009		From Broodstock Fund	\$6,267.41	\$424,005.02	From Broodstock To Habitat
5/20/2009	\$3,239.85	John Bushman		\$420,765.17	2008 Stauffer Creek Bushman
5/21/2009	\$2,495.00	John Bushman		\$418,270.17	2008 Stauffer Creek Bushman
6/4/2009	\$24,000.00	Kent Clegg		\$394,270.17	2007 Whiskey and Trout Creek
7/7/2009	\$6,890.00	Conservation Seeding and		\$387,380.17	2009 Alexander Shrub Planting
7/17/2009	\$85,000.00	Trout Unlimited		\$302,380.17	2008 Cub River Irrigation Upper
7/20/2009	\$7,500.00	Dan Keetch		\$294,880.17	2009 Dan Keetch Pump Screen
8/28/2009	\$46,000.00	Franklin Soil & Water Cons.		\$248,880.17	2009 Battle and Mink Creek 6
9/1/2009	\$24,128.60	John Bushman		\$224,751.57	2009 Stauffer Creek
10/1/2009	\$464.39	Providia		\$224,287.18	2007 Harris Spring complex old
10/5/2009	\$515.70	Granite Seed		\$223,771.48	2009 Kackley Springs - Native
10/14/2009	\$2,527.50	KCA		\$221,243.98	2009 Kackley Springs - Upper
11/17/2009	\$2,887.50	Utah Conservation Corp		\$218,356.48	2009 Kackley Springs - Willow
11/23/2009	\$1,924.44	Providia		\$216,432.04	2007 Harris Spring complex
12/7/2009	\$2,205.00	Providia		\$214,227.04	2009 Kackley Springs - Native Grass Seeding
12/17/2009		USFWS Partners Program	\$8,320.00	\$222,547.04	2009 Alexander Shrub Planting
12/17/2009	\$10,500.00	Trout Unlimited		\$212,047.04	2009 Trout Unlimited Screen
12/22/2009	\$14,000.00	IDFG		\$198,047.04	2008 Screen Tender \$14k
	<b>\$245,102.48</b>				<b>2009 Billings</b>

Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
2009 Interest Credit			\$246.00	\$198,293.04	
2010 Funding			\$197,746.84	\$396,039.88	
4/7/2010	\$22,397.50	Mathews Ranch LLC		\$373,642.38	2007 & 2008 Bear River
5/6/2010	\$2,946.04	Caribou National Forest		\$370,696.34	2009 Invasive Species Signage
6/1/2010	\$6,842.12	Conservation Seeding and		\$363,854.22	2010 Alexander Shrub Planting
6/7/2010	\$45,000.00	Trout Unlimited		\$318,854.22	2010 Georgetown Creek
7/14/2010	\$1,958.62	Jensen Lumber Co.		\$316,895.60	2009 Bailey Creek Spring
7/30/2010	\$1,020.20	Allred Restoration		\$315,875.40	2010 Kackley Springs Flow
8/2/2010	\$15,000.00	BLM		\$300,875.40	2010 Oneida Narrows Riparian
9/13/2010	\$2,575.77	Jensen Lumber Co.		\$298,299.63	2009 Spring Exclusion Fencing
9/23/2010	\$5,000.00	Trout Unlimited		\$293,299.63	2010 Cub River Telemetry
9/23/2010	\$12,000.00	State of Idaho		\$281,299.63	2010 Screen Tender
9/29/2010	\$576.48	Jensen Lumber Co.		\$280,723.15	2009 Midnight Mountain Spring
10/1/2010	\$3,619.43	R2 Resource Consultants		\$277,103.72	2010 Kackley Springs Exclusion
11/4/2010	\$25.30	PacifiCorp MasterCard		\$277,078.42	2010 Kackley Springs Exclusion
11/5/2010	\$8,218.85	R2 Resource Consultants		\$268,859.57	2011 Kackley Springs Exclusion
11/9/2010	\$1,800.95	Providia		\$267,058.62	2010 ECC Funded Weed Control
11/9/2010	\$2,617.00	Bushman		\$264,441.62	2008 Stauffer Creek Bushman
12/3/2010	\$1,970.00	Providia		\$262,471.62	2010 Alexander Shrub Planting
12/20/2010	\$15,550.20	Partner Steel Co. Inc.		\$246,921.42	2010 Kackley Springs Exclusion
12/20/2010	\$402.60	R2 Resource Consultants		\$246,518.82	2010 Kackley Springs Exclusion
12/20/2010	\$1,031.76	Welder PacifiCorp		\$245,487.06	2010 Kackley Springs Exclusion
12/24/2010	\$6,865.00	KCA		\$238,622.06	2010 Kackley Springs Exclusion
12/29/2010	\$4,647.53	R2 Resource Consultants		\$233,974.53	2009 Oneida Fish Passage
12/29/2010	\$757.50	R2 Resource Consultants		\$233,217.03	2010 Kackley Springs Exclusion
	<b>\$162,822.85</b>				<b>2010 Billings</b>
2010 Interest Credit			\$13.00	\$233,230.03	
2011 Funding			\$200,020.02	\$433,250.05	
1/27/2011	\$55,000.00	BLSWCD		\$378,250.05	2010 Paris Creek, Roy and Max
2/11/2011	\$6,608.96	R2 Resource Consultants		\$371,641.09	2010 Oneida Narrows Fish
2/11/2011	\$26,400.00	Kent Clegg		\$345,241.09	2010 Whiskey Creek Riparian
2/17/2011	\$3,500.00	Trout Unlimited		\$341,741.09	2010 Screen Repair at Cub and Cottonwood Creeks
3/9/2011	\$17,602.50	Blair Mathews		\$324,138.59	2007 & 2008 Bear River
4/18/2011	\$9,131.64	R2 Resource Consultants		\$315,006.95	2010 Oneida Narrows Fish
4/22/2011	\$21,541.84	R2 Resource Consultants		\$293,465.11	2010 Oneida Narrows Fish
4/22/2011	\$8,005.00	Oasis		\$285,460.11	Black Canyon Monitoring Final
5/3/2011	\$11,021.07	R2 Resource Consultants		\$274,439.04	2010 Oneida Narrows Fish
5/6/2011		Sales Tax on PO	\$394.55	\$274,833.59	



Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
5/11/2011		USFWS Partners	\$5,804.84	\$280,638.43	USFWS Partners Grant Funds for Alexander Shrub Planting
5/18/2011	\$27,000.00	Marv. Anderson		\$253,638.43	2009 Marv Anderson 8 Mile
6/6/2011	\$1,577.44	R2 Resource Consultants		\$252,060.99	2010 Oneida Narrows Fish
6/20/2011	\$2,005.23	R2 Resource Consultants		\$250,055.76	2010 Oneida Narrows Fish
7/1/2011	\$22,000.00	State of Idaho		\$228,055.76	2011 Screen Tender \$12k and Lawrence Fox North Hoops
7/1/2011	\$5,000.00	Sagebrush Steppe		\$223,055.76	Baseline Inventory of Christensen Conservation
7/25/2011	\$2,705.15	R2 Resource Consultants		\$220,350.61	2010 Oneida Narrows Fish
8/15/2011	\$4,134.00	R2 Resource Consultants		\$216,216.61	2010 Oneida Narrows Fish
8/15/2011	\$25,000.00	Trout Unlimited		\$191,216.61	2011 Cub River Fish Ladder
8/31/2011	\$5,699.72	Providia Management		\$185,516.89	2011 Kackley Springs Noxious
9/14/2011	\$1,450.00	KCA Construction Inc.		\$184,066.89	2011 Repairs at Harris Spring
10/6/2011	\$53.95	Caribou National Forest		\$184,012.94	2009 Invasive Species Signage
	<b>Outstanding Grant</b>	<b>Future Anticipated Billings</b>			
FUTURE	\$3,600.00	\$3,600.00		\$180,412.94	2010 Whiskey Creek Riparian
FUTURE	\$15,000.00	\$15,000.00		\$165,412.94	2011 Cottonwood Fish Screen
FUTURE	\$35,000.00	\$35,000.00		\$130,412.94	2011 USGS Bear River Tributary
FUTURE	\$10,000.00	\$10,000.00		\$120,412.94	2011 USFS 10-Year BCT Return Monitoring \$10k
FUTURE	\$23,027.00	\$23,027.00		\$97,385.94	2011 Mike Tingey Trout Creek
FUTURE	\$14,000.00	\$14,000.00		\$83,385.94	2011 Whiskey Creek Match to 319 Nichols Culvert Removal Project \$14k

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
Jan 2005 Beginning Balance			\$311,265.00		
8/11/2005	\$1,688.00	Appraisal & Financial Services		\$309,577.00	Gilbert Purchase Appraisal
9/20/2005	\$817.00	PERCO		\$308,760.00	Gilbert Purchase Site Evaluation
	<b>\$2,505.00</b>				<b>2005 Billing Total</b>
2005 Interest Credit			\$4,168.00	\$312,928.00	
2006 Funding			\$322,871.00	\$635,799.00	
8/11/2006	\$495.00	Appraisal & Financial Services		\$635,304.00	Gilbert Purchase Appraisal
10/20/2006	\$186,572.13	Caribou Land & Title		\$448,731.87	Gilbert Purchase 165 acres
11/27/2006	\$2,730.75	Sagebrush Steppe		\$446,001.12	Gilbert Purchase Other Expense
	<b>\$189,797.88</b>				<b>2006 Billing Total</b>
2006 Interest			\$10,202.28	\$456,203.40	
2007 Funding			\$334,041.00	\$790,244.40	
1/31/2007	\$18,542.00	Sagebrush Steppe		\$772,702.40	Cove Reach Conservation Easement Acquisition Costs
1/31/2007	\$9,674.00	Sagebrush Steppe		\$762,028.40	2007 Gilbert/Kackley Site Maintenance Costs
5/14/2007	\$45,530.00	IDFG		\$716,498.40	2007 Irrigation Diversion Mapping Project
3/19/2007	\$20,00.00	State of Idaho		\$696,498.40	2006 Grant for Georgetown Summit WMA, McCammon add.
	<b>\$93,746.00</b>				<b>2007 Billing Total</b>
2007 Interest Funding			\$16,696.00	\$713,194.40	
2008 Funding			\$343,814.00	\$1,057,008.40	
3/31/2008	\$605.00	Sagebrush Steppe		\$1,056,403.40	2008 Kackley Site Maintenance
3/31/2008	\$43,000.00	Sagebrush Steppe		\$1,013,403.40	2008 Grant for Exec. Director
10/29/2008	\$377,065.75	First American Title		\$636,337.65	Henderson CE Purchase
11/13/2008	\$13,000.00	Sagebrush Steppe		\$623,337.65	Henderson CE Purchase
12/18/2008	\$21,831.88	Sagebrush Steppe		\$601,505.77	Henderson CE Purchase
	<b>\$455,502.63</b>				<b>2008 Billing Total</b>
2008 Interest Credit			\$7,699.00	\$609,204.77	
2009 Funding			\$353,081.60	\$962,286.37	Checked MJS 5.11.09
9/8/2009	\$156,451.00	Sagebrush Steppe		\$805,835.37	2007 SSLT – Kackley Gilbert Stewardship
					2007 SSLT – Cove Stewardship
					2008 Henderson Stewardship
12/11/2009	\$3,732.00	Sagebrush Steppe		\$802,103.37	Kackley Cove Monitoring/ Maintenance 2009
12/24/2009	\$177,383.00	Sagebrush Steppe		\$624,720.37	2009 Harris CE Purchase

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
	<b>\$337,566.00</b>				<b>2009 Billing Total</b>
2009 Interest Credit			\$776.00	\$625,496.37	
2010 Funding			\$355,233.00	\$980,729.37	
2/2/2010	\$32,920.24	Sagebrush Steppe		\$947,809.13	Harris Easement Expenses and Wilde Appraisal
2/4/2010	\$35,500.00	Sagebrush Steppe		\$912,309.13	2009 Harris Stewardship Long Term Funding
2/10/2010	\$1,940.00	Sagebrush Steppe		\$910,369.13	Henderson Monitoring Expenses 2009 and 2010
5/19/2010	\$304,683.50	Sagebrush Steppe		\$605,685.63	2010 Deep Creek Acquisition Costs
7/1/2010	\$10,206.50	Sagebrush Steppe		\$595,479.13	Deep Creek / Henderson Conservation Easement Management
7/30/2010	\$3,995.00	Providia		\$591,484.13	Weed Control at Kackley Preserve
8/23/2010	\$25,000.00	Sagebrush Steppe		\$566,484.13	Sagebrush Staff Support
9/23/2010	\$22,000.00	Sagebrush Steppe		\$544,484.13	Christensen Appraisal
	<b>\$436,245.24</b>				<b>2010 Billings Total</b>
2010 Interest Credit			\$29.00	\$544,513.13	
2011 Funding			\$359,317.41	\$903,830.54	
1/11/2011	\$7,520.00	Sagebrush Steppe		\$887,104.10	Christensen Survey
1/26/2011	\$3,015.00	Sagebrush Steppe		\$884,089.10	Christensen Legal
8/15/2011	\$25,000.00	Sagebrush Steppe		\$859,089.10	Sagebrush Staff Support June 2011 to June 2012
11/18/2011	\$12,221.00	Sagebrush Steppe		\$846,868.10	2011 Monitoring & Mgmt Costs & 2012 Projected Costs
12/13/2011	\$3,030.00	Sagebrush Steppe		\$843,838.10	Ecological baseline survey for Kackley Property
FUTURE 2012	\$80,000.00	Sagebrush Steppe		\$763,838.10	2010 Deep Creek Long Term Stewardship - Fee Title Stewardship Funding
FUTURE 2012	\$286,985.00	Sagebrush Steppe		\$476,853.10	2010 Mink Creek Conservation Easement Match and Stewardship

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
					Funding
FUTURE 2012	\$13,000.00	Sagebrush Steppe		\$463,853.10	2012 Monitoring and Management Costs (meet in November 2012)
FUTURE 2012	\$25,000.00	Sagebrush Steppe		\$438,853.10	2012 Sagebrush Staff Support

PacifiCorp Bear River Implementation Projects ECC Coordination Hours 2011 BRI-ECC (Labor Hours Only)*		
Name	Hours	Function
Stenberg, Mark	1385	Environmental Coordination
Davies, Eve	66	Environmental Coordination
Shrier, Frank	7	Environmental Coordination
Baldwin, Connely	115	Environmental Coordination
Hugentobler, Miriam	557	Administrative Support
Hickerson, Sabrina	12	Administrative Support
Barnard, Heather	4	Administrative Support
<b>Total</b>	<b>2146</b>	

# Appendix A

*ECC Members, Designated Alternates and Authorized Signatories*



<b>Table A-1. 2011 ECC Members, Designated Alternates and Authorized Signatories</b>		
<b>ECC Member and Designated Alternate</b>	<b>Organization</b>	<b>Authorized Signatory</b>
Blaine Newman Arn Berglund, Alternate	Bureau of Land Management	Joe Kraayenbrink Idaho Falls District Manager
Marv Hoyt Andrea Santarsiere, Alternate	Greater Yellowstone Coalition	Marv Hoyt Idaho Director
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United	William Sedivy Executive Director
Dave Teuscher Arnie Brimmer, Alternate	Idaho Department of Fish and Game	Virgil Moore Director
Rick Just Kirk Rich, Alternate	Idaho Department of Parks and Recreation	Nancy Merrill Director
Cary Myler David Kampwerth, Alternate	U.S. Fish and Wildlife Service	David Kampwerth Field Supervisor
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	Kevin Colburn National Stewardship Director
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes	Nathan Small Chairman, Fort Hall Business Council
Lee Mabey (interim) Corey Lyman, Alternate	USDA-Forest Service	Harv Forsgren Regional Forester
Kirk Dahle (outgoing rep) Paul Burnett (incoming rep) Warren Colyer, Alternate	Trout Unlimited	Kim Goodman-Trotter Director, Idaho Water Office
Lynn Van Every Greg Mladenka, Alternate	Idaho Department of Environmental Quality	Toni Hardesty Director
Susan Rosebrough Dan Miller, Alternate	National Park Service	Christine Lehnertz Regional Director
Mark Stenberg Eve Davies, Alternate	PacifiCorp	Michael Dunn President





# Appendix B

*Grace-Cove Site Plan Compliance Monitoring and Performance Tracking*



## Grace-Cove Site Plan Compliance Monitoring

Sant Parcel Compliance Monitoring				
Date: 9/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Fence the parking area's east side and install a cattle gate or guard.</li> </ul>	Fall 2005	YES	Initially completed
		Annual Inspection	YES	Fence in good working condition
	<ul style="list-style-type: none"> <li>Sign the Black Canyon Take-out and the parking area with: (1) a "Part 8" mounting sign; (2) 3 "Part 8" sign placards; (3) a Benefits of Hydro Power sign; (4) a Boating Caution and Warning sign; (5) a "Stop" sign; (6) a "Day Use Only" (7) a "No Fires" sign; (8) a "Speed Limit 10 mph" sign; (9) and, a "Pack It In, Pack It Out" sign according to the RTSP, Appendix C.</li> </ul>	Spring 2006	YES	Completed
		Monthly Inspections	YES	"No fire" and other information signs added in 2011
	<ul style="list-style-type: none"> <li>Maintain the parking area and maintain the roadway according to RTSP standards, p. 29.</li> </ul>	Ongoing	YES	New gravel added, area in good condition 2011
	<ul style="list-style-type: none"> <li>Ensure portable toilet is placed next to "Handicapped Parking" sign.</li> </ul>	Annual Inspection	YES	Completed
	<ul style="list-style-type: none"> <li>Maintain the portable toilet.</li> </ul>	Biweekly	YES	Clean and in good working condition
	<ul style="list-style-type: none"> <li>Remove debris and litter from the parking area and the gravel boat take-out area.</li> </ul>	Weekly	YES	Good Condition
	<ul style="list-style-type: none"> <li>Destroy existing fire rings near the Black Canyon parking area and the boat take-out; rehabilitate these areas.</li> </ul>	Fall 2005	YES	Initially completed

**Sant Parcel Compliance Monitoring**
**Date: 9/8/2011**
**Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual Inspection	YES	<b>New fire activity since rehabilitation, "no fire" sign installed at site</b>
	<ul style="list-style-type: none"> <li>Maintain boat take-out area at Black Canyon recreation site (RTSP, p. 29).</li> </ul>	Ongoing	YES	Initially completed
		Annual Inspection	YES	Good
	<ul style="list-style-type: none"> <li>Complete the property boundary delineation on the east and south ends.</li> </ul>	Fall 2005	YES	Completed
		Annual Inspection	YES	Boundaries delineated
	<ul style="list-style-type: none"> <li>Ensure fence and fence post condition for all boundaries.</li> </ul>	Annual Inspection	YES	Fence posts in good working condition
	<ul style="list-style-type: none"> <li>Submit summary report of implementation of RTSP and FERC Form 80.</li> </ul>	Summer 2011	YES	N/A
		6-year Intervals	YES	Initial form submitted in 2005
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Revise the weed control contract to include backpack spraying and other appropriate techniques on areas away from roads and operating facilities. (Note: this action would affect all planning area parcels.).</li> </ul>	Spring 2006/Revise as needed	YES	Ongoing

**Sant Parcel Compliance Monitoring****Date: 9/8/2011****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"><li>Annual or biannual backpack spraying throughout the parcel only after other mechanical or biological control options have been evaluated.</li></ul>	Spring 2006	YES	Initially completed
		Semiannual Rx/Monitoring	YES	<b>Ongoing efforts— low priority area in 2011.</b>
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"><li>Fence the riparian system, extending the west parking area boundary along the river (Figure 2.).</li></ul>	Spring 2006	YES	Completed
		Annual Inspection	YES	No trespass activity
<b>Agricultural Uses</b>	<ul style="list-style-type: none"><li>Update the grazing lease agreement.</li></ul>	Fall 2006	YES	Completed
		Update as needed	YES	Ongoing
	<ul style="list-style-type: none"><li>Conduct annual pre-grazing forage height assessment.</li></ul>	Spring 2006	YES	Completed

**Sant Parcel Compliance Monitoring****Date: 9/8/2011****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual Inspection	YES	Completed
	• Train lessees on forage utilization monitoring.	Fall 2006	YES	Completed in April of 2007
	• The lessee must submit forage utilization monitoring reports as required by the lease agreement.	Fall 2006	YES	Completed Spring 2007
		Monthly	YES	Ongoing
	• Reconstruct north/south interior fence to allow a two-pasture grazing system within the parcel.	Fall 2005	YES	Completed
	• Ensure interior fence and fence post condition.	Annual Inspection	YES	Fence in good working condition September 2011

**Mansfield Parcel Compliance Monitoring**
**Date: 09/8/2011**
**Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"><li>Post the west boundary with property delineation markers.</li></ul>	Summer 2005	YES	Completed
	<ul style="list-style-type: none"><li>Determine whether north and south boundary fences are complete and accurately placed, and address any discrepancies noted.</li><li>Ensure fence and fence post condition on all boundaries.</li><li>Maintain existing pedestrian bridge.</li></ul>	Annual Inspection	YES	Completed--Good
	<ul style="list-style-type: none"><li>Secure the southern access gate to prohibit future vehicle travel without PacifiCorp approval. If maintenance is required on the conveyance pipe, written notice will be required of the owners describing the type of work prior to access being permitted.</li></ul>	Fall 2005	YES	Completed
		Annual Inspection	YES	Soft gate at entrance is shut, no trespass noted September 2011
Vegetation Management	<ul style="list-style-type: none"><li>Rehabilitate the water conveyance line by completing the following measures:  1. Remove discarded, steel pipeline segments and other debris from the parcel.  2. Repair the side cuts and drainage pathways along the 12-inch pipeline corridor. Feather or taper the edges and cover with available topsoil. During the</li></ul>	Fall 2005/Spring 2006	NO	Pipe removed from former alignments, still on PacifiCorp property at south gate.
		Annual Inspection	YES	Steel pipe sections still remain by soft south gate, September 2011. Pipe belongs to Joe Olson, removal is ongoing  Vegetation looks good, road reclamation good September 2011

**Mansfield Parcel Compliance Monitoring**
**Date: 09/8/2011**
**Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	repair process, place topsoil on the surface to enhance revegetation efforts.			
	3. Revegetate the entire area with native vegetation (weed free, native seed mixture) to reduce the visual impact of a linear feature.			
	<ul style="list-style-type: none"> <li>Spot treat weed species along the pipeline corridor with herbicide to control weeds. Care should be taken to avoid spraying new broadleaf or shrubby vegetation intended for the corridor.</li> </ul>	Spring 2005	YES	
		Semiannual or Annual Rx/Monitoring	NO	<b>Musk thistle white top</b> <b>No spraying conducted in 2011 – not a priority area</b>
	<ul style="list-style-type: none"> <li>Biannual backpack herbicide applications will be necessary to control weeds throughout the parcel and to encourage complete site recovery.</li> </ul>	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	NO	<b>Very weedy on west side of river</b> <b>No spraying in 2011</b>
	<ul style="list-style-type: none"> <li>Intensive backpack spraying weed control along 0.3 stretch of river integrated with mechanical and biological control measures.</li> </ul>	Spring 2006	YES	Completed
		Semiannual or Annual Rx/Monitoring	NO	<b>Very weedy -</b> <b>Musk thistle, white top, Canada thistle</b> <b>Not sprayed in 2011</b>



Mansfield Parcel Compliance Monitoring				
Date: 09/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Investigate piped diversion to determine if spring flow could be returned to Bear River.</li> </ul>	Spring 2005	YES	Note: Determined to be infeasible to return flow to river.
Agricultural Uses	Not Applicable.			

Penstock Parcel Compliance Monitoring				
Date: 09/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Confirm boundary alignment and post the west boundary with ownership signs.</li> </ul>	Fall 2005	YES	Completed
		Annual Inspection	YES	Good working condition
	<ul style="list-style-type: none"> <li>Ensure fence and fence post condition on all boundaries</li> </ul>	Annual Inspection	YES	Completed Fence needs some repairs, overall good
Vegetation Management	<ul style="list-style-type: none"> <li>Spray herbicides along the penstock access roads to manage weeds.</li> </ul>	Spring 2005	YES	Completed
		Semiannual or Annual Rx/Monitoring	YES	Weed control conducted, lots of weeds remain

<b>Penstock Parcel Compliance Monitoring</b> <b>Date: 09/8/2011      Technician: Bryan Westerberg</b>				
<b>Issue</b>	<b>Corrective Action</b>	<b>Timeframe</b>	<b>Completed?</b>	<b>Comments</b>
	<ul style="list-style-type: none"> <li>Construct water bars every 200 feet on the access roads made from soil with a 2 to 8 degree out slope to divert water flow.</li> </ul>	Fall 2005	YES	Runoff ditch created along penstock and access roads Will be annually monitored.
		Annual Inspection	YES	Working well - 2011
	<ul style="list-style-type: none"> <li>Utilize short duration (10 days) grazing as an additional control for weedy annual grasses.</li> </ul>	Ongoing	YES	Occasionally grazed; depends on lessee
		Semiannual or Annual Rx/Monitoring	YES	<b>Very short duration grazing in 2011; need to assess future utility of this action.</b>
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>Ensure spring boxes and the downstream wetlands are protected.</li> </ul>	Fall 2006	YES	Completed
		Annual Inspection	YES	<b>Protected, some fence repair needed</b>
<b>Agricultural Uses</b>	<ul style="list-style-type: none"> <li>Include the parcel in the grazing lease agreement for the Sant and Dugway parcels.</li> </ul>	Spring 2006	YES	Initially completed
		Update as needed	YES	<b>Need to update with Property</b>
	<ul style="list-style-type: none"> <li>Conduct annual pre-grazing forage height assessment.</li> </ul>	Annual Inspection	YES	Completed 2011
	<ul style="list-style-type: none"> <li>Train lessee on forage utilization monitoring.</li> </ul>	Spring 2006	YES	Completed in April 2007
	<ul style="list-style-type: none"> <li>The lessee must submit forage utilization monitoring reports as required by the lease agreement.</li> </ul>	Spring 2006	YES	Initially completed
		Monthly	YES	Sent to Property - 2011

Cove Forebay West Parcel Compliance Monitoring				
Date: 09/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Complete the property delineation and boundary fence and post indicating ownership.</li> </ul>	Summer 2005	YES	Completed
		Annual Inspection	YES	September 2011
	<ul style="list-style-type: none"> <li>Ensure fence and fence post condition on all boundaries.</li> </ul>	Annual Inspection	YES	Fence in good working condition September 2011
Vegetation Management	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian area and in localized, internal areas.</li> </ul>	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	NO	<b>Weeds - thistle, black henbane Monitored but not sprayed in 2011</b>
	<ul style="list-style-type: none"> <li>Revise the monitoring plan for weeds and revegetation efforts following Cove decommissioning activities.</li> </ul>	Fall 2006	YES	Decommissioning not completed until winter 2006 <b>Weeds, thistle in reveg area Need to add performance tracking pt. in 2012</b>
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Revise the monitoring plan for wetland and riparian areas following Cove decommissioning activities.</li> </ul>	Fall 2006	YES	Decommissioning not completed until winter 2006 <b>Need to complete revision Need to add performance tracking pt. in 2012</b>
Agricultural Uses	Not Applicable.			

Dugway Parcel Compliance Monitoring				
Date: 09/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	• Fence pasture throughout.	Spring 2006	YES	Completed
	• Ensure fence and fence post condition.	Annual inspection.	YES	Fence in good working condition September 2011
Vegetation Management	• Control localized weed infestations with herbicide applications and other appropriate techniques.	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	YES	<b>Some white top in pasture Limited spraying in this parcel.</b>
Wetland and Riparian Habitat Management	• Fence the channel currently used as the cattle water source and develop a water trough in the northeast corner of the parcel.	Fall 2006	YES	Not completed until spring 2007
		Annual inspection	YES	Good condition September 2011
Agricultural Uses	• Include the parcel in the grazing lease agreement that includes the Sant and Penstock parcels.	Fall 2006	YES	Completed spring 2007
		Update as needed	YES	Completed for 2011
	• Conduct annual pre-grazing forage height assessment.	Annual inspection.	YES	Completed
	• Train lessee on forage utilization monitoring.	Fall 2006	YES	Completed
	• The lessee must submit forage utilization monitoring reports as required by the lease agreement.	Fall 2006	YES	Initially completed
		Monthly	YES	Completed 2011

**Kackley Springs Parcel Compliance Monitoring**
**Date: 09/8/2011**
**Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
<b>Public Access</b>	<ul style="list-style-type: none"> <li>Confirm that the boundary delineation and fencing are complete and accurate.</li> </ul>	Fall 2005	YES	
		Annual Inspection	YES	
	<ul style="list-style-type: none"> <li>Ensure fence and fence post condition on all boundaries.</li> </ul>	Annual Inspection	YES	
	<ul style="list-style-type: none"> <li>Maintain the existing road.</li> </ul>	Ongoing	YES	
		Annual Inspection	YES	Good working condition
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures throughout the parcel</li> </ul>	Ongoing	YES	
		Semiannual or Annual Rx/Monitoring	YES	<b>Canada thistle</b>
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>Develop and implement a plan to either re-divert Kackley Springs flows or otherwise maintain them in a configuration favorable to aquatic resources.</li> </ul>	2009	YES	Plan and construction initially complete; ongoing work to improve habitat for BCT.
<b>Agricultural Uses</b>	Not Applicable.			

Cove Plant Parcel Compliance Monitoring				
Date: 09/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	• Complete the property delineation.	Summer 2005	YES	Completed
		Annual Inspection	YES	September 2011
	• Ensure fence and fence post condition.	Annual Inspection	YES	Good working condition September 2011
	• Maintain the existing road.	Ongoing	YES	
		Annual Inspection	YES	Good working condition Weed control, Russian thistle Completed
Vegetation Management	• Undertake appropriate weed control measures throughout the parcel, including specifically the rock spoil piles on river bank.	Ongoing	YES	Initially completed
		Semiannual or Annual Rx/Monitoring	YES	Complete 2011
	• Complete Cove buffer fence project.	Fall 2006	YES	Completed
	• Ensure Cove buffer fence condition.	Annual Inspection	YES	Good working condition
Wetland and Riparian Habitat Management	• Implement Cove buffer fencing to protect riparian area from grazing impacts.	Fall 2005	YES	Completed
		Annual Inspection	YES	Few sections need repair September 2011 (see also Cove Buffer Fence Monitoring Report)

Cove Plant Parcel Compliance Monitoring				
Date: 09/8/2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	<ul style="list-style-type: none"> <li>Update the parcel's grazing lease agreement.</li> </ul>	Fall 2006	YES	No grazing in 2011
		Update as needed	YES	
	<ul style="list-style-type: none"> <li>Conduct annual pre-grazing forage height assessment.</li> </ul>	Fall 2006	YES	No grazing in 2011
	<ul style="list-style-type: none"> <li>Train lessees on forage utilization monitoring.</li> </ul>	Annual Inspection	N/A	Completed in April 2007
	<ul style="list-style-type: none"> <li>The lessee must submit forage utilization monitoring reports as required by the lease agreement.</li> </ul>	Fall 2006	N/A	No grazing 2011
		Monthly	N/A	No grazing 2011

## Grace-Cove Performance Tracking

Sant Parcel Performance Tracking					
Date: 8-17-11 Technician: Bryan Westerberg		Initial Performance Tracking:		<input checked="" type="checkbox"/> Check if DFCs have been reviewed.	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA1 - Viable recreational uses are maintained and/or improved. (also PA2, PA5, PA6, PA7, VM1, WR1, WR2, and AU3.)	Are desired recreation activities occurring without discernible adverse environmental impacts? <ul style="list-style-type: none"> <li>• Are recreation opportunities, rules, and boating and fishing access at the Black Canyon take-out evident?</li> <li>• Is public signage easily visible and appropriately located?</li> <li>• Are adverse conditions occurring outside the recreation area?</li> </ul>	SP1	YES	New gravel added to parking area in 2011 New signage added: boater flow, New Zealand mud snail, and "no fire" signs
	PA2 - Disturbed lands are improved to restore healthy vegetated communities. (also VM1, WR1, and WR3.)	Is there noticeable improvement in riparian habitat since fire ring rehabilitation and sign placement? <ul style="list-style-type: none"> <li>• Is there any new fire activity in the vicinity of the Black Canyon take-out?</li> <li>• Is trampled vegetation in the area recovering?</li> </ul>	SP2	YES	No recent fire activity, "no fire" sign placed in area in 2011



Sant Parcel Performance Tracking					
Date: 8-17-11		Technician: Bryan Westerberg	Initial Performance Tracking:		<input checked="" type="checkbox"/> Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Wetland and Riparian Habitat	WR2 - Riparian zones, wetlands and aquatic resources are healthy and are functioning properly. (also PA2, PA7, VM1, VM2, WR1, AU3, and AU4.)	Since implementation of the Site Plan, is the wet meadow habitat stable or increasing?  <ul style="list-style-type: none"> <li>Is there evidence of livestock use (e.g. manure, trampling, or trails)?</li> <li>Are riparian species, especially shrub and woody species, increasing?</li> </ul>	SP3	YES	Wet meadow looks good No livestock use present
			SP4		Species are stable

Mansfield Parcel Performance Tracking					
Date: 8-17-11		Technician: Bryan Westerberg	Initial Performance Tracking: September 2009		<input checked="" type="checkbox"/> Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Vegetation Management	VM2 - The extent of undesirable or weedy vegetation is reduced and treatments are scheduled as necessary. (also PA2, PA7, VM2, VM3, and WR2.)	Are weeds and other undesirable species decreasing?	MP1	NO	Need backpack weed control on hillside across from foot bridge. Big patches musk thistle. Weed species increasing
Wetland and Riparian Habitat Management	WR2 - Riparian zones, wetlands, and aquatic resources are healthy and are properly functioning. (also PA2 and VM1.)	Are riparian species, especially shrub and woody species, increasing around the footbridge?	MP2	YES	Increasing veg, grasses look good—lots of growth---lots of weeds as well

<b>Penstock Parcel Performance Tracking</b> <b>Date: 8-17-11 Technician: Bryan Westerberg Initial Performance Tracking: September 2009</b> <div style="float: right;"> <input checked="" type="checkbox"/> Check if DFCs have been reviewed.         </div>					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Wetland and Riparian Habitat Management</b>	WR1 - Wetland and riparian resources, spring complexes and the river shoreline are buffered and protected. (also PA2, PA7, VM1, VM2, AU3, and AU4.)	Are the wetland/spring box areas healthy and properly functioning?  <ul style="list-style-type: none"> <li><i>Is there evidence of livestock use (e.g. manure, trampling, or trails)?</i></li> </ul>	No PP	<b>NO</b>	Fence on the north side of spring box area needs repair and clearing (not PacifiCorp fence)—no new grazing present in 2011  <b>Area is very infested with noxious weeds, Canada thistle, whitetop, musk thistle, Houndstongue, black henbane.</b>

<b>Kackley Springs Parcel Performance Tracking</b> <b>Date: 8-17-2011 Technician: Bryan Westerberg Initial Performance Tracking: September 2009</b> <div style="float: right;"> <input checked="" type="checkbox"/> Check if DFCs have been reviewed.         </div>					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Vegetation Management</b>	VM2 - The extent of undesirable or weedy vegetation is reduced and treatments are scheduled as necessary.	Are weeds and other undesirable species decreasing?	KSP1	YES	Multiple weed treatments in 2011—noxious weed decreasing—lush growth

Cove Plant Parcel Performance Tracking					
Date: 8-17-11    Technician: Bryan Westerberg		Initial Performance Tracking: September 2009		<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Wetland and Riparian Habitat Management</b>	WR1 - Wetland and riparian resources, spring complexes and the river shoreline are buffered and protected. (also PA7, VM1, AU3, and AU4.)	Since implementation of the Site Plan, are shrub/woody species increasing?	CPP1	YES	Sites look good, weed populations down from last year, grass cover very good—willow growth excellent especially CPP1
			CPP2	YES	

## Grace Performance Tracking Photos

Sant Parcel



SP1 – 17 August 2011

Sant Parcel



SP2 – 17 August 2011



**Sant Parcel**



**SP3 - 17 August 2011**

**Sant Parcel**



**SP 4 -17 August 2011**



**Mansfield Parcel**



**MP1 - 17 August 2011**

**Mansfield Parcel**



**MP2 - 17 August 2011**

**Kackley Springs Parcel**



**KSP1 - 17 August 2011**



**Cove Plant Parcel**



**CPP1 - 17 August 2011**

**Cove Plant Parcel**



**CPP2 - 17 August 2011**



# Appendix C

*Cove Shoreline Buffer Fence Annual Monitoring Report*



## **Cove Shoreline Buffer Fence Annual Monitoring Report**

In the fall of 2006 a fence line was constructed on the west side of the Bear River, essentially running the length of the Grace/Cove project area. The fence line was constructed on private land not owned by PacifiCorp, between the former Cove Forebay and the Cove plant. The new fence line was constructed to create a buffer zone to protect the river and its banks from livestock grazing and any other agricultural land uses, per License Article 426. This particular project involved PacifiCorp Energy, the United States Fish and Wildlife Service (USFWS), and several private land owners whose property abutted the Bear River. New fence construction, as well as the updating of existing fence lines, resulted in approximately 9,000 feet of continuous fence line along the Bear River. This fence line provides a buffer and protection from livestock grazing and other agricultural uses. Currently 1.5 miles of riparian zone along both sides of the Bear River is now protected by this fence and other lines. This protection will help to improve the overall condition of the riparian zone as well as improve bank stabilization, wildlife habitat and water quality.

Since completion of the fence line in 2006, Sagebrush Steppe Land Trust (SSLT), in conjunction with the Environmental Coordination Committee (ECC), has purchased 154 acres of land on the east side of the Bear River that is adjacent to the shoreline buffer. To further protect this stretch of the river, SSLT created perpetual conservation easements with the private landowners within the area between the fence and the river for further protection from future undesired uses.

PacifiCorp is responsible for annual fence monitoring and inspection, as well as any required maintenance for the duration of the Federal Energy Regulatory Commission (FERC) license, which will expire in 2033. SSLT will be responsible for all other required land management practices within this buffer.

Annual monitoring of the fence line was conducted initially in the fall of 2007, and again in the fall of 2008. During the fall of 2009 annual monitoring of the fence line as well as adjacent riparian zones was conducted. At that time the fence line remained in a good overall condition, and riparian zones were protected from grazing and agricultural practices. Photos were taken of each fence section, and differentiated by individual easements. Due to confusion of the location of photo points along the fence line, new photo points were established in 2010 for each individual fence line. New photo point locations were created and GPSed during the 2010 inspection. The following paragraphs include a short description of each fence line segment, as well as the overall condition during the baseline and current monitoring. Any required maintenance is also noted, and photos of each segment are included.



**Olsen I 2011**

**Olsen I:** Length: 440 feet

Type: 4-strand, barb wire on steel posts.

**Baseline Condition:** Fence recently moved (December 2007) to correct property boundary. Fence line runs east and west through riparian zone. Fence line is in good condition. Riparian area dominated by sedges and wet meadow grasses, and is in good condition.

**2011 Maintenance required:** No maintenance required at time of inspection.

**2011 Easement conflict:** None

**2011 Photo Olsen I,** photo taken looking west from fence corner.



**McCurdy I Riparian 2011**

**McCurdy I:** Length: 320 feet

Type: Existing and upgraded, 6-strand, barb wire on steel and wood posts.

**Baseline Condition:** There has been some confusion of the location of the McCurdy fence segment. **The actual location is west of Olsen I on the hillside below the canal.** The fence line borders the Sagebrush Steppe Land Trust (SSLT) on the west boundary. The photo point used in previous years is looking south through the McCurdy I riparian along the existing fence line. In 2010 a new photo point was established for McCurdy I. The condition of the McCurdy fence segment in 2011 was good. The existing fence running through the McCurdy riparian zone is in need of removal as listed below.

**2011 Maintenance required:** Remove riparian fence only.

**2011 Easement conflict:** None

**2011 Photo looking south at existing fence through McCurdy I riparian (to be removed).**

**Note:** Need 2012 photo of McCurdy I canal fence section.





**Hansen 2011**

**Hansen:** Length: 200 feet

Type: 5-strand, barb wire on steel posts.

**Baseline Condition:** Fence line is in good condition, as well as riparian area. Riparian area is dominated by small stands of willows along with cattails and other emergent-marsh type grasses.

**2011 Maintenance required:** Wreck out existing, old interior fences that are no longer needed.

**2011 Easement conflict:** None

**2011 Photo looking south through Hansen riparian.**



**2011 McCurdy II**

**McCurdy II:** Length: 900 feet

Type: Field fence, 1-strand barb wire below, 2-strand barb wire above, steel posts.

**Baseline Condition:** Fence line is in good condition as well as riparian zone. Riparian zone dominated by dense stands of woody shrubs, including Wood's rose and black hawthorn.

**2011 Maintenance required:** None.

**2011 Easement conflict:** None

**2011 Photo looking south through riparian zone**





**2011 Olsen II**

**Olsen II:** Length: 2700 feet

Type: Combination of existing, upgraded 7-strand barb wire on steel and wood posts and new 5-strand barb wire on steel posts.

**Baseline Condition:** Fence line in overall good condition as well as riparian area. Riparian area dominated by grasses and willow stand.

**2011 Maintenance required:** None

**2011 Easement conflict:** None.

**2011 Photo** looking south through riparian zone.





### **2011 Harris**

**Harris:** Length: 4440 feet

**Type:** Combination of new, 5-strand barb wire on steel posts and new field fence with 2-strand barb wire on top, on steel posts, two soft gates included to provide access to lessees on 40-acre BLM lease.

**Baseline Condition:** The Harris section of fence line is in two parts, Harris and Harris BLM sections. In previous years the two sections have been monitored as one segment, and starting in 2010 they will be monitored as two separate sections. The Harris BLM section fence line separates the Harris property from BLM property, a new photo point of this section was established in 2010. This area is dominated by grasses and shrubs and was in good condition in 2010. The riparian area is a very narrow strip along the Bear River with steep banks. The area is dominated by grasses and small stands of willows.

**2011 Maintenance required:** None; notify BLM of *Phragmites* on both sides of river.

**2011 Easement conflict:** None

**2011 Photo taken looking north**

**Note:** In 2012 need second Harris (BLM) photo.



# Appendix D

*Oneida Site Plan Compliance Monitoring and Performance Tracking*



## Oneida Compliance Monitoring

Cottonwood Creek Parcel Compliance Monitoring				
Date: August 11, 2011      Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Complete the property boundary on the above-water portions of the parcel.</li> </ul>	Spring 2007	YES	Completed September 2009
		Annual inspection.	YES	Ongoing
	<ul style="list-style-type: none"> <li>Insure fence and fence post condition on all boundaries.</li> </ul>	Spring 2007	YES	Initially completed
		Annual inspection.	YES	Fences in good working condition August 2011
Vegetation Management	<ul style="list-style-type: none"> <li>Revise the weed control contract to include backpack spraying and other appropriate techniques on the above-water portions of the parcel. (Note: this action would affect all parcels.)</li> </ul>	Fall 2006	YES	Initially completed
		Revise as needed; monitor seasonally.	YES	Looks good, less weeds than in previous years
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>As long as the riparian zone and wetland areas above the waterline are protected, no other action is required.</li> </ul>	Spring 2008	YES	Initially completed September 2009
		Annual inspection.	YES	Ongoing
Agricultural Uses	Not Applicable.			

<b>Oneida Plant Parcel Compliance Monitoring</b> <b>Date: August 1, 2011</b> <b>Technician: Bryan Westerberg</b>				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp-owned lands.</li> </ul>	Fall 2007	YES	Initially completed summer 2007
		Annual inspection.	YES	Some Carsonite markers were replaced in 2011
	<ul style="list-style-type: none"> <li>Insure fence and fence post condition on all boundaries.</li> <li>Complete the signage and facilities at the Day Use Area and the Oneida Narrows put-in with: (1) recreational rules signs; (2) "Part 8" signs; (3) a "Stop" sign; (4) "No Fires" signs; (5) "Speed Limit 10 mph" signs; (6) "Pack It In, Pack It Out" signs; (7) a portable toilet at the put-in; and (8) a replacement for the composting toilet at the Day Use Area.</li> <li>Post "No Trespassing" and ownership signs on the westside near the pedestrian bridge and "lawn area" to prevent public access to the bypassed reach and "old camp" areas.</li> </ul>	Spring 2008	YES	Initially completed spring 2011
		Annual inspection.	YES	Fences good, signs good Old fences were removed, new gates and parking area added as well as overall fence maintenance
	<ul style="list-style-type: none"> <li>Maintain the parking areas according to RTSP standards (p. 29).</li> </ul>	Ongoing	YES	Initially completed
		Annual inspection/ Biweekly removal of debris.	YES	New gravel added in 2011
	<ul style="list-style-type: none"> <li>Maintain boat access at Oneida Narrows put-in and the Day Use Area (RTSP, p. 29).</li> </ul>	Ongoing	YES	Initially completed

Oneida Plant Parcel Compliance Monitoring				
Date: August 1, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		Monthly (in season) inspection of boat launches for debris/ Biannually (pre- and post-season) inspection of boat launch and removal of debris.	YES	Old fence around put in was removed and boulders placed to define area, new gravel added to parking area—put in looks good - 2011
	<ul style="list-style-type: none"> <li>Coordinate with the BLM to control public access to the bypassed reach.</li> </ul>	Fall 2006	YES	Initially completed fall 2006
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian zone and the Oneida Project Road as well as in localized, internal areas.</li> </ul>	Spring 2007	YES	Initially completed
		Also see the Performance Tracking form.	YES	Weeds generally controlled, ongoing efforts in 2012
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>As long as the riparian zone and wetland areas are protected, no other action is required.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Good
<b>Agricultural Uses</b>	Not Applicable.			

Westside Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp owned lands.</li> </ul>	Fall 2007	YES	Initially completed summer 2007
		Annual inspection.	YES	Annual inspection complete spring 2011
	<ul style="list-style-type: none"> <li>Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Fence in good working condition - 2011.
Vegetation Management	<ul style="list-style-type: none"> <li>Revegetate the lowlands with native upland vegetation if agricultural use is discontinued.</li> </ul>	Fall 2011	YES	Initially completed fall 2010
		Annual inspection.	YES	2011 - Looks good, lots of new growth
	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.</li> </ul>	Spring 2007	YES	Initially completed
		See Performance Tracking form.	YES	Weeds generally controlled; ongoing efforts in 2012
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>As long as the riparian zone and wetland areas are protected, no other action is required.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Good condition
Agricultural Uses	<ul style="list-style-type: none"> <li>Establish an agricultural use or alternative reclamation plan for the parcel.</li> </ul>	Spring 2011	YES	No agricultural use – fall 2010 Land reclaimed and converted to “conservation upland” status
	Implement the following measures, if applicable:			
	<ul style="list-style-type: none"> <li>Conduct annual pre-grazing forage height assessment:</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A



Westside Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	• Train lessee on forage utilization monitoring.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		As needed.	N/A	
	• Obtain lessee forage utilization monitoring reports as required by the lease agreement.	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	
	• Complete interior and riparian zone fences to allow a multi-pasture grazing system within the parcel.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	
	• Develop and inspect water sources at appropriate locations or water trucking plan.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A

<b>Eastside Parcel Compliance Monitoring</b> <b>Date: August 11, 2011</b> <b>Technician: Bryan Westerberg</b>				
Issue	Corrective Action	Timeframe	Completed?	Comments
<b>Public Access</b>	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp owned lands.</li> </ul>	Fall 2007	YES	Completed
		Annual inspection.	YES	
	<ul style="list-style-type: none"> <li>Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Fence in good working condition - 2011
	<ul style="list-style-type: none"> <li>Close dispersed campsites using rocks or fences.</li> </ul>	Spring 2007	YES	Completed
		Annual inspection	YES	Campsites remain closed - 2011
	<ul style="list-style-type: none"> <li>Remove existing fire rings at undesignated campsites.</li> </ul>	Spring 2007	YES	Completed
		Annual inspection	YES	Looks good
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Rehabilitate dispersed campsites, where necessary.</li> </ul>	Spring 2007	YES	Completed
		Annual inspection.	YES	Good condition September 2011
	<ul style="list-style-type: none"> <li>Revegetate the pastures with native upland vegetation if agricultural use is discontinued.</li> </ul>	Fall 2011	YES	Ag used discontinued Initially completed fall 2010
		Annual inspection.	YES	Looks good, lots of new grass growth
	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.</li> </ul>	Spring 2007	YES	Initially completed
		Biannual Rx/Monitoring	YES	Weeds generally controlled. Efforts ongoing in 2012.

Eastside Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>As long as the riparian zone and wetland areas are protected, no other action is required.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Remains protected
Agricultural Uses	<ul style="list-style-type: none"> <li>Establish an agricultural use or alternative reclamation plan for the parcel.</li> </ul>	Spring 2011	YES	No agricultural use Land reclaimed and converted to "conservation upland" status
	Implement the following measures, if applicable:			
	<ul style="list-style-type: none"> <li>Conduct annual pre-grazing forage height assessment:</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		Annual inspection	N/A	
	<ul style="list-style-type: none"> <li>Train lessee on forage utilization monitoring.</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		As needed.	N/A	
	<ul style="list-style-type: none"> <li>Obtain lessee forage utilization monitoring reports as required by the lease agreement.</li> </ul>	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	N/A

Eastside Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Complete interior and riparian zone fences to allow a multi-pasture grazing system within the parcel.</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		Annual inspection.	N/A	N/A
	<ul style="list-style-type: none"> <li>Develop and inspect water sources at appropriate locations or water trucking plan.</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A

Redpoint Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp owned lands.</li> </ul>	Fall 2007	YES	Initially completed
		Annual inspection.	YES	2011 - Completed
	<ul style="list-style-type: none"> <li>Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Fence in good working condition
	<ul style="list-style-type: none"> <li>Close dispersed campsites using rocks or fences.</li> </ul>	Spring 2007	YES	Initially completed

Redpoint Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	YES	No new camping-Looks good
	<ul style="list-style-type: none"> <li>Remove existing fire rings at undesignated campsites.</li> </ul>	Spring 2007	YES	Initially completed
		Annual inspection.	YES	2011 - No new fire rings
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Rehabilitate dispersed campsites where necessary.</li> </ul>	Spring 2007	YES	Initially completed
		Annual inspection.	YES	Site/vegetation recovery proceeding
	<ul style="list-style-type: none"> <li>Revegetate with native upland vegetation if agricultural use is discontinued.</li> </ul>	Fall 2011	YES	Ag use discontinued – Initially completed fall 2010
		Annual inspection.	YES	No longer in agricultural use, looks good— lots of native grass growth
	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.</li> </ul>	Spring 2007	YES	Initially completed
		Also see the Performance Tracking form.	YES	Weeds generally controlled, ongoing efforts in 2012
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>As long as the riparian zone and wetland areas are protected, no other action is required.</li> </ul>	Spring 2008	YES	Initially completed 2009
		Annual inspection.	YES	No change
<b>Agricultural Uses</b>	<ul style="list-style-type: none"> <li>Establish an agricultural use or alternative reclamation plan for the parcel.</li> </ul>	Spring 2011	YES	No ag use – reclamation plan initially completed in 2010
	Implement the following measures, if applicable:			

Redpoint Parcel Compliance Monitoring				
Date: August 11, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Conduct annual pre-grazing forage height assessment:</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		Annual inspection.	N/A	
	<ul style="list-style-type: none"> <li>Train lessee on forage utilization monitoring.</li> </ul>	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		As needed.	N/A	N/A
	<ul style="list-style-type: none"> <li>Obtain lessee forage utilization monitoring reports as required by the lease agreement.</li> </ul>	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	
	<ul style="list-style-type: none"> <li>Complete interior and riparian zone fences to allow a multi-pasture grazing system within the parcel (for grazing or cultivation practices).</li> </ul>	Spring 2007	N/A	N/A
		Annual inspection.	N/A	N/A
	<ul style="list-style-type: none"> <li>Develop and inspect water at appropriate locations or water trucking plan.</li> </ul>	Spring 2007	N/A	N/A
		Annual inspection.	N/A	N/A

Mink Creek Parcel Compliance Monitoring				
Date: September 1, 2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp owned lands.</li> </ul>	Fall 2007	YES	Completed summer 2007
	<ul style="list-style-type: none"> <li>Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.</li> </ul>	Spring 2008	YES	Completed summer 2007
	<ul style="list-style-type: none"> <li>Extend northern fenceline further into the river to prevent trespass grazing.</li> </ul>	Annual inspection.	YES	<b>Looks good, no trespass grazing Signs posted – Need “No ATVs” sign - 2012</b>
	<ul style="list-style-type: none"> <li>Complete the signage and facilities at the Oneida Narrows take-out with: (1) a recreational rules sign; (2) a “Part 8” sign; (3) a “No Fires” sign; (4) a “Pack It In, Pack It Out” sign; and (5) a portable toilet.</li> </ul>			
	<ul style="list-style-type: none"> <li>Install one sign at the planning area’s south entrance that includes: (1) recreational rules; (2) “Part 8”; (3) “No Fires”; (4) a “Speed Limit 10 mph”; and, (5) “Pack It In, Pack It Out” requirement.</li> </ul>	Fall 2006	NO	Checked site plan in 2010, sign at south entrance not required, there is a part 8 sign at take out that has all rules and regulations
		Annual inspection.	YES	Consider plan update?
	<ul style="list-style-type: none"> <li>Maintain the Narrows take-out parking area according to RTSP standards (p. 29).</li> </ul>	Ongoing	YES	Initially completed
		Annual inspection/ Biweekly removal of debris.	YES	2011 - Parking area in good condition
	<ul style="list-style-type: none"> <li>Maintain boat access (RTSP, p. 29).</li> </ul>	Ongoing	YES	Initially completed
		Annual inspection.	YES	Boat access in good condition, lots of public use

Mink Creek Parcel Compliance Monitoring				
Date: September 1, 2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Close dispersed campsites.</li> </ul>	Spring 2007	YES	Initially completed
		Annual inspection.	YES	Campsites still closed, no activity
	<ul style="list-style-type: none"> <li>Remove existing fire rings at undesignated campsites.</li> </ul>	Spring 2007	YES	Initially completed
		Annual inspection.	YES	No new fire rings
	<ul style="list-style-type: none"> <li>Rehabilitate dispersed campsites where necessary.</li> </ul>	Spring 2007	YES	Initially completed 2008
		Biannual or Annual Rx/Monitoring	YES	Looks good – no change
	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.</li> </ul>	Spring 2007	YES	Initially completed
		Biannual or Annual Rx/Monitoring	YES	
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>As long as the riparian zone and wetland areas are protected, no other action is required.</li> </ul>	Spring 2008	YES	Initially completed
		Annual inspection	YES	Riparian zones and wetlands protected
<b>Agricultural Uses</b>	Not applicable unless decision is made to use lease to control cattle use on eastern side of parcel (see 2011 LMP).	Future Action	N/A	N/A



Area-Wide Compliance Monitoring				
Date: September 1, 2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Road Maintenance	<ul style="list-style-type: none"> <li>Conduct regular maintenance on the Oneida Project Road including surface blading, dust abatement, snow removal, minor structure replacement, brush removal, culvert cleaning, and hazard tree removal.</li> <li>Maintain Oneida Project Road to prevent pushing sidecast material into riparian fringes along roadside.</li> </ul>	Annual or more frequently as needed.	YES	Initially complete and ongoing
	<ul style="list-style-type: none"> <li>Maintain traffic signs along the Oneida Project Road.</li> </ul>	Annual	YES	Good condition Speed limit signs added in 2011
	<ul style="list-style-type: none"> <li>Construct a turn-around loop at or near the Day Use Area to improve safety and maneuverability for vehicles along the Oneida Project Road. Provide a sign to indicate campsite availability at the Maple Grove Campground just north of the Day Use Area.</li> </ul>	Fall 2007	YES	Completed 2006 New overflow parking added at day use area in 2011
	<ul style="list-style-type: none"> <li>Fund law enforcement patrols along the Oneida Project Road May 1 through October 1.</li> </ul>	Annual	YES	Completed and ongoing
	<ul style="list-style-type: none"> <li>Request that Franklin County cooperate to enforce the OHV ordinance on PacifiCorp land.</li> </ul>	2007	YES	Complete and ongoing
	<ul style="list-style-type: none"> <li>Implement dust abatement measures along the Oneida Project Road adjacent on and up to 100 feet on either side of the Maple Grove and Redpoint campgrounds from Memorial Day to Labor Day.</li> </ul>	Memorial Day through Labor Day	YES	Complete and ongoing
	<ul style="list-style-type: none"> <li>Provide BLM funding to complete improvements on Segment E of the Oneida Project Road including: (1) corner improvements; (2) new pullouts; and (3) erosion control measures.</li> </ul>	Fall 2006	Annual inspection.	Good condition

Area-Wide Compliance Monitoring				
Date: September 1, 2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Coordinate with the BLM and other public agencies to designate the Oneida Project Road as the only motor vehicle route in the planning area.</li> </ul>	Fall 2006	YES	Initially complete and ongoing
Recreation Maintenance	<ul style="list-style-type: none"> <li>Coordinate with Oneida County and other local entities as appropriate to communicate to the public the issues associated with dispersed camping on PacifiCorp-owned land and the rationale for proposed management actions.</li> </ul>	Fall 2006	YES	Initially complete and ongoing
	<ul style="list-style-type: none"> <li>Redesignate the potential campground site on the Eastside Parcel as Developed Recreation Area, but continue to manage it as Conservation Upland until a feasible plan for campground development is brought forward by the BLM or another public entity.</li> </ul>	As appropriate.	No – Future action	N/A 2011
	<ul style="list-style-type: none"> <li>Review status of potential campground on Eastside Parcel and re-classify site as Conservation Upland if no feasible proposal for campground development has been accepted.</li> </ul>	2016	One time, in 2016.	N/A 2011
	<ul style="list-style-type: none"> <li>Inspect the planning area and document public use, recreational safety, road maintenance, and environmental impacts per LMP and RTSP.</li> </ul>	2011, 2016, 2021, 2026, 2031	5-year interval.	Completed 2011 Recreation use currently appropriate for Oneida Canyon
	<ul style="list-style-type: none"> <li>Complete FERC Form 80 to assess recreational use levels.</li> </ul>	2012	6-year interval.	Schedule changed – planning in 2012, implement in 2013/2014

## Oneida Performance Tracking

Oneida Plant Performance Tracking					
Date: 8-11-2011		Technician: Westerberg		Initial Performance Tracking: September 2009	
				<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Public Access</b>	PA1 - Viable recreational uses are maintained and/or improved. (also PA2, PA5, PA6, PA7, VM1, WR1, and WR3.)	<p>Are desired recreation activities occurring without discernible adverse environmental impacts*?</p> <ul style="list-style-type: none"> <li>• Are recreation opportunities, rules, and boating and fishing access evident?</li> <li>• Has litter/debris been removed?</li> <li>• Is the portable toilet maintained?</li> </ul> <p><i>*Applicable to the Oneida Narrows put-in, the Day Use Area, and the Take-Out and the "lawn area".</i></p>	OP1 (located at Oneida Narrows put-in)	YES	Put-in looks great, new gravel added to parking area in 2011-old fence removed and boulders placed to define parking area
			OP2 (located at Day Use Area)	YES	Day use area, Excellent
			OP3 (located at "lawn area")	YES	Lawn area in excellent condition-new fencing added in 2011 to prevent access to old camp and upstream of lawn area
			OP4 (located at "Oneida take-out")	YES	Take-out looks good. Old fencing removed in 2011. Lots of use by boaters

Eastside Parcel Performance Tracking				<div><div>x</div></div> Check if DFCs have been reviewed.	
Date: 8-11-2011		Technician: Westerberg			
Initial Performance Tracking: September 2009					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 - Disturbed lands are improved to restore healthy vegetated communities. (also PA5, PA6, PA7, PA8, PA9, PA10, VM1, VM3, WR1, WR2, and WR3.)	Is there noticeable improvement in riparian habitat since fire ring rehabilitation and sign placement?  • <i>Have fire rings been removed and rehabilitated?</i>  • <i>Is trampled vegetation in the area recovering?</i>	EP1	YES	Riparian area looks excellent. Lots of new growth-both grasses and trees
			EP2	YES	Looks excellent, lots of new growth
Wetland and Riparian Habitat Management	WR2 - Riparian impacts associated with ongoing dispersed camping on PacifiCorp-owned land are eliminated. (also PA2, PA5, PA6, PA7, VM1, VM2, and WR1.)	Are riparian species, especially shrub and woody species, increasing along the shoreline?	EP3	YES	Riparian looks good, lots of new growth.
			EP4	YES	Riparian looks good, lots of new growth
			RP3	YES	Lots of growth, both grass and woody—lots of public use as well—lots of boater launching from RP3—trails being created to water—but not really effecting veg Named “RP” but really in Eastside parcel
			RP4	YES	Lots of growth, willows and grasses Named “RP” but really in Eastside parcel

Redpoint Parcel Performance Tracking					
Date: 811-2011 Technician: Westerberg		Initial Performance Tracking: September 2009		<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 - Disturbed lands are improved to restore healthy vegetated communities. (also PA5, PA6, PA7, PA8, PA9, PA10, VM1, VM3, WR1, WR2, and WR3.)	<p>Is there noticeable improvement in riparian habitat since fire ring rehabilitation and sign and gate placement?</p> <ul style="list-style-type: none"> <li><i>Have fire rings been removed and rehabilitated?</i></li> <li><i>Is trampled vegetation in the area recovering?</i></li> </ul>	RP1	YES	Riparian in good condition, lots of new growth.
			RP2	YES	Gates remove and road closed with boulders—riparian looks great, lots of thick grass and forbs.
Wetland and Riparian Habitat Management	WR1 - Wetland and riparian resources and river shoreline are buffered and protected. (also PA2, PA5, PA6, PA7, VM1, VM2, and WR2.)	Are riparian species, especially shrub and woody species, increasing along the shoreline?	RP3	See previous page	Moved to East Side Parcel 2010 because locations are in that parcel.
			RP4	See previous page	Moved to East Side Parcel 2010 because locations are in that parcel.

# **Oneida Performance Tracking Photos 2011**

## **Oneida Plant Parcel**



**OP 1 - 11 August 2011**

## **Oneida Plant Parcel**



**OP2 - 11 August 2011**



### Oneida Plant Parcel



**OP3 - 11 August 2011**

### Mink Creek Parcel



**OP4 - 11 August 2011**

**East Side Parcel**



**EP1 - 11 August 2011**

**East Side Parcel**



**EP2 - 11 August 2011**



**East Side Parcel**



**EP3 - 11 August 2011**

**East Side Parcel**



**EP4 - 11 August 2011**



**East Side Parcel**



**RP 3 - 11 August 2011**

**East Side Parcel**



**RP4 - 11 August 2011**



**Red Point Parcel**



**RP1 - 11 August 2011**

**Red Point Parcel**



**RP2 - 11 August 2011**



# Appendix E

*Soda Site Plan Compliance Monitoring and Performance Tracking*



# Soda Compliance Monitoring

North Agricultural Parcel Compliance Monitoring				
Date: September 2011		Technician: Bryan Westerberg		Baseline 2009
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to demarcate PacifiCorp owned lands and public access policies.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	Baseline	Ongoing
	<ul style="list-style-type: none"> <li>Request placement of hazard signs on the Second Bridge abutment by Caribou County.</li> </ul>	Spring 2009	<b>NO</b>	<b>Incomplete</b>
		Annual	YES	<b>No sign – consider barricade</b>
Vegetation Management	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures in localized, internal areas.</li> </ul>	Spring 2009	YES	Initially completed
		Annual - also see the Performance Tracking	YES	<b>Weeds are improving-treatment in 2011—still lots in the buffer</b>
	<ul style="list-style-type: none"> <li>Cooperate with IDFG in developing sharp-tailed grouse and other wildlife habitat on peninsula.</li> </ul>	Fall 2009	YES	Initially completed 2009-2010
		Annual	YES	2011 progress – small patch of surviving Woods rose
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Expand riparian buffers as appropriate and delineate shoreline buffer.</li> </ul>	Fall 2008	YES	Initially completed fall 2008
		Annual	YES	Buffers look good overall
	<ul style="list-style-type: none"> <li>Complete the boundary fence along the eastern boundary near PacifiCorp housing area.</li> </ul>	Fall 2008	<b>NO</b>	<b>Incomplete</b>
		Annual	YES	<b>Replace/complete in 2012</b>
Agricultural Uses	<ul style="list-style-type: none"> <li>Revise lease to ensure consistency with LMP.</li> </ul>	Spring 2009	YES	Initially completed
		As Needed	Ongoing	
	<ul style="list-style-type: none"> <li>Eliminate grazing from lease.</li> </ul>	Spring 2009	YES	Completed – no further action
		N/A	N/A	

<b>North Agricultural Parcel Compliance Monitoring</b> <b>Date: September 2011      Technician: Bryan Westerberg      Baseline 2009</b>				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Monitor buffers for weed populations expanding from agricultural lease area.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	Buffer was mowed in 2011 to help with weed control, grasses reestablishing well



<b>Morristown Parcel Compliance Monitoring</b> <b>Date: September 2011</b> <b>Technician: Bryan Westerberg</b>				
Issue	Corrective Action	Timeframe	Completed?	Comments
<b>Public Access</b>	<ul style="list-style-type: none"> <li>Use appropriate methods to demarcate PacifiCorp owned lands and public access policies.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	Ongoing
	<ul style="list-style-type: none"> <li>Maintain fence and boundary post condition on all boundaries, particularly north of the highway.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	Fences good
	<ul style="list-style-type: none"> <li>Install gate with walk-in access at the Morristown site to prevent motorized access to the reservoir beyond.</li> </ul>	Summer 2009	<b>NO</b>	<b>Incomplete</b>
		Annual	YES	<b>Gate present, but opened—people still driving to the shoreline—gate needs lock</b>
	<ul style="list-style-type: none"> <li>Improve the signage at the Morristown Historical Site to address safety and liability concerns.</li> </ul>	Summer 2009	<b>NO</b>	<b>No signage at site</b>
		Annual	YES	
	<ul style="list-style-type: none"> <li>Request the Caribou County cooperate to improve maintenance of the toilet facility at the Oregon Trail Park and Marina.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	Looks good
	<ul style="list-style-type: none"> <li>Eliminate agricultural lease on 10-acre property east of marina.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	<b>Need to prioritize weeds to the west of this in 2012</b>
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>If a property with higher wildlife values becomes available for exchange, seek to trade or sell isolated and land-locked property north of the golf course, perhaps to the BLM or adjacent landowners.</li> </ul>	Summer 2009	Ongoing	Incomplete
		Annual	N/A	IDFG asked this parcel remain or be protected – no action 2011
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures in localized, internal areas, particularly around the Morristown Historical Site.</li> </ul>	Spring 2009	YES	Initially completed
		Annual – also see Performance Tracking	YES	<b>Lots of Canada thistle - 2011</b>

Morristown Parcel Compliance Monitoring				
Date: September 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Consult with IDFG on possible vegetation enhancement on Conservation Lands to improve wildlife habitat.</li> </ul>	Summer 2009	YES	Initially completed
		As Needed	Ongoing	Not highest initial priority. Potential for future project.
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Eliminate shoreline grazing through fencing and lease revision.</li> </ul>	Fall 2008	YES	Initially completed
		Annual	YES	No grazing
Agricultural Uses	<ul style="list-style-type: none"> <li>Eliminate lease to ensure consistency with LMP.</li> </ul>	Spring 2009	YES	Initially completed
		N/A	N/A	

Bear River Parcel Compliance Monitoring Date: September 2011      Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to demarcate PacifiCorp-owned lands and public access policies.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	New fences built spring 2010
	<ul style="list-style-type: none"> <li>Close the vehicle access to the dispersed campsites on the river's northern and southern shores using rocks or fences.</li> </ul>	Summer 2009	NO	Not completed
		Annual	YES	Lots of public use and access on south side, plans for barricades or fencing planned in 2012.
	<ul style="list-style-type: none"> <li>Fence out adjacent owners who are using PacifiCorp land for an extension of their backyards.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	Still no use
	<ul style="list-style-type: none"> <li>Remove the existing fire rings at the undesignated campsites and monitor to ensure natural vegetation returns.</li> </ul>	Summer 2009	YES	Initially completed
		Annual	YES	New roads being created in area, needs more fencing
Vegetation Management	<ul style="list-style-type: none"> <li>Consult with IDFG on possible vegetation enhancement on conservation lands to improve wildlife habitat.</li> </ul>	Fall 2009	YES	Initially completed
		As needed	Ongoing	Not highest initial priority. Potential for future project.
	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the road and enforce lessee weed control lease provisions in cultivated areas.</li> </ul>	Spring 2009	YES	Canada thistle, musk thistle—September 2011
		Annual	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Complete shoreline buffer posting along south side of the river.</li> </ul>	Fall 2009	NO	Incomplete
		Annual	YES	Buffer needs work 2012
	<ul style="list-style-type: none"> <li>Place vehicle barriers where necessary.</li> </ul>	Fall 2009	NO	Incomplete

Bear River Parcel Compliance Monitoring Date: September 2011 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual	YES	New roads being created.
Agricultural Uses	<ul style="list-style-type: none"> <li>Revise leases to ensure consistency with LMP.</li> </ul>	Spring 2009		Initially completed
		As needed	Ongoing	
	<ul style="list-style-type: none"> <li>Request that the lessee remove unauthorized fuel storage tanks from PacifiCorp property.</li> </ul>	Spring 2009	YES	Completed
		Annual	YES	No change
	<ul style="list-style-type: none"> <li>Monitor buffers for weeds expanding from agricultural lease area.</li> </ul>	Summer 2009	YES	September 2011, musk thistle and Canada thistle
		Annual	YES	

South Agricultural Parcel Compliance Monitoring Date: September 2011 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies.</li> </ul>	Spring 2009	YES	Initially complete
		Annual	YES	No public access policies at parking area. Add “no fires,” Pack in/out,” and “no overnight use” in 2012
	<ul style="list-style-type: none"> <li>Create a new parking area on the east end of the dirt track to facilitate recreation use.</li> </ul>	Fall 2009	YES	Initially complete
		Annual	YES	New fencing completed spring 2010 to stop people from driving around parking area—public still continuing to drive around fence
	<ul style="list-style-type: none"> <li>Grant a perpetual easement for the landowner whose driveway crosses the parcel or pursue land disposition with deed restrictions for the three parcels near Larson Road.</li> </ul>	Summer 2009	NO	Incomplete - 2/3 done
		Ongoing	YES	Sold driveway parcel and one other; last parcel sale incomplete

<b>South Agricultural Parcel Compliance Monitoring</b> <b>Date: September 2011                      Technician: Bryan Westerberg</b>				
<b>Issue</b>	<b>Corrective Action</b>	<b>Timeframe</b>	<b>Completed?</b>	<b>Comments</b>
	<ul style="list-style-type: none"> <li>Monitor the residential development to ensure no trespass or new encumbrances.</li> </ul>	Summer 2009	YES	Ongoing
		Annual	YES	Good
	<ul style="list-style-type: none"> <li>Pursue land exchanges with private landowners to consolidate PacifiCorp ownership patterns and land management practices.</li> </ul>	Fall 2009	YES	Initially complete in 2009: Trade completed O. Gunnell. D. Gunnell completed lease exchange
		As needed	YES	2011 – No change
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the road in areas not under lease, and enforce lessee weed control lease provisions in cultivated areas.</li> </ul>	Summer 2009	YES	Initially completed
		Annual	YES	Weeds treated in 2011
	<ul style="list-style-type: none"> <li>Consult with IDFG for possible vegetation enhancements on Conservation Lands.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	Ongoing	Not highest initial priority. Potential for future project
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>Expand shoreline buffer as required to meet LMP and License objectives in cultivated areas.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	YES	Buffers look good, <b>two roads on south and north ends being created by public</b>
<b>Agricultural Uses</b>	<ul style="list-style-type: none"> <li>Revise leases to ensure consistency with LMP.</li> </ul>	Spring 2009	YES	Initially completed
		As needed	YES	N/A

Alexander Parcel Compliance Monitoring Date: September 2011 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	YES	Ongoing
	<ul style="list-style-type: none"> <li>Close the unauthorized campsites near the reservoir's shore to vehicle access by ensuring that the gate is locked; add a pedestrian walk-through gate to facilitate recreation access. Consider future alternative use of camp areas (see below).</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	No vehicle access
	<ul style="list-style-type: none"> <li>Remove existing fire rings and litter at the unauthorized campsite.</li> </ul>	Summer 2009	YES	Initially completed
		Annual	YES	<b>New fire rings have been built, lots of public use, rope swings, garbage, camping activities</b>
	<ul style="list-style-type: none"> <li>Pursue exchange of western and eastern parcels with BLM.</li> </ul>	Fall 2009	<b>NO</b>	<b>Incomplete</b>
		Ongoing		<b>Working with BLM; check progress in 2012</b>
	<ul style="list-style-type: none"> <li>Consider offering a future lease for the camping site to the BLM or State of Idaho for a managed campground.</li> </ul>	Future Activity	NO	<b>Incomplete – future activity</b>
		As needed	N/A	N/A - 2011
Vegetation Management	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures in localized areas in the parcel.</li> </ul>	Spring 2009	YES	<b>Initially completed</b>
		Annual	YES	<b>Musk thistle, Canada thistle - 2011</b>
	<ul style="list-style-type: none"> <li>Eliminate vehicle access to parcel and remove fire rings to reduce fire danger.</li> </ul>	Spring 2009	YES	Initially complete
		Annual	YES	<b>Fire rings have been rebuilt, September 2011</b>
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Reduce shoreline impact by closing campsite to vehicle access.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	Shoreline impacts continue
	<ul style="list-style-type: none"> <li>Monitor recreation impacts to shoreline per the RTSP.</li> </ul>	Summer 2014, 2019, 2024, 2029	NO	N/A 2011
		Every 5 years	N/A	

Alexander Parcel Compliance Monitoring Date: September 2011      Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	(No agricultural uses are authorized on the parcel.)	N/A		
		N/A		

# Soda Performance Tracking

North Agricultural Parcel Performance Tracking					
Date: August 28, 2011      Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/> Check if DFCs	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Vegetation Management	VM3-habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2)	Are upland brush communities healthy, diverse in plant composition, and minimally affected by invasive species? <ul style="list-style-type: none"> <li>Are desired plants established?</li> <li>Are weedy and invasive species decreasing?</li> </ul>	NA 1 (south of road just inside western edge of parcel)	YES	Looks good 2011
			NA2 (on peninsula)	YES	Looks good, musk and Canada thistle, evidence of recent weed control, evidence of Woods rose and currant growth along water's edge
Wetland and Riparian Habitat Management	WR1 – Wetland and riparian resources, and reservoir shorelines are buffered, posted, and protected. (Also WR2, WR3, WR4)	Are areas along the reservoir's edge and waterways formerly impacted by cultivation or livestock minimally affected by invasive plants, and is bare ground being replaced by desired grasses and forbs? <ul style="list-style-type: none"> <li>Are desired plants being reestablished?</li> <li>Are weedy species reasonably sparse and being managed appropriately?</li> <li>Is there an adequate buffer of healthy riparian vegetation along the water's edge?</li> <li>Are fences established where necessary and are they preventing livestock trespass but not obstructing use by wildlife?</li> </ul>	NA3  (east of Second Bridge Road between Alexander Road and Second Bridge Day Use Area)	YES	Buffer was mowed in late summer to help with weed control, grasses are reestablishing



North Agricultural Parcel Performance Tracking					
Date: August 28, 2011		Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009	
				<input checked="" type="checkbox"/> Check if DFCs	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Agricultural Uses</b>	AU1 – Activities on leased land are consistent with the objectives of the Agreement, the LMP, and Other resource management plans and meet lease stipulations.  (Also AU4)	Are agricultural practices appropriate for leased parcels? <ul style="list-style-type: none"> <li>• <i>Are agricultural operations limited to the area designated for agriculture?</i></li> <li>• <i>Is soil loss minimized during tillage and are weeds appropriately managed?</i></li> </ul>	NA 4  <i>(Northeast of employee residence area along upland buffer)</i>	YES	Grasses very thick and tall, weed control conducted in 2011, weeds still an issue but improving

Morristown Performance Tracking					
Date: August 28, 2011		Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009	
				<input checked="" type="checkbox"/> Check if DFCs	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Public Access</b>	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities.  (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and inconsiderate users being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing? <ul style="list-style-type: none"> <li>• <i>Does signage indicate proper use?</i></li> <li>• <i>Are fences in place to protect historic structures?</i></li> <li>• <i>Are vehicles prevented from accessing reservoir shoreline?</i></li> <li>• <i>Are visitor facilities being maintained appropriately?</i></li> </ul>	MO 1  <i>(at Morristown Historical Site)</i>	NO	<b>Gate is open and trespass driving continue—need to lock gate---No signs, also driving around gate</b>
			MO2  (at Oregon Trail Park and Marina)	YES	Looks good

Morristown Performance Tracking					
Date: August 28, 2011		Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009	
				<div>X</div>	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Wetland and Riparian Habitat Management	WR1 – Wetland and riparian resources, spring complexes, and the river shoreline are buffered and protected. (Also WR3, VM1, VM2.)	Are areas along the reservoir’s edge and waterways formerly impacted by livestock or vehicles minimally affected by invasive plants, and are desired grasses and forbs increasing?  <ul style="list-style-type: none"><li>Are desired plants being reestablished?</li><li>Are weedy species reasonably sparse and being managed appropriately?</li><li>Is there an adequate buffer of healthy riparian vegetation along the water’s edge?</li><li>Are fences established where necessary and are they preventing livestock trespass but not obstructing use by wildlife?</li><li>Are recreation users (fishers) having minimal impact?</li></ul>	MO3  (North of Highway 30 and west of the reservoir inlet)	YES	Looks good, extensive weed control conducted in 2011, weeds still issue but improving
			MO4  (South of Highway, south edge of golf course )	YES	Looks good, musk thistle

Bear River Parcel Performance Tracking					
Date: August 28, 2011      Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/> X	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Public Access</b>	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities.  (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and inconsiderate users being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing?  <ul style="list-style-type: none"> <li>Does signage indicate proper use?</li> <li>Is the area minimally affected by flammable material storage?</li> <li>Are vehicles prevented from accessing river and reservoir shorelines?</li> <li>Are sites along the river formerly used by campers returning to a desired state?</li> </ul>	BR 1  (north of Bear River along Big Springs Rd adjacent to cultivated field )	YES	Looks good, old fences removed
			BR2  (along dirt track to communication tower south of BR and east of Reservoir Rd)	NO	Lots of new dirt tracks being created— Need to fence and place gate-lots of heavy use along rivers edge
<b>Agricultural Uses</b>	AU1- Activities on leased land are consistent with the objectives of the Agreement, the LMP, and other resource management plans and meet lease stipulations.  (Also VM1, VM2, VM3, WR1, and AU4.)	Are agricultural practices appropriate for leased parcels?  <ul style="list-style-type: none"> <li>Are agricultural operations limited to the area designated for agriculture?</li> <li>Are areas formerly leased but now designated Conservation Land returning to desired grasses and shrubs, dominated by native species?</li> </ul>	BR3  (between field and steep riparian area in southern-most lease and along east side of Bear River)	YES	Looks good

South Agricultural Parcel Performance Tracking					
Date: August 28, 2011      Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/> X	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Public Access</b>	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities.  (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and inconsiderate users being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing?  <ul style="list-style-type: none"> <li>• Does signage indicate proper use?</li> <li>• Are vehicles prevented from accessing reservoir shorelines?</li> </ul>	SA1  (northeast of the new parking area north of Reservoir Road on the east end of the former 0.8 mile loop)	NO	Looks good, no vehicle access at parking lot, but accessing along road to the west. Fence will be extended in 2012.
<b>Wetland and Riparian Habitat Management</b>	WR – 1 Wetland and riparian resources, and reservoir shorelines are buffered, posted, and protected. (Also WR2, WR3, WR4.)	Are areas along reservoir edges and waterways formerly impacted by cultivation or recreation users minimally affected by invasive plants and are desired grasses, forbs, and shrubs becoming reestablished?  <ul style="list-style-type: none"> <li>• Are desired plants being reestablished?</li> <li>• Are weedy species reasonably sparse and being managed appropriately?</li> <li>• Is there an adequate buffer of healthy riparian vegetation along the water's edge?</li> <li>• Are fences established where necessary and are they preventing vehicle trespass but not obstructing use by wildlife?</li> </ul>	SA2  (northwest of Second Bridge Road approximately 0.75 miles from the west end)	YES	Looks good, buffer grass very tall

South Agricultural Parcel Performance Tracking Date: August 28, 2011      Technician: Bryan Westerberg      Initial Performance Tracking: Fall 2009 <div> <input checked="" type="checkbox"/> Check if DFCs         </div>					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Agricultural Uses	AU1 – Activities on leased land are consistent with the objectives of the Agreement, the LMP, and Other resource management plans and meet lease stipulations.  (Also AU4)	Are agricultural practices appropriate for leased parcels? <ul style="list-style-type: none"> <li>Are agricultural operations limited to the area designated for agriculture?</li> <li>Is soil loss minimized during tillage and are weeds appropriately managed?</li> </ul>	SA 3  <i>(south side of second bridge road approximately 1 mile west of bridge over Bear River)</i>	YES	Looks good

Alexander Parcel Performance Tracking					
Date: September 9-23-10		Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009	
				<div>X</div>	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities.  (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and unauthorized camping being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing?  <ul style="list-style-type: none"><li>Does signage indicate proper use?</li><li>Are vehicles prevented from accessing the interior of the parcel?</li><li>Is the former campground minimally affected by litter and debris?</li></ul>	AL1  (along the dirt track near the center of the former camp ground)	NO	Camping and fire rings, rope swing platform heavy foot traffic and recreation activities, litter is becoming issue---lots of erosion into reservoir. Need signs in 2012.
Wetland and Riparian Habitat Management	WR – 1 Wetland and riparian resources, and reservoir shorelines are buffered, posted, and protected. (Also WR2, WR3, WR4.)	Are areas along reservoir edges and waterways formerly impacted by recreation users minimally affected by invasive plants and are desired grasses, forbs, and shrubs becoming reestablished?  <ul style="list-style-type: none"><li>Are desired plants being reestablished?</li><li>Are weedy species reasonably sparse and being managed appropriately?</li><li>Is there an adequate buffer of healthy riparian vegetation along the water’s edge?</li><li>Are Fences established where necessary and are they preventing vehicle trespass but not obstructing use by wildlife?</li><li>Are recreation users (fishers) having minimal impact?</li></ul>	AL2  (near the base of the peninsula providing access to the south end of the former Second Bridge)	YES	Looks good

# **Soda Performance Tracking Photos 2011**

## **North Agricultural Parcel**



**NA 1 – 23 September 2011**



**NA 2 – 23 September 2011**



**NA 3 – 23 September 2011**



**NA 4 – 23 September 2011**



## Morristown Parcel



**MO 1 – 23 September 2011**



**MO 2 – 23 September 2011**



**MO 3 – 23 September 2011**



**MO 4 – 23 September 2011**



## **Bear River Parcel**



**BR 1 – 23 September 2011**



**BR 2 – 23 September 2011**

## **South Agricultural Parcel**



**SA 1 – 23 September 2011**



**SA 2 – 23 September 2011**





**SA 3 – 23 September 2011**

**Alexander Parcel**



**AL 1 – 23 September 2011**



**AL 2 – 23 September 2011**

# Appendix F

*Grace Dam and Last Chance Site Plan Compliance Monitoring and Performance Tracking*





# Grace Dam and Last Chance Site Plan Compliance Monitoring

Last Chance Parcel Compliance Monitoring				
Date: September, 2011		Technician: Bryan Westerberg		Baseline 2010
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public access.</li> </ul>	Summer 2009	YES	<b>Boundaries marked. Public access locations need to be clarified on the ground.</b>
		Annual	YES	Ongoing
	<ul style="list-style-type: none"> <li>Ensure gate, fence, and fence post condition on all boundaries where natural features don't provide adequate boundary delineation and protection from livestock and vehicle trespass.</li> </ul>	Summer 2009	YES	Initially completed in 2011
		Annual	YES	Fence good, new fencing completed in 2011, along river
	<ul style="list-style-type: none"> <li>Establish and maintain gates on unimproved roads unsuitable for public motorized access.</li> </ul>	Fall 2009	YES	NOTE: proposed gates on northwest property were replaced with cattle guards. New gate added in nw corner
Vegetation Management	<ul style="list-style-type: none"> <li>Revise the weed control contract to include backpack spraying and other appropriate techniques.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	<b>Lots of weeds in 2011</b>
	<ul style="list-style-type: none"> <li>Reseed the upland area where livestock have damaged ground above the ramp leading to the old ford to native grasses and forbs.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	YES	<b>Some growth, very weedy</b>
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> <li>Secure the ramp leading down to the old ford at the north end of the parcel to prevent trespassing livestock from accessing the river's edge.</li> </ul>	Summer 2009	YES	Property boundary is fenced and cattle guards on road are in place. New fence along river.
	<ul style="list-style-type: none"> <li>Reseed and replant the riparian area where livestock have damaged riparian areas at the old ford.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	YES	<b>Weedy but reclamation ongoing. Prioritize for 2012 weed effort.</b>
Agricultural Uses	<ul style="list-style-type: none"> <li>Renegotiate leases to limit lessees to one annual cut of alfalfa, leaving the balance for wildlife.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	One cut in 2011

Grace Dam Parcel Compliance Monitoring				
Date: September, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public uses.</li> </ul>	Summer 2009	YES	Initially completed
		Annual	YES	<b>Public access locations need to be better demarcated on the ground. TBD 2012</b>
	<ul style="list-style-type: none"> <li>Ensure fence and fence post condition on boundaries as necessary to control trespass OHV and livestock grazing.</li> </ul>	Summer 2009	YES	Initially complete
		Annual	YES	Area recovering, fence is done on the south
	<ul style="list-style-type: none"> <li>Post "No Trespassing" and ownership signs on the west side under the Highway 34 bridge to discourage public access to the Project Operations land west of the bridge and to protect the riparian habitat.</li> </ul>	Summer 2009	<b>NO</b>	<b>Incomplete</b>
		Annual	YES	<b>No signs or other barriers in place. Areas that are currently fenced will be maintained in the future. No additional fencing is proposed along the flowline. TBD 2012</b>
	<ul style="list-style-type: none"> <li>Complete the signage and facilities at the Black Canyon put-in with: (1) recreational rules signs; (2) "Part 8" signs; (3) a "Stop" sign; (4) "No Fires" signs; (5) "Speed Limit 10 mph" signs; (6) "Pack It In, Pack It Out" signs; (7) a portable toilet placed and maintained spring and summer at the put-in.</li> </ul>	Spring 2009	YES	New rule signs installed – initially complete
		Annual	YES	Added all signs in 2011
	<ul style="list-style-type: none"> <li>Maintain the parking areas according to RTSP standards (p. 29).</li> </ul>	Spring 2009	YES	Initially completed
		Ongoing	YES	Appears well maintained.
	<ul style="list-style-type: none"> <li>Provide overflow parking area if boater use exceeds capacity of gravel parking area.</li> </ul>	Future activity	NO	Not needed at this time
		Annual	N/A	N/A
	<ul style="list-style-type: none"> <li>Maintain boat access at the Grace Dam put-in and consider placing rocks in river to create eddy for safer boat launch.</li> </ul>	Spring 2009	YES	Initially completed
		Ongoing	YES	Boat access available. Eddy necessary
	<ul style="list-style-type: none"> <li>Inspect the recreation site periodically (every 5 years, per LMP and RTSP) for signs of environmental damage to adjacent sensitive habitats designated as Conservation shoreline buffers, and appropriate steps will be taken if damage is detected.</li> </ul>	Spring 2014, initially	N/A	Not applicable in 2011.

Grace Dam Parcel Compliance Monitoring				
Date: September, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> <li>Install boulders or other barriers to prevent vehicles from accessing the area under the bridge to reduce loitering and littering.</li> </ul>	Fall 2009	NO	Incomplete. Barriers in place on the east side, no barriers on west side.
Vegetation Management	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the riparian zone and project roads as well as in localized, internal areas.</li> </ul>	Spring 2010	YES	Weed control actions apparent.
	<ul style="list-style-type: none"> <li>Discontinue grazing on small (approximately 1-acre) parcel north of residence and east of Grace Dam to allow revegetation of riparian strip.</li> </ul>	Spring 2009	NO	Incomplete
		Annual	NO	Horse grazing, temporary electric fence in place. Additional follow up needed in 2012
Agricultural Uses	<ul style="list-style-type: none"> <li>No agricultural uses.</li> </ul>	Spring 2009	YES	No permitted use; see previous comment (above)

Flowline Parcel Compliance Monitoring				
Date: September, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> <li>Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public access.</li> </ul>	Summer 2009	NO	Incomplete
		Annual	YES	Boundaries are marked but public access is not posted.
	<ul style="list-style-type: none"> <li>Determine where public will be prohibited from access to Project Operations lands around flowline and surge tank because of unsafe conditions (e.g., ponds, escarpments, and piles of debris). Ensure appropriate signage and fence and fence post condition on all boundaries to prevent unauthorized public access, trespass grazing, and OHV access.</li> </ul>	Spring and Summer 2009	NO	Incomplete
		Annual	YES	No signage or fencing in place to regulate public access or use at surge tank, on 5-ac or 47-ac parcels or along much of flowline. Followup needed in 2012.
	<ul style="list-style-type: none"> <li>Negotiate easement with Last Chance Canal Company for catch basin at end of canal to require appropriate hazard warnings around the basin, near</li> </ul>	Fall 2009	NO	Incomplete

Flowline Parcel Compliance Monitoring				
Date: September, 2011		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	debris piles, and at the escarpment. Ensure that posted warnings are maintained by the canal company.	Annual	YES	Easement competed with Don Gilbert. Signage TBD in 2012
	<ul style="list-style-type: none"> <li>Notify party using the 47-acre triangular parcel without a lease for grazing horses to remove livestock.</li> </ul>	Spring 2009	YES	Initially completed
		Annual	YES	No grazing 2012
<b>Vegetation Management</b>	<ul style="list-style-type: none"> <li>Monitor 47-acre triangular parcel previously used by horses; reseed if necessary to improve wildlife habitat.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	YES	No recent livestock use apparent - wildlife use. Seeding unnecessary at present.
	<ul style="list-style-type: none"> <li>Clean up 5 acres previously used by others as dumping ground; seek opportunities for disposal, including sale or exchange with Caribou County for road maintenance material storage.</li> </ul>	Fall 2009	<b>NO</b>	Incomplete
		Annual	YES	Continue to work on this
	<ul style="list-style-type: none"> <li>Where necessary, revegetate the disturbed uplands around the surge tank that are not included in agriculture leases with native upland grasses and forbs.</li> </ul>	Fall 2009	YES	Initially completed
		Annual	YES	No evidence of reseeding around surge tank. Unnecessary at this time.
	<ul style="list-style-type: none"> <li>Undertake appropriate weed control measures along the flowline and in localized, internal areas.</li> </ul>	Spring 2010	YES	Initially completed
		Annual	YES	2011 spraying effective
<b>Wetland and Riparian Habitat Management</b>	<ul style="list-style-type: none"> <li>As long as the wet areas under the flowline are not being grazed, no other action is required.</li> </ul>	Spring 2009	YES	No grazing apparent.
<b>Agricultural Uses</b>	<ul style="list-style-type: none"> <li>Dispose of properties east of the current flowline along the old flowline alignment that are in the middle of cultivated fields and owned by a single landowner to that landowner by sale or exchange.</li> </ul>	Summer 2009	<b>NO</b>	<b>Incomplete</b>
		Ongoing	<b>NO</b>	<b>Need to advance this issue</b>
	<ul style="list-style-type: none"> <li>Negotiate updated lease terms with farmers cultivating the narrow strips west of the flowline and near the surge tank.</li> </ul>	Spring 2009	<b>NO</b>	<b>Incomplete</b>
		Ongoing	<b>NO</b>	<b>Need to advance this issue</b>

# Grace Dam and Last Chance Performance Tracking

Last Chance Performance Tracking					
Date: August 28, 2011    Technician: Bryan Westerberg,    Initial Performance Tracking: October 8, 2010				<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Public Access</b>	PA2 – Lands disturbed by recreation or other public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA6, VM1, VM2, VM3, WR1, WR2.)	Are areas formerly damaged by trespassing livestock free of invasive plants, and is bare ground being replaced by native grasses and forbs? <ul style="list-style-type: none"> <li>• <i>Are native plants being reestablished on the uplands above, the ramp, and the riparian zone adjacent to, the old river ford on the west side of the river?</i></li> <li>• <i>Has the extent of bare ground been reduced enough to minimize soil erosion?</i></li> <li>• <i>Has the fence around the old ford been removed so as not to obstruct use of the riparian zone by wildlife?</i></li> </ul>	<b>LC1</b> (at top of ramp leading to old ford)	YES	Cattle trespass in early summer from cattle traveling down river, new fencing built—no new trespass-very weedy on top—some small sign of new native grass
			<b>LC2</b> (on west side of river at old ford)	NO	<b>Extremely weedy, musk thistle out of control, weed control measures taken late summer --there is significant willow growth on the edge of river—some new native grass growth—some sign of erosion.</b>
<b>Vegetation Management</b>	VM3 - habitats such as sagebrush-steppe are enhanced and protected. (Also VM1, VM2.)	Are sagebrush-steppe and mountain brush communities healthy, diverse in plant composition, and free of invasive species? <ul style="list-style-type: none"> <li>• <i>Are native plants established and free of invasive species?</i></li> </ul>	<b>LC3</b> (on western edge of agricultural field at narrowest point in southwest piece)	YES	Sagebrush-steppe community healthy. <b>Weeds still pervasive, especially along edge of fields.</b> Abundance of native vegetation increases away from edge of fields. Musk thistle, Japanese brome, and cheat grass apparent.
			<b>LC4</b> (on east side of river at old ford)	NO	<b>Sagebrush-steppe community healthy. Weeds still pervasive, especially musk thistle along edge of river. Area is more weedy than previous year</b>

<b>Last Chance Performance Tracking</b> Date: August 28, 2011    Technician: Bryan Westerberg,    Initial Performance Tracking: October 8, 2010						<input checked="checked" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments		
<b>Agricultural Uses</b>	AU1 - Activities on leased land are consistent with the objectives of the Agreement, the LMP, and other resource management plans and meet lease stipulations. (Also AU4.)	Are agricultural practices appropriate for leased parcels and helping to support wildlife? <ul style="list-style-type: none"> <li>• <i>Are agricultural operations limited to the area designated for agriculture?</i></li> <li>• <i>Are crops limited to alfalfa, and is only the first cut removed, leaving the balance for wildlife?</i></li> <li>• <i>Is soil loss minimized during tillage, and are weeds appropriately managed?</i></li> </ul>	<b>LC5</b> <i>(on east side of river within agricultural field)</i>	YES	Agricultural practices appear to be appropriately confined. Crops limited to alfalfa and not cut recently. Minimal soil loss evident.		
			<b>LC6</b> <i>(on west side of river within agricultural field)</i>	YES	Agricultural practices appear to be appropriately confined. Crops limited to alfalfa and not cut recently. Minimal soil loss evident.		

Grace Dam Performance Tracking					
Date: August 28, 2011    Technician: Bryan Westerberg		Initial Performance Tracking: October 8, 2010		<input checked="checked" type="checkbox"/> Check if DFCs have been reviewed.	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA1 - Viable recreational uses are maintained and/or improved. (Also PA2, PA3, PA4, PA6, PA7, VM1, VM2, VM3, WR1, WR2, WR3, WR4)	Are established recreation areas receiving substantial use, and do these visitors have a minimal impact?  <ul style="list-style-type: none"> <li>Is there evidence of boaters taking advantage of the developed recreation site for whitewater boating at appropriate flows?</li> <li>Are soil and vegetation impacts limited to the parking area, put-in ramp, and narrow strips around roadways?</li> </ul>	GD1 (on north side of parking area east of Highway 34 bridge and south of river)	YES	Boaters did take advantage of the launch site spring and summer of 2011. Soil and vegetation impacts appear to be minimal.
	PA2 – Lands disturbed by recreation or other public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA6, VM1, VM2, VM3, WR1, WR2.)	Are upland areas formerly damaged by trespassing livestock and OHV use free of invasive plants, and is bare ground being replaced by native grasses and forbs?  <ul style="list-style-type: none"> <li>Are native plants being reestablished?</li> <li>Are weedy species reasonably sparse and being managed appropriately?</li> <li>Is the percentage of bare ground small enough to minimize soil erosion?</li> <li>Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife?</li> </ul>	GD2 (along east side of Flowline, south of river, and west of Highway 34 bridge)	YES	Area is improving, less ATV use, weeds decreasing---lots of grass

Grace Dam Performance Tracking					
Date: August 28, 2011    Technician: Bryan Westerberg		Initial Performance Tracking: October 8, 2010		<input checked="checked" type="checkbox"/> Check if DFCs have been reviewed.	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Vegetation Management</b>	VM3 - habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2.)	Are areas in uplands relatively free of weeds and composed of a healthy mix of native grasses, forbs, and shrubs? <ul style="list-style-type: none"> <li>• Are weedy species reasonably sparse and being managed appropriately?</li> <li>• Are native plants being reestablished?</li> <li>• Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife?</li> </ul>	<b>GD3</b> (south of road to recreation parking area and east of Highway 34)	YES	Area looks better, weeds were treated in 2011—native grasses being established
<b>Wetland and Riparian Habitat Management</b>	WR1 - Wetland and riparian resources, spring complexes, and the river shoreline are buffered and protected. (Also WR2, WR3, WR4.)	Are areas along waterways formerly damaged by livestock free of invasive plants, and is bare ground being replaced by native grasses and forbs? <ul style="list-style-type: none"> <li>• Are native plants being reestablished?</li> <li>• Are weedy species reasonably sparse and being managed appropriately?</li> <li>• Is there an adequate buffer of healthy riparian vegetation along the water's edge?</li> <li>• Have fences been established and are they preventing livestock trespass but not obstructing use by wildlife?</li> <li>• Are recreation users (fishers) having minimal impact on the riparian zone north of the river and west of the Highway 34 bridge?</li> </ul>	<b>GD4</b> (east of dam and north of residence near water's edge)	NO	East of residence has heavy grazing to water's edge—weeds are an issue
			<b>GD5</b> (on north side of river and midway between Highway 34 and old RR bridge)	YES	Fence built to stop trespass grazing, weed control conducted—still needed in some areas, but area is improving.



Flowline Performance Tracking					
Date: August 28, 2011 Technician: Bryan Westerberg Initial Performance Tracking: October 8, 2010					
<div style="float: right; border: 1px solid black; padding: 2px;">X</div> Check if DFCs have been reviewed.					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Public Access</b>	PA1 - Viable recreational uses are maintained and/or improved. (Also PA2, PA3, PA4, PA5, PA6, PA7, VM1, VM2, VM3)	Does public use of the 5- acre and 47-acre Upland Conservation areas have a minimal impact? <ul style="list-style-type: none"> <li>Is there evidence of hunters and others utilizing the conservation areas appropriately?</li> <li>Is there evidence of wildlife taking advantage of the available habitat?</li> <li>Are soil and vegetation impacts minimal and vegetation cover for upland birds and other species adequate?</li> </ul>	<b>FL1</b> (west edge of 5-acre triangular parcel at junction of One Mile Road and Varley Road)	YES	Little evidence of significant public use.
			<b>FL2</b> (within 47-acre triangular parcel along River Road and west of flowline)	YES	Little evidence of significant public use. Wildlife use includes scat from marmots and coyote, badger cadaver, grouse scat. Deer can be observed year round on the 47 acre parcel.
<b>Vegetation Management</b>	VM3 - habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2.)	Are areas in uplands relatively free of weeds and composed of a healthy mix of native grasses, forbs, and shrubs? <ul style="list-style-type: none"> <li>Are weedy species reasonably sparse and being managed appropriately?</li> <li>Are native plants being reestablished?</li> <li>Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife?</li> </ul>	<b>FL3</b> (in uplands west of surge tank)	NO	Looks better than previous year, still weed control issues.

Flowline Performance Tracking					
Date: August 28, 2011 Technician: Bryan Westerberg Initial Performance Tracking: October 8, 2010				<input checked="checked" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
<b>Agricultural Uses</b>	AU1 - Activities on leased land are consistent with the objectives of the Agreement, the LMP, and other resource management plans. (Also AU4.)	Are agricultural practices appropriate for the leased parcels? <ul style="list-style-type: none"> <li>• <i>Are agricultural operations limited to the area designated for agriculture?</i></li> <li>• <i>Is soil loss minimized during tillage, and are weeds appropriately managed?</i></li> </ul>	<b>FL4</b> <i>(in fields west of flowline and west of River Road)</i>	YES	<b>But musk thistle and other weeds around perimeter of agricultural fields not controlled.</b>

## **Grace Dam and Last Chance Performance Tracking Photos 2011**



**LC 1 – 28 August 2011**



**LC 2 – 28 August 2011**





**LC 3 – 28 August 2011**



**LC 4 – 28 August 2011**



**LC 5 – 28 August 2011**



**LC 6 – 28 August 2011**





**GD 1 – 28 August 2011**



**GD 2 – 28 August 2011**



**GD 3 – 28 August 2011**



**GD 4 – 28 August 2011**





**GD 5 – 28 August 2011**



**FL 1 – 28 August 2011**





**FL 2 – 28 August 2011**



**FL 3 – 28 August 2011**



**FL 4 – 28 August 2011**

# Appendix G

*Habitat Enhancement Project Monitoring*



## ECC Project Monitoring Form

**Project:** Alleman Dam Removal

**Date:**

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2010

*Remove an irrigation diversion dam on Alleman property on Georgetown Creek, exclude cattle and reclaim*

**Initial Monitor Date:**

**Project Finish Date:** 2010

**Location and Baseline Data:**

**Fence line(s) Condition:**

**Structure(s) Condition:**

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Alleman Dam Removal**

## ECC Project Monitoring Form

**Project:** Max Bunderson Irrigation  
Structure Fish Bypass

**Date:** 10-5-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2010

*Replace wooden irrigation diversion on Paris Creek with rock drop structures to allow fish passage/install fish screen*

**Initial Monitor Date:**

**Project Finish Date:** 2010

**Location and Baseline Data:**

N 42 13' 45.5"

W 111 22' 13.5"

**Fence line(s) Condition:**

**Structure(s) Condition:** Good condition, working

**Visual Water Inspection:** (quality and flow) Good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:** N/A

**Wildlife Observations:**





**Bunderson Fish Bypass**



## ECC Project Monitoring Form

**Project:** Roy Bunderson      **Date:** 9-20-11      **Observer(s):** Bryan Westerberg  
Irrigation Structure

**Project Description and Photo Point:**      **Project Start Date:** 2010  
• Install fish ladder on irrigation structure on Paris Creek

**Initial Monitor Date:**      **Project Finish Date:** 2010

**Location and Baseline Data:**

N 42 13' 30.1"

W 111 22' 28.1"

**Fence line(s) Condition:**

**Structure(s) Condition:** Good

- 

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

- Flow good/quality good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:** Lots of fish in Cottonwood Creek



**Roy Bunderson Irrigation Structure**

## ECC Project Monitoring Form

**Project:** Whiskey Creek Habitat  
Restoration

**Date:** 10-5-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2010

*Improve habitat for BCT in Whiskey Creek by narrowing channel and planting riparian vegetation*

**Initial Monitor Date:**

**Project Finish Date:** 2010

**Location and Baseline Data:**

East of Highway 34 where highway crosses Whiskey Creek

**Fence line(s) Condition:**

**Structure(s) Condition:**

**Success of Reclamation Efforts:** Looks great, area beginning to reestablish --

**Visual Water Inspection:** (quality and flow) good flow and quality

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





## **Whiskey Creek Habitat Restoration**

## ECC Project Monitoring Form

**Project:** Oneida Narrows      **Date:** 10-5-11      **Observer(s):** Bryan Westerberg  
Riparian Protection

**Project Description and Photo Point:**      **Project Start Date:** 2010  
*Exclude cattle from the Oneida Narrows boater takeout on Bear River by installing fence and providing water source*

**Initial Monitor Date:**      **Project Finish Date:** 2010

**Location and Baseline Data:**  
N 42.2125  
W 111.7807

**Fence line(s) Condition:** Fence is in good condition, buck rail fence

**Structure(s) Condition:** Alternative water source is in good working condition

**Success of Reclamation Efforts:**

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**



## **Oneida Narrows Riparian Protection**

## ECC Project Monitoring Form

**Project:** Alexander Shrub Plantings      **Date:** 10-5-11      **Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**      **Project Start Date:** 2009  
*Native shrub planting in Alexander Reservoir shoreline buffer*

**Initial Monitor Date:**      **Project Finish Date:** 2010

**Location and Baseline Data:**  
Two Locations N 42 39' 08.7" W 111 40' 19.7" N 42 38' 57.3" W 111 39' 30.7"

**Fence line(s) Condition:**

**Structure(s) Condition:**

**Success of Reclamation Efforts:** There are some shrubs at both planting locations/survival rates are low but surviving shrubs look good and vigorous

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Alexander North Planting Location**





**Alexander South Planting Location**



**North Location**





**South Location**



## ECC Project Monitoring Form

**Project:** Midnight Mtn.      **Date:** 10-5-11      **Observer(s):** Bryan Westerberg  
Fencing

**Project Description and Photo Point:**      **Project Start Date:** 2010  
*Build fencing around sensitive stream source*

**Initial Monitor Date:**      **Project Finish Date:** 2010

**Location and Baseline Data:**  
N 42 16' 37"  
W111 32' 36"

**Fence line(s) Condition:**  
Good, let down for the winter

**Structure(s) Condition:**

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Midnight Mountain**

## ECC Project Monitoring Form

**Project:** Kackley Springs Fish Trap      **Date:** 10-5-11      **Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**      **Project Start Date:** 2010  
*Design and build a structure to exclude nonnative fish from Kackley Springs*

**Initial Monitor Date:**      **Project Finish Date:** 2010

**Location and Baseline Data:**  
N 42 .5225  
W 111. 796

**Fence line(s) Condition:**

**Structure(s) Condition:** Good condition

**Success of Reclamation Efforts:**

**Visual Water Inspection:** (quality and flow) flow good, quality good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Kackley Springs Fish Trap**

## ECC Project Monitoring Form

**Project:** Kackley Springs Reroute

**Date:** 10-5-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2009

*Redirect current spring flow to a longer route through Kackley property. Remove dikes and other water control structures*

**Initial Monitor Date:**

**Project Finish Date:** 2010

**Location and Baseline Data:**

**Fence line(s) Condition:**

**Structure(s) Condition:**

**Success of Reclamation Efforts:** Looks great, grasses reestablishing, native veg good

**Visual Water Inspection: (quality and flow)**

Flow is good, quality good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





## **Kackley Springs Reroute**

## ECC Project Monitoring Form

**Project:** Aquatic Nuisance signs

**Date:** 10-6-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2009

*Install interpretive signage at high use boating and fishing areas warning of aquatic nuisance species*

**Initial Monitor Date:**

**Project Finish Date:** 2009

**Location and Baseline Data:**

PacifiCorp boating ramps and rec sites along the Bear River

**Fence line(s) Condition:**

**Structure(s) Condition:**

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:** Signs good, present

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





## ECC Project Monitoring Form

**Project:** Keetch Fish Screen

**Date:** 10-8-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2005

*Convert 198 acres of cropland from flood irrigation to sprinkler. Pumping plant and water control system and screen*

**Initial Monitor Date:**

**Project Finish Date:** 2008

**Location and Baseline Data:**

W-111.2884      N42.2517

**Fence line(s) Condition:**

**Structure(s) Condition:** Pumping plant and screen good condition

**Success of Reclamation Efforts:**

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Keetch Fish Screen**



## ECC Project Monitoring Form

**Project:** Bailey Creek Fencing

**Date:** 10-8-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2010

*Build 500 ft of riparian fence at the headwaters of Bailey Creek*

**Initial Monitor Date:**

**Project Finish Date:** 2010

**Location and Baseline Data:**

W-111.6003

N42.5595

**Fence line(s) Condition:**

**Structure(s) Condition:** Pumping plant and screen good condition

**Success of Reclamation Efforts:**

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**



**Bailey Creek Fencing**

## ECC Project Monitoring Form

**Project:** Battle and Mink Creek

**Date:** 10-8-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2010

Relocate six corrals from the Battle and Mink Creek watersheds

**Initial Monitor Date:**

**Project Finish Date:** 2010

**Location and Baseline Data:**

N 42° 12' 18.3"

W111° 45' 35.6"

**Fence line(s) Condition:**

**Structure(s) Condition:** good condition

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Battle and Mink Creek**

## ECC Project Monitoring Form

**Project:** Bailey Creek Culvert      **Date:**10-6-11      **Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**      **Project Start Date:**2007

- Culvert replacement to remove aquatic barrier

**Initial Monitor Date:**      **Project Finish Date:**2008/ Lower culvert not complete

**Location and Baseline Data:**

- Bailey Creek Road

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Structure in good condition, bridge good condition

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

- Flow is good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Bailey Creek Culvert**

## ECC Project Monitoring Form

**Project:** Laurie Harris Spring

**Date:** 10-6-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2007

- Winter feedlot relocation-alternate water source-stream reclamation-grazing removal

**Initial Monitor Date:**

**Project Finish Date:** 2008

**Location and Baseline Data:**

- Laurie Harris, 667 Gentile Road, Grace, Idaho

**Fence line(s) Condition:**

- Good working condition

**Structure(s) Condition:** (diversions, fish screens, buildings)

**Vegetation and Success of Reclamation Efforts:**

- Vegetation looks good/Willows planted fall 2009/Willows growing

**Visual Water Inspection:** (quality and flow)

- Water quality improving

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:** Fox





**Laurie Harris**

## ECC Project Monitoring Form

**Project:** Trout Creek Restoration      **Date:**10-6-11      **Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**      **Project Start Date:** 2007  
• Reclamation of Trout Creek

**Initial Monitor Date:**      **Project Finish Date:** 2008

**Location and Baseline Data:**

-111.7019      42.4596

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

**Vegetation and Success of Reclamation Efforts:**

- Vegetation in good condition

**Visual Water Inspection: (quality and flow)**

- Quality good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**

- Lots of fish in Trout Creek



**Trout Creek**

## ECC Project Monitoring Form

**Project:** Whiskey Creek      **Date:** 10-6-11      **Observer(s):** Bryan Westerberg/Mark Stenberg

**Project Description and Photo Point:**      **Project Start Date:** 2008  
• Stream reclamation /reroute channel

**Initial Monitor Date:**      **Project Finish Date:** 2009

**Location and Baseline Data:**

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**  
Good condition

**Success of Reclamation Efforts:**  
Good condition

**Visual Water Inspection: (quality and flow)**  
good

**Road and /or Trail Condition:**  
Good

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Whiskey Creek**

## ECC Project Monitoring Form

**Project:** Bunderson      **Date:** 10-9-11      **Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**      **Project Start Date:** 2007  
• Move calving barn/fence stream bank

**Initial Monitor Date:**      **Project Finish Date:** 2008

**Location and Baseline Data:**  
• N42 .2304 W111 .3673

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**  
• Barn and fence good condition

**Vegetation and Success of Reclamation Efforts:**  
• Vegetation recovering

**Visual Water Inspection: (quality and flow)**  
• Quality good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Bunderson Barn**



**Bunderson Fence**



## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #1

**Date:**10-9-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Realign trail 332 out of Riparian area

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/ 8 Mile Canyon

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

**Success of Reclamation Efforts:**

- Old trail not marked, “no travel sign” not present, travel still continuing

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

- New trail looks good-old trail still being traveled needs signage

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #1**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #2

**Date:**10-14-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Close/Obliterate road out of riparian area

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/ 8 Mile Canyon

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Road still closed/no use

**Success of Reclamation Efforts:**

- Good/Protected area recovering

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #2**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #3

**Date:**10-13-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Boulder placement to stop camping/ATV use in riparian area

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/8 Mile Canyon

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Boulders still in place

**Success of Reclamation Efforts:**

- Good condition/protected area recovering

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #3**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #4

**Date:**10-13-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Close/Obliterate Road

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/8 Mile Canyon

**Fence line(s) Condition:**

**Structure(s) Condition:** (diversions, fish screens, buildings)

**Vegetation and Success of Reclamation Efforts:**

- Old road is reclaiming well/good condition

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #4**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #5

**Date:**10-13-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Two bridges on Trail #317

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/8 Mile Canyon Road

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Bridges in good working order

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #5**

**Bridge #1**





**Eight Mile Canyon #5**

**Bridge #2**



## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #6

**Date:**10-14-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

- Close 0.6 mile user define route

**Project Start Date:**2007

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/8 Mile Canyon Road

**Fence line(s) Condition:**

**Structure(s) Condition:** (diversions, fish screens, buildings)

**Success of Reclamation Efforts:**

Closed, looks good

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #6**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #7

**Date:**10-14-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Close 0.3 miles user defined route

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

- Caribou National Forest/8 Mile Canyon Road

**Fence line(s) Condition:**

**Structure(s) Condition:** (diversions, fish screens, buildings)

**Success of Reclamation Efforts:** Closed, good condition

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #7**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #8

**Date:**10-14-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Eight Mile Canyon/Caribou National Forest

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Road still closed

**Success of Reclamation Efforts:**

- Good condition

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #8**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #9

**Date:**10-14-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

- Close/Obliterate trail

**Project Start Date:**2007

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

**Fence line(s) Condition:**

**Structure(s) Condition:** (diversions, fish screens, buildings)

**Success of Reclamation Efforts:**

- Good overall condition

**Visual Water Inspection:** (quality and flow)

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Eight Mile Canyon #9**

## ECC Project Monitoring Form

**Project:** Eight Mile Canyon #10

**Date:**10-14-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:**2007

- Boulders placed at two campsites to define camp area, restrict ATV access to riparian

**Initial Monitor Date:**

**Project Finish Date:**2008

**Location and Baseline Data:**

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Boulders still present, vegetation looks good, some camping taking place far end

**Success of Reclamation Efforts:**

Good

**Visual Water Inspection: (quality and flow)**

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**





**Eight Mile Canyon #10**

## ECC Project Monitoring Form

**Project:** Nounan Road Crossing  
of Skinner Creek

**Date:** 9-21-11

**Observer(s):** Bryan Westerberg

**Project Description and Photo Point:**

**Project Start Date:** 2006

- Culvert Replacement and stream reclamation

**Initial Monitor Date:**

**Project Finish Date:** 2008

**Location and Baseline Data:**

- Skinner Road, Montpelier, Idaho

**Fence line(s) Condition:**

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Good condition, there is a lot of silt buildup under the bridge from big runoff year

**Success of Reclamation Efforts:**

**Visual Water Inspection: (quality and flow)**

- Quality good

**Road and /or Trail Condition:**

**Signage:**

**Agricultural Uses:**

**Problems or trespass, and any necessary corrective actions:**

**Wildlife Observations:**





**Nounan Road Crossing**

## ECC Project Monitoring Form

Cottonwood Creek

**Project:** Cottonwood Screen

**Date:** 8-25-11

**Observer(s):** IDFG

**Project Description and Photo Point:**

**Project Start Date:**

- Irrigation screen to prevent fish entrainment

**Initial Monitor Date:**

**Project Finish Date:**

**Location and Baseline Data:**

- NAD83 : 436234 4686935

**Water wheel driven single drum**

**Fence line(s) Condition:**

N/A

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Tree fell on water wheel and bent it, but it seems to be operating fine. When water flows get low water wheel won't turn

**Success of Reclamation Efforts:**

N/A

**Visual Water Inspection: (quality and flow)**

N/A

**Road and /or Trail Condition:**

N/A

**Signage:**

N/A

**Agricultural Uses:**

N/A

**Problems or trespass, and any necessary corrective actions:**

N/A

**Wildlife Observations:**

## ECC Project Monitoring Form

Cub River

**Project:** Albert Moser Screen

**Date:** 8-25-11

**Observer(s):** IDFG

**Project Description and Photo Point:**

**Project Start Date:**

- Irrigation screen to limit fish entrainment

**Initial Monitor Date:**

**Project Finish Date:**

**Location and Baseline Data:**

- NAD83 : 12T 0442563 4665374

**Two water wheels and four drum screens**

**Fence line(s) Condition:**

N/A

**Structure(s) Condition: (diversions, fish screens, buildings)**

- Good

**Success of Reclamation Efforts:**

N/A

**Visual Water Inspection: (quality and flow)**

N/A

**Road and /or Trail Condition:**

N/A

**Signage:**

N/A

**Agricultural Uses:**

N/A

**Problems or trespass, and any necessary corrective actions:**

Modify headgate structure to limit gravel transport into the screen structures.

**Wildlife Observations:**

ECC Project Monitoring Form		
		Cub River
Project: Sharp Fish Screen	Date: 8-25-11	Observer(s): IDFG
Project Description and Photo Point:		Project Start Date:
<ul style="list-style-type: none"> <li>Irrigation screen to limit fish entrainment</li> </ul>		
Initial Monitor Date:	Project Finish Date:	
Location and Baseline Data:		
<ul style="list-style-type: none"> <li>NAD83 : 12T 439748 4661532</li> </ul>		
Four electric powered drums		
Fence line(s) Condition:		
N/A		
Structure(s) Condition: (diversions, fish screens, buildings)		
<ul style="list-style-type: none"> <li>Good</li> </ul>		
Success of Reclamation Efforts:		
N/A		
Visual Water Inspection: (quality and flow)		
N/A		
Road and /or Trail Condition:		
N/A		
Signage:		
N/A		
Agricultural Uses:		
N/A		
Problems or trespass, and any necessary corrective actions:		
Circuit breakers into power shed are overloaded occasionally.		
Wildlife Observations:		



# ECC Project Monitoring Form

Cub River

Project: Knapp Fish Screen Date: 8-25-11 Observer(s): IDFG

Project Description and Photo Point: Project Start Date:

- Irrigation screen to limit fish entrainment

Initial Monitor Date: Project Finish Date:

Location and Baseline Data:

- NAD83 : 436740 4657563

Two electric powered drums

Fence line(s) Condition:

N/A

Structure(s) Condition: (diversions, fish screens, buildings)

- Good

Success of Reclamation Efforts:

N/A

Visual Water Inspection: (quality and flow)

N/A

Road and /or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

N/A

Wildlife Observations:

# Appendix H

*2012 Implementation Schedule*



<b>Table H-1. Bear River Hydroelectric Project - 2012 Implementation Schedule</b>						
<b>License Article</b>	<b>Action</b>	<b>Deliverable</b>	<b>Start Date</b>	<b>End Date</b>	<b>Next Deliverable Date</b>	<b>Comments</b>
Art. 401	2011 Annual Report	Report in consultation with ECC	1-Jan-05	22-Dec-33	31-March-12	Includes results of studies/monitoring, description of anticipated activities, report of funding accounts, and compliance with operational requirements. Draft report to ECC for 30 day review prior to FERC submittal.
Art. 402	ECC participation/oversight	1 FTE and normal administration	1-Jan-05	22-Dec-33	Ongoing	Provide admin support, point of contact for ECC, some grant writing, attempt to identify willing landowners, apply for permits as necessary for actions; annual report and grant fund administration.
Art. 403	Bonneville Cutthroat Trout (BCT) Restoration Plan	Restoration Plan in Consultation with ECC	1-Jan-07	1-Nov-08	23-Dec-08	This project was completed in 2008.
Art. 403	Genetic Sampling Study	Bonneville Cutthroat Trout genetic data collection and analysis	1-Sep-04	22-Dec-11	1-Sep-07	This project was completed in 2007.
Art. 403	Aerial Photography	Thermal images of Bear River	1-Jun-05	22-Dec-11	27-Jan-07	This project was completed in 2007.
Art. 403	Telemetry Study	Bonneville Cutthroat Trout Telemetry Report	1-May-05	22-Dec-11	11-Feb-09	This project was completed in 2009.
Art. 403	Broodstock Development	Develop a Bonneville cutthroat trout broodstock at the Grace Hatchery in Grace Idaho.	22-Dec-08	22-Dec-10	22-Dec-10	This project was completed in 2010.
Art. 404	Conservation Hatchery Program	Fund Bonneville cutthroat trout hatchery operations	22-Dec-10	22-Dec-33	22-Dec-12	\$100K/yr, for remaining term of license; funds may also be used for habitat restoration, land & water, or fish passage; may carry over to subsequent years.

**Table H-1. Bear River Hydroelectric Project - 2012 Implementation Schedule**

<b>License Article</b>	<b>Action</b>	<b>Deliverable</b>	<b>Start Date</b>	<b>End Date</b>	<b>Next Deliverable Date</b>	<b>Comments</b>
Art. 405	Habitat Restoration Program	Funding for habitat and water quality enhancements	22-Dec-04	22-Dec-33	22-Dec-12	\$167K/yr; funds may also be used for land and water acquisition or fish passage; may carry over to subsequent years. 2012 grant cycle begins with project review on 3/21/12
Art. 406	Land and Water Acquisition Program	Funding for purchase of conservation easements and land and water acquisition	22-Dec-04	22-Dec-33	22-Dec-12	\$300K/yr; funds may also be used for habitat restoration or fish passage; may carry over to subsequent years. Funds may only be used for habitat restoration on lands acquired under this fund or for fish passage if it is for one of the PacifiCorp facilities and fish passage is prescribed by USFWS. Ongoing 2012 grant cycle throughout year.
Art. 407	Monitoring in Black Canyon	Funding for surveys, studies, reports, six year study term	1-Apr-05	1-Apr-11	2-May-11	This project was completed in 2011.
Art. 408 (replaced by Cove Decommissioning Order)	Implement minimum flows	Documented annually to the FERC	2-Dec-05	22-Dec-33	1-March-12	Soda - 150 cfs downstream; Grace - 65 cfs; Oneida - 251 cfs downstream.
Art. 408	Maintenance schedule consultation	Documented annually to the FERC	1-Apr-04	22-Dec-33	1-April-12	Consult annually with ECC to minimize drawdowns and coordinate maintenance activities; consult with ECC in emergencies if practicable.
Art. 409	Fish Stranding Minimization Plan	Documentation of plan compliance in Annual Report.	30-Sept-04	22-Dec-33	Suspended	PacifiCorp filed a report of boater flow discussions with FERC on January 31, 2012 that included a recommendation from the ECC to continue suspension of Art. 409.
Art. 410	Kackley Springs	Implement flow redirection plan.	22-Dec-08	22-Dec-09	22-Dec-09	This project was completed in 2009.

**Table H-1. Bear River Hydroelectric Project - 2012 Implementation Schedule**

<b>License Article</b>	<b>Action</b>	<b>Deliverable</b>	<b>Start Date</b>	<b>End Date</b>	<b>Next Deliverable Date</b>	<b>Comments</b>
Art. 412	Implement ramp rates	Documented annually to the FERC.	22-Dec-04	22-Dec-33	Ongoing	Soda - 1.2 ft/hr, ascending and descending measured at USGS gage 10079500; Oneida - 2.0 ft/15 min on the descending arm at USGS gage 10086500. PacifiCorp submitted on January 31, 2012 a report of boater flow discussions to FERC that included an ECC recommendation to use a down ramp rate following boater flows of 1 FT/HR.
Art. 413	Water quality monitoring and reporting	Bear River Project 401 Clean Water Act Certification.	1-May-04	30-Sep-09	1-Mar-09	IDEQ accepted the Oneida water quality study and supplemental analysis as indicating no significant project contributions to exceedances of water quality criteria. This project was completed in 2009.
Art. 415	Operations and Compliance Plan Implementation	Documented annually to the FERC	22-Dec-04	22-Dec-33	Ongoing	On-going; provides proper functioning equipment used to meet minimum flow and ramping requirements, reporting requirements, and reasonable tolerances.
Art. 415	Operations and Compliance Plan	Document changes/updates	1- Oct-05	28-Feb-06	30-June-12	Provide updated procedures for calibrating equipment and releasing instream flows. Updated plan will be submitted to FERC ion 2012 after ECC review.
Art. 416	Oneida campground funding	Reimbursement to BLM	1-May-05	22-Dec-33	1-Oct-12	Annual \$10K reimbursement to BLM upon invoice; funds do not carry over.
Art. 416	Maintain recreation sites	Maintain constructed facilities	1-May-05	22-Dec-33	Ongoing	Maintain sites as described in Recreation and Traffic Safety Plan and Site Management Plans.
Art 416	Assistance to Caribou County	Check to County	1-May-05	22-Dec-33	1-Oct-12	Annual \$3K reimbursement to county; does not carry over.



<b>Table H-1. Bear River Hydroelectric Project - 2012 Implementation Schedule</b>						
<b>License Article</b>	<b>Action</b>	<b>Deliverable</b>	<b>Start Date</b>	<b>End Date</b>	<b>Next Deliverable Date</b>	<b>Comments</b>
Art. 417	Maintain signs along Oneida road	Review, repair and replace signs as needed.	1-May-05	22-Dec-33	15-May-12	Annually replace or repair traffic signs along the Oneida road (\$1K).
Art. 417	Oneida Road Improvements	Complete Road Work	1-Aug-06	1-Jul-07	1-Oct-08	This project was completed in 2008.
Art. 417	Law enforcement	Check to Franklin County Sherriff's Department	1-May-05	22-Dec-33	1-Oct-12	Annual \$3K funding to law enforcement agency and use of company's radio frequency, does not carry over.
Art. 417	Dust abatement	Dust Abatement	1-May-05	22-Dec-33	Summer-12	Twice annually, on the Oneida Project road 100 ft. on either side of Maple Grove and Redpoint Campgrounds.
Art. 418	Grace Spill Gate	Gates installed and functioning	1-Apr-06	22-Dec-33	1-Oct-08	This project was completed in 2008.
Art.419	Whitewater flows in Black Canyon	Documentation in Annual Report	1-May-05	22-Dec-33	1-Mar-12	Report on whitewater releases based on available water; Years 2-4, "Opportunistic Releases" only; Years 5-7, "Scheduled Releases; Years 8-License term, TBD based on the results of monitoring of Black Canyon.
401 Cert.	Oneida Operations Report	Annual Report to IDEQ	30-Nov-05	30-Nov-33	30-Nov-12	Record of water releases for power, irrigation, or flood control. Submit to IDEQ
Art. 420	Boatable flows in Oneida reach	Documentation in annual report	1-May-05	22-Dec-33	Ongoing	With available water, target is 900 cfs below powerhouse between Memorial Day and Labor Day.
Art. 421	Black Canyon Boatable flows release schedule	Flow Forecasting Plan in consultation with ECC	5-Mar-08	22-Dec-33	Ongoing	This plan is complete. Implementation of plan is ongoing to end of license. Starting in 2012, all releases will be scheduled between April 1 and June 5.

**Table H-1. Bear River Hydroelectric Project - 2012 Implementation Schedule**

<b>License Article</b>	<b>Action</b>	<b>Deliverable</b>	<b>Start Date</b>	<b>End Date</b>	<b>Next Deliverable Date</b>	<b>Comments</b>
Art. 422	Flow Phone and website	Maintain website, flow phone and prepare annual schedule of whitewater flows.	1-May-05	22-Dec-33	Ongoing	Website will present whitewater calendar dates; flows for current and prior 6 days in hourly averages, and 7-day forecast; gages linked to Flow Phone (daily) and website (4-hr intervals). Whitewater release calendar posting will be reported on website.
Art. 423	Protect historical resources	Continue to implement Interpretation and Education Plan and annual site monitoring.	2-Jan-05	22-Dec-33	January 22, 2012	FERC Order approving HPMP was received in 2008. Implementation of plan to be reported annually to FERC prior to January 22 of each year.
Art. 424 and 425	Land Management	Land Management Plan and Site Plan implementation. Monitoring of all lands and noxious weed control. Finish removal of interior fences.	2-Jan-05	22-Dec-33	Ongoing	Site Plans developed in consultation with the ECC; buffer zone management through modified leases. Maintenance of exclusion fences, treatment of noxious weeds and monitoring of user or trespass impacts. Updated LMP submitted to FERC in 2012. 2012 will also update Oneida and Grace/Cove site plans.
Art. 426	Fencing in Cove bypass	Fences	1-Apr-05	22-Dec-33	Initial construction complete (Maintenance on-going).	Fencing of selected riparian areas in Cove bypass reach, while allowing landowners to exercise stock watering rights. This project is complete. Maintenance of fences to be completed by PacifiCorp through life of license.
Art. 428	Interests in project lands	Report to FERC	22-Dec-04	22-Dec-33	31-Jan-11	Annually file with FERC a report of any easement or rights of ways granted in the previous year no later than January 31. 60 days before conveying any interest in project lands a letter must be submitted to FERC.
Art. 429	Report on Cove Decommissioning Expenses	Report to ECC and FERC	5/1/2006	3/31/2007	Complete	The requirement was completed in 2007.

