
Bear River Hydroelectric Project

FERC Project No. 20



2010 Annual Report

Summary of License Implementation and Compliance



On the cover: In 2010, an upstream migration barrier and a fish sorting trap were installed at Kackley Springs. This structure was installed using habitat enhancement funds to support the reintroduction of Bonneville cutthroat trout in the reconnected Kackley Springs complex. Bonneville cutthroat trout from the license-funded broodstock program will be stocked above the trap in 2011 after removal of non-native fish from the complex.

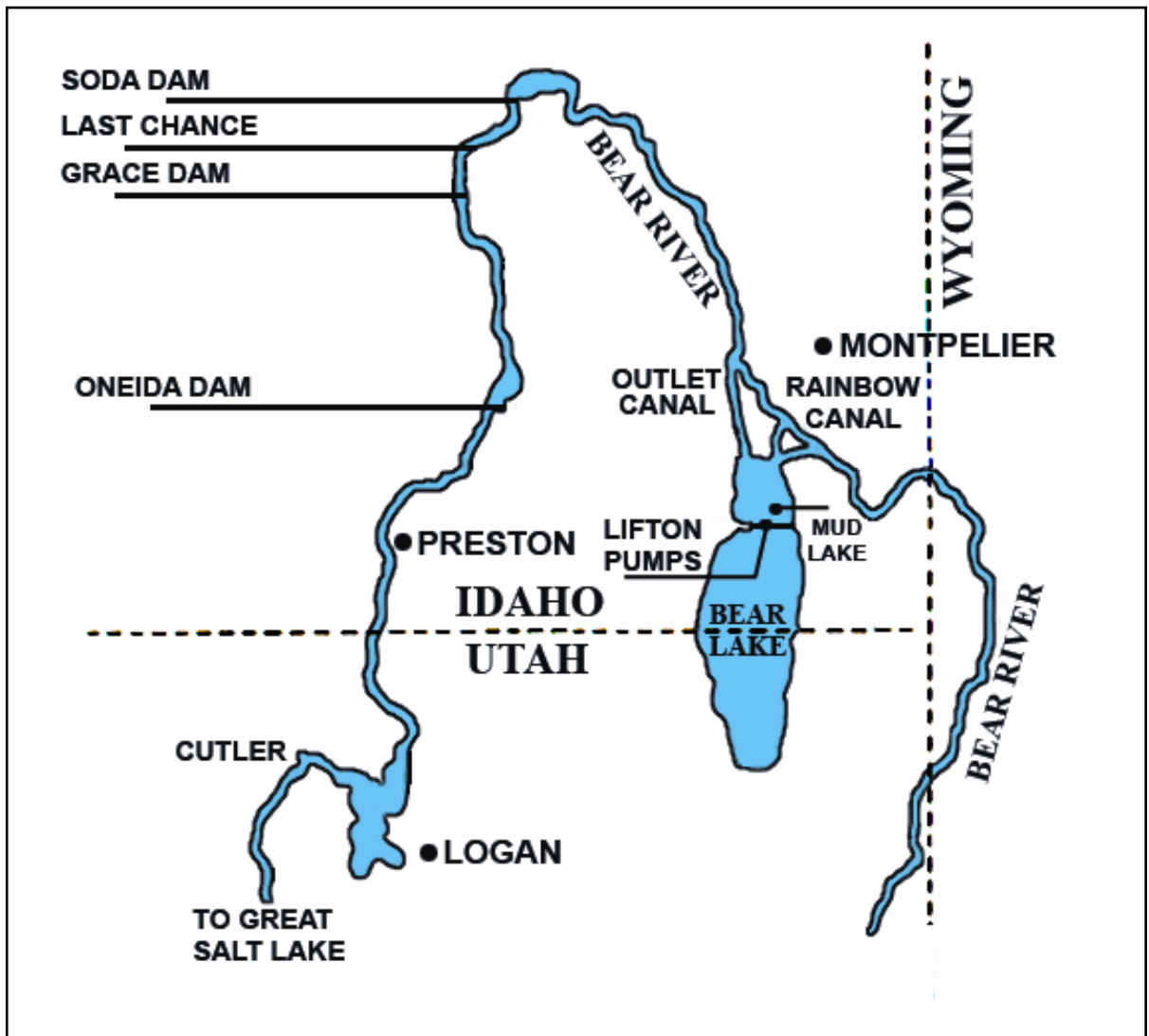
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The Bear River Hydroelectric Project is located in southeastern Idaho and includes facilities owned and operated by PacifiCorp Energy at Soda, Grace and Oneida.

Bear River Hydroelectric Project 2010 Annual Report

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 2010.

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.

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 2010 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 Compliance Monitoring and Performance Tracking
- Appendix G: 2011 Implementation Schedule

1.4 Reports and Studies Completed in 2010

The following reports and studies were completed during the 2010 reporting period and have been submitted along with this annual report to the FERC:

- 2009 Black Canyon Monitoring Report
- Final Black Canyon Boater Program Ramp Rate Report
- Final Boater Flow Water Quality Report
- Oneida Development Water Year 2010 Operations Report
- Grace Dam and Last Chance Site Plan



Figure 1. Deep Creek Preserve in Franklin County, acquired with funds from the license-required Land and Water Conservation Fund.

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 2010 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 makes 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 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 2010 reporting period, the ECC met six 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. Formal ground rules established and adopted by the ECC provided the functional framework for this collaborative work. ECC member participation in the meetings during 2010 is shown in Table 2-1.

Table 2-1. ECC Member Meeting Participation during 2010.							
ECC Member	Affiliation	ECC Meeting Date					
		2/17	4/28	6/16	8/18	10/20	12/08
Blaine Newman Arn Berglund, Alternate	Bureau of Land Management	x	x	x	x		
Katie Strong Marv Hoyt, Alternate	Greater Yellowstone Coalition		x	x	x		x
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United						
David Teuscher Arnie Brimmer, Alternate	Idaho Department of Fish and Game	x	x	x	x	x	x
Rick Just Kirk Rich, Alternate	Idaho Department of Parks and Recreation	x	x				
Cary Myler	U.S. Fish and Wildlife Service		x	x	x		x
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	x	x		x	x	x
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes						
Jim Capurso Corey Lyman, Alternate	USDA-Forest Service	x	x				x
Warren Colyer Kirk Dahle, Alternate	Trout Unlimited	x	x	x		x	x
Lynn Van Every Greg Mladenka, Alternate	Idaho Department of Environmental Quality	x	x	x	x	x	x
Susan Rosebrough Dan Miller, Alternate	National Park Service						
Mark Stenberg Eve Davies, Alternate	PacifiCorp	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 – February 17, 2010

- Heard updates on the Oneida Fish Passage Proposal, the draft ECC funding policy for streambank stabilization projects, the proposed Bear River Narrows dam (Twin Lakes), the 2009 Bear River Hydroelectric Project Annual Report, current grant projects funded by the ECC, and conservation action planning on the Bear River.
- Discussed 2010 habitat enhancement project proposals. Assigned project sponsors and scheduled review process.
- Continued discussion of water rights purchases by the ECC.
- Continued discussion of 2011 whitewater boater flows. Agreed to continue with 16 flow-dependent whitewater boater flow releases during 2011. A downramp rate of 0.5 ft per hour will be used.
- Discussed future monitoring of ECC-funded projects.
- Heard a report of current land and water acquisition fund projects from Sagebrush Steppe Regional Land Trust.

Funding Proposal Subcommittee Meeting – March 17, 2010

- Reviewed and ranked 2010 grant proposals.

ECC Meeting #2 – April 28, 2010

- Heard updates on current grant projects and the ECC's funding policy for streambank stabilization projects.
- Reviewed and approved 2010 habitat enhancement grant projects as recommended by the subcommittee and approved by PacifiCorp.
- Reviewed and approved a press release for the Oneida Fish Passage project.
- Heard a report of current land and water acquisition fund projects from Sagebrush Steppe Regional Land Trust.

- Awarded land and water acquisition funding in the amount of \$290,000 to place a conservation easement on two parcels in Mink Creek. As a condition, the proponent must include an easement on the entire length of Mink Creek, with minimum width to average 100 feet each side from the streambank. The ECC will assist in funding approved agricultural best management practices through available habitat enhancement funds.
- Took part in a field review of the Kackley Springs habitat enhancement project.

ECC Meeting #3 – June 16, 2010

- Heard updates on current grant projects and the ECC's funding policy for streambank stabilization projects.
- Heard a report on Bonneville cutthroat trout broodstock development from IDFG.
- Reviewed contractor qualifications and proposals for design of fish passage at Oneida dam.
- Approved an expenditure of \$20,000 from habitat enhancement funds to design and build a structure to exclude non-native fish from Kackley Springs.
- Heard details of a study of the invasive species New Zealand mud snail from Jackson Gross, USGS Rocky Mountain Science Center.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Regional Land Trust, including draft management plans for Mink Creek and Deep Creek.
- Approved an expenditure of \$25,000 from land and water acquisition funds to assist with funding Sagebrush Steppe Regional Land Trust's executive director position.
- Took part in a field review of the Whiskey Creek habitat enhancement project, the spawning channel at Clegg's fish ponds, and IDFG's Grace Hatchery.

ECC Meeting #4 – August 18, 2010

- Heard updates on current grant projects and the ECC's funding policy for streambank stabilization projects.

- Heard a proposal for a new habitat enhancement project, the Smith-Bosen diversion relocation and piping project.
- Reviewed the scope of work for the Oneida Fish Passage Project.
- Reviewed the results of the 3-year Black Canyon Fish Stranding Study and discussed the need for statistical analysis.
- Heard reports on 2010 boater flow water quality data and IDEQ's compilation of whitewater boater flow turbidity data.
- Heard an update on a proposed study of New Zealand mud snail in the Black Canyon.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Regional Land Trust.
- Took part in a field review of the Deep Creek property.

ECC Meeting #5 – October 20, 2010

- Heard updates on current grant projects, contractor selection for the Oneida Fish Passage project, and IDFG's Bonneville cutthroat trout broodstock program.
- Heard habitat enhancement project proposals for additional New Zealand mud snail studies by USGS, a stream improvement project on Mink Creek, and potential purchase of a fish screen formerly in place at Liberty.
- Continued discussions of whitewater boater flows, including decisions pending in 2011, an update from IDEQ on the regulatory context of boater flow water quality exceedance, fish stranding study analysis, and potential integration of boater flow study results.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Regional Land Trust.
- Reviewed the land trust's revised acquisition process.
- Took part in a field review of Kackley Springs.

ECC Meeting #6 – December 8, 2010

- Heard updates on current grant projects and grant fund balances.

- Approved \$3,500 in habitat enhancement funds for maintenance of fish screens on the Cub River and Cottonwood Creek, as proposed by Trout Unlimited.
- Heard a request for funding for cloud seeding from Franklin County Soil and Water Conservation District.
- Approved the ECC's funding policy for streambank stabilization projects.
- Reviewed the ECC's 2011 calendar, the 2011 boater flow calendar, and funding subcommittee membership.
- Discussed the whitewater boater flow process and the water quality and fish stranding studies.
- Reviewed fish passage criteria with design consultant for the Oneida Fish Passage project.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Regional Land Trust.
- Reviewed and provided comments on the land trust memorandum of agreement process.

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 2010:

- Approved fee acquisition of the Deep Creek property (March 2, 2010).
- Approved the final purchase and sale agreement for the Deep Creek property (May 7, 2010).
- Approved an expenditure of \$1020.20 from habitat enhancement funds for a consultant to visit Kackley Springs and provide recommendations on the new channel (May 12, 2010).
- Approved the purchase and sale agreement and conservation easement documents for the upper and lower Mink Creek conservation easements (August 3, 2010).
- Increased the budget for construction and installation of a structure to exclude non-native fish from Kackley Springs by \$13,500 (October 12, 2010).

- Awarded a contract to R2 Consultants to prepare a conceptual design report for a fish passage structure at PacifiCorp's Oneida project (October 25, 2010).
- Approved reimbursement to Sagebrush Steppe Regional Land Trust in the amount of \$9,206.44 for annual monitoring and management costs of conservation easements and fee title properties acquired through the land and water acquisition fund (December 17, 2010).
- Increased the budget for construction and installation of a structure to exclude non-native fish from Kackley Springs by \$2,415.20 (December 21, 2010)

3.0 Accomplishments

This section presents the actions taken during 2010 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 2011 Implementation Schedule is included in Appendix G 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 2010. A description of funding amounts deposited and disbursed during 2010 is provided in Section 4.0 - Funding.

Table 3.1-1 Accomplishments During the 2010 Report Period			
License Article	Accomplishments 2010	Comments	Future Plans 2011
401	2009 Annual Report was filed with FERC.	Annual Report preparation and filing. To include studies and reports completed along with accounting for funds.	2010 Annual Report filed before March 1, 2011
402	Environmental Coordination Committee meetings conducted on February 17, March 17 (Grant Fund Subcommittee), April 28, June 16, August 18, October 20, and December 8, 2010.	ECC meetings were facilitated by PacifiCorp.	Meetings are expected to continue on approximately a bi-monthly schedule through 2011. Additional meetings have been scheduled in the fall to discuss the results of the Black Canyon boater flow studies and the future of the boater program. 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.	See Section 3.1.1, Article 403 of this report for accomplishments under this program.	This license article is complete.
404	No action	An updated Conservation Hatchery Agreement will be prepared with IDFG in 2011.	Conservation Hatchery Program will commence on December 22, 2011. First conservation hatchery payment will be made in 2011 or 2012.
405	Funding requests were rated and ranked by subcommittee at a March 17 meeting and approved by the ECC at the April 28, June 16, and December 8 meetings and by email votes on May 12, October 12, and December 21.	Twelve habitat enhancement projects were funded during 2010: Alleman Dam Removal Bunderson, Roy Fish Passage and Screen Bunderson, Max Fish Ladder Whiskey Creek Restoration Georgetown Fish Ladder Screen Tender Oneida Narrows Riparian Protection Alexander Shrub Planting Cub River Fish Tracking Kackley Springs Fish Trap/Barrier	Subcommittee is scheduled to evaluate new projects March 16, 2011, and will present recommendations to the ECC at its April 20, 2011 meeting.

Table 3.1-1 Accomplishments During the 2010 Report Period			
License Article	Accomplishments 2010	Comments	Future Plans 2011
		Kackley Springs Consultation Cub and Cottonwood Creek Fish Screen Maintenance.	
406	Following ECC approval, Sagebrush Steppe Regional Land Trust closed a 433-acre land purchase in Franklin County, Idaho. The property protects important upland habitat and portions of Deep Creek, a tributary to Cub River.	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 2011.
407	Sixth and final year of Black Canyon monitoring was completed in October 2010. Consultant submitted 2009 Black Canyon Monitoring results.	The 2009 Black Canyon Monitoring Report, Boater Flow Water Quality Report and Boater Flow Ramp Rate Report are submitted with this report	Final Report of Black Canyon Monitoring will be received in May of 2011 and the ECC will discuss it in the fall of 2011 along with Boater Flow Water Quality Study and Boater Flow Ramp Rate Study.
408	Notification of annual maintenance activities and timeframes were given to the ECC by the Environmental Coordinator on March 8, March 11, June 14, June 30, August 25, and September 20, 2010. In 2010, PacifiCorp replaced the low level release valve in Soda Dam with a new valve that will provide increased ability to reliably deliver the required minimum stream flow below Soda Dam	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. In 2011 PacifiCorp will be installing 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. Annual maintenance schedule to be given to ECC before March of 2011.

Table 3.1-1 Accomplishments During the 2010 Report Period			
License Article	Accomplishments 2010	Comments	Future Plans 2011
409	Boater Flow Ramp Rate Study was completed.	Fish Stranding Minimization Plan	<p>A letter was received from FERC granting PacifiCorp's request to suspend Art. 409 until the completion of the Black Canyon Boater Program Ramp Rate Study. At that time, the need to implement, change or request removal of Art. 409 from the license will be discussed with the ECC and a recommendation made to FERC.</p> <p>The final Black Canyon Boater Program Ramp Rate Study is being submitted to FERC along with this annual report. No recommendations will be made by the ECC based on this study and the other two boater flow studies until the fall of 2011.</p>
410	Noxious weed control activities were performed and additional shrub plantings completed.	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.
411	No new action	Dam Leakage Minimization Plan	On-going annual measurement in compliance with license.
412	<p>Implement ramping rate limitations.</p> <p>No exceedances were observed or reported during 2010. No temporary suspensions were requested in 2010.</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>Ramping rate limitations are being followed at Grace, Soda, and Oneida.</p> <p>Black Canyon Boater Program Ramp Rate Study Year 3 Report is submitted to FERC along with this annual report.</p>	<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 March of 2010.</p>

Table 3.1-1 Accomplishments During the 2010 Report Period			
License Article	Accomplishments 2010	Comments	Future Plans 2011
413	On-going.	2010 boater flow water quality measurements were compiled in a final report with the 2008 and 2009 results. The final Boater Flow Water Quality Report is submitted with this report.	Exceedances of State Water Quality Criteria during boater flow events will be discussed in the fall of 2011.
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 2011. 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"> • Park maintenance payment was made to Caribou County for 2010 funding. • Law enforcement payment was made to Franklin County for 2010 funding. • Dust abatement applications were made around the campgrounds and day-use area. • Oneida Campground Maintenance payment was made to USDI-BLM for 2010 funding. • 	Recreation Site Maintenance	<ul style="list-style-type: none"> • Implement dust abatement measures • Maintain signs and recreation sites • Make payment to Caribou County • Make payment to USDI-BLM • Make payment to Franklin County Sheriff • Perform Recreation and Traffic Safety Plan and Site Plan recreation elements monitoring as specified
418	2010 whitewater boater schedule was prepared as required and submitted to the ECC and FERC.	Boating Flow Release Plan	Submit the 2011 whitewater schedule to FERC.
419	All required flows were released according to the published schedule and with ramp rates that conformed to the Black Canyon Boater Program Ramp Rate Study.	Boating Flow Release Schedule	License-defined, inflow-dependent release program will happen in the spring of 2011. A ramp rate of one-half foot per hour will be used.
420	<ul style="list-style-type: none"> • 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. 	Oneida Development Water Year 2010 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 2010 Report Period			
License Article	Accomplishments 2010	Comments	Future Plans 2011
	<ul style="list-style-type: none"> Operational regime report was filed with IDEQ. 		
421	In 2010 a boater flow schedule was developed with American Whitewater after PacifiCorp provided the 2010 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	Continue to follow the Boater Flow Forecasting Plan. A down ramp rate of one-half foot per hour will be used in 2011 as approved by the ECC.
422	Maintained website and Flow Phone.	PacifiCorp Flow Phone: (800) 547-1501 Bear River Implementation website: http://www.pacificorp.com/es/hydro/hl/br.html#	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 was finalized in 2010 for all signs except those covering Native American use of the area.	Historic Properties Management Plan	<ul style="list-style-type: none"> Continue to follow HPMP guidance for project review. Graphics will be added to interpretive sign texts. Panels will be manufactured and installed in 2011. Provide HPMP report to FERC before January 22, 2011, deadline.
424/425/426	<ul style="list-style-type: none"> The Grace and Last Chance Site Plan was finalized in 2010, the monitoring forms were finalized and the initial monitoring was conducted. Implementation actions completed at Grace Dam and Last Chance include: <ol style="list-style-type: none"> 1) Installation of property boundary markers and cattle exclusion fencing where needed. 2) An agricultural field adjacent to the Grace 	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 later than 10 years after LMP approval. Site Plans and implementation are prioritized	<ul style="list-style-type: none"> Continue monitoring as required for Grace-Cove, Oneida, Soda, and Grace and Last Chance site plans. Ongoing maintenance of fences, gates and boundaries in all site plan areas. Monitor compliance with site plan implementation measures and performance of those measures. Take corrective actions as identified. Noxious weed control.

Table 3.1-1 Accomplishments During the 2010 Report Period			
License Article	Accomplishments 2010	Comments	Future Plans 2011
	<p>Forebay was seeded with native grass in 2010.</p> <p>3) Former cattle feeding areas at Grace Forebay and Last Chance were seeded with native grass.</p> <p>3) Abandoned interior fences were removed from the Grace and Last Chance Properties.</p> <p>4) Two cattle guards were installed on dirt road at Last Chance to exclude cattle and still allow public access to the properties and river.</p>	<p>into the following order:</p> <p>1) Grace-Cove (Complete)</p> <p>2) Oneida (Complete, with exception of abandoned fence removal)</p> <p>3) Soda (Complete, with exception of abandoned fence removal)</p> <p>4) Grace Dam (Complete)</p> <p>5) Last Chance (Complete)</p>	<ul style="list-style-type: none"> • Maintain Cove Buffer Shoreline fence (two segments) on non-company lands, per Art 426 requirements. • Finish removal of abandoned interior fences at Alexander and Oneida in 2011. • Perform minor updated to LMP in consultation with ECC to improve consistency with Site Plans.
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 2010

3.1.1 Work Completed by License Article

Implementation Plan and Annual Reporting (License Article 401)

This 2010 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 2010; 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 2011 are listed in section 3.2 and Appendix G. An accounting of funds is included in Section 4.0.

Environmental Coordination Committee (Article 402)

The Environmental Coordination Committee (Table A-1) met six times during the 2010 reporting period. 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 2011, 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 thermal imaging effort. In 2007 a more intensive 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.



Figure 2. A young Bonneville cutthroat trout sampled as part of the BCT genetics study conducted by Idaho Department of Fish and Game.

A funding agreement for the disbursement of broodstock funds was drafted by PacifiCorp and IDFG during late 2008. IDFG has chosen to proceed 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. IDFG plans to release Bonneville cutthroat trout produced at the hatchery into tributaries of the Thatcher reach of the Bear River in early 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 will be determined over the first seven years of the

license as Bonneville cutthroat trout restoration studies are conducted and the Bonneville Cutthroat Trout Restoration Plan is developed. Beginning December 22, 2011, \$100,000 will be made available each year through the end of the license term for implementation of this article, or acceptable alternative use. An updated conservation hatchery agreement will be prepared with IDFG in 2011.

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.

Prior to the 2010 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 request proposals. Application materials were posted to PacifiCorp's website.

The ECC received 11 proposals for habitat enhancement funding during the 2010 review period. These proposals were reviewed and ranked by subcommittee members on March 17, 2010. The subcommittee's rankings and funding recommendations were presented to the ECC for approval on April 28, 2010. Nine habitat enhancement projects totaling \$179,000 were approved for funding by the ECC at that meeting. Three additional projects were approved by the ECC later in the year, one at the June ECC meeting, another at the December meeting, and one by email vote in May. Funding increases for one of the projects were approved by email votes in October and December, bringing the final total obligated for Habitat Enhancement Grant funds in 2010 to \$215,935. These projects are described below.

Alleman Dam Removal

The ECC awarded \$45,000 towards removal of an irrigation diversion dam on the Alleman property on Georgetown Creek that blocked upstream migration of Bonneville cutthroat trout from the Bear River into Georgetown Creek year-round. The project also allowed for establishment of a single point of diversion screened with an undershot rotary drum screen, recontouring and restoration of the riparian area, and exclusion of cattle from the stream by fencing and establishment of an off-channel water source. The project, sponsored by the U.S. Forest Service, was completed in November 2010 at a total estimated cost of \$170,000.



Figure 3. Georgetown Creek, site of the Alleman Dam Removal project. Improvements were made to the riparian area of the former dam as part of this project, sponsored by the U.S. Forest Service.

Roy Bunderson Fish Passage and Screening

Private landowner Roy Bunderson was awarded \$25,000 to replace a wooden irrigation diversion on his property with rock drop structures that will allow Bonneville cutthroat trout to migrate up and down Paris Creek. The project also allowed for installation of a fish screen to prevent loss of fish into the irrigation system. The project, proposed by Bear Lake Soil and Water Conservation District and sponsored by Trout Unlimited, was approximately 50 percent complete by the end of 2010 and is scheduled for completion in 2011. Total cost is estimated at \$125,000.

Max Bunderson Fish Ladder

The ECC awarded private landowner Max Bunderson \$30,000 to install a fish ladder around an irrigation structure on his property, allowing Bonneville cutthroat trout to move up Paris Creek to spawn. The project also allowed for a fish screen to prevent loss of fish into the irrigation system. The project, proposed by Bear Lake Soil and Water Conservation District and sponsored by Trout Unlimited, was completed during 2010 at an estimated total cost of \$65,000.

Whiskey Creek Habitat Restoration

Private landowner Kent Clegg was awarded \$30,000 for a project to improve habitat for Bonneville cutthroat trout in Whiskey Creek by narrowing the stream channel and planting riparian vegetation. Backhoe work was completed during 2010, with additional work to follow during 2011. Total cost of the project is estimated at \$200,000.

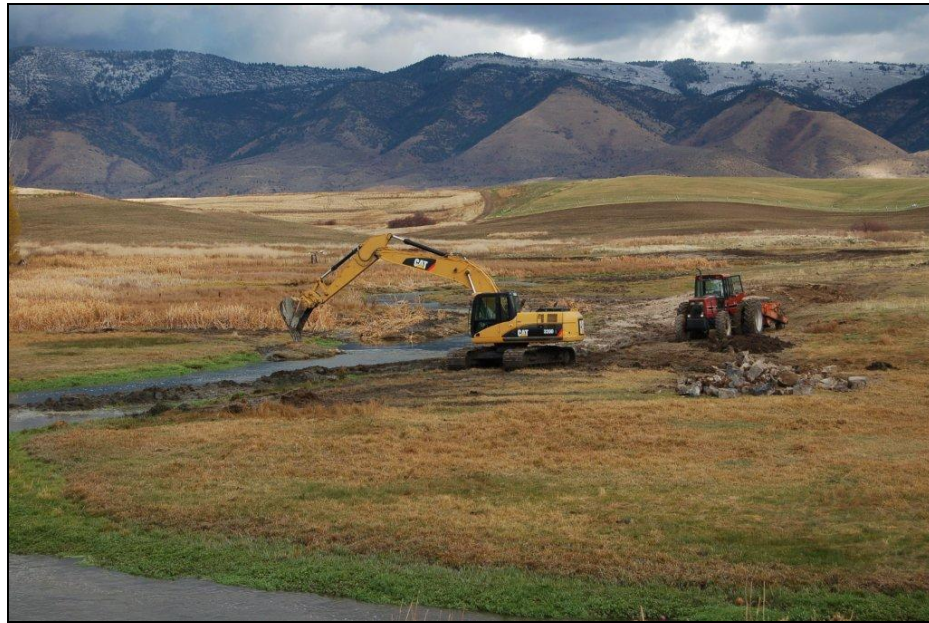


Figure 4. Channel work conducted at Whiskey Creek by private landowner Kent Clegg during 2010 to improve habitat for Bonneville cutthroat trout.

Georgetown Fish Ladder

The ECC allocated \$10,000 in additional funding for the recently constructed Georgetown Hydro fish ladder to help address cost over-runs of approximately \$34,000. The project was sponsored by the U.S. Forest Service. Funding was disbursed in 2010 and the project is complete.

Screen Tender

The ECC allocated \$12,000 to help fund an Idaho Department of Fish and Game employee to monitor and maintain fish screens funded by the ECC. Funding for this position was disbursed to IDFG in 2010 and fish screens were monitored throughout the irrigation season.

Oneida Narrow Riparian Protection

The ECC awarded \$15,000 to BLM to exclude cattle from the Oneida Narrows boater take-out on the Bear River by installing fences and a cattleguard and providing an alternative water source for cattle. The project was completed during

summer 2010 and will protect the riparian area from vehicle use and livestock. Total cost of the project is estimated at \$25,000.



Figure 5. Fencing and cattle guard installed as part of the Oneida Narrows Riparian Protection Project to exclude cattle from the Oneida Narrows boater takeout on the Bear River.

Alexander Shrub Planting

The ECC awarded \$7,000 to PacifiCorp to continue native shrub planting in the Alexander Reservoir shoreline buffer. The project was undertaken to improve shoreline habitat for a diversity of species within the newly created reservoir buffer areas. The project was completed during fall 2010 with approximately 3,000 native shrubs planted at a total cost of approximately \$10,000.

Cub River Fish Tracking

Trout Unlimited was awarded \$5,000 to install radiotelemetry tags in 40 Bonneville cutthroat trout to identify migration extent and spawning locations within the Cub River and to determine whether Cub River Bonneville cutthroat trout use the Bear River for overwintering habitat. The project is a collaborative effort of Trout Unlimited, the Utah State University Water Research Laboratory, and the Utah Division of Wildlife Resources. Fish were tagged throughout the 2010 field season with the goal of reaching 40 fish by the end of the year. Total cost for the project was estimated at \$65,000.



Figure 6. A Cub River Bonneville cutthroat trout is implanted with a radiotelemetry tag as part of a collaborative study by Trout Unlimited, USU Water Research Laboratory, and Utah Division of Wildlife Resources to determine whether these fish overwinter in the Bear River.

Kackley Springs Fish Trap/Barrier

At its June meeting, the ECC approved design and construction of a structure to exclude non-native fish from Kackley Springs. The project, proposed by PacifiCorp, complements Idaho Department of Fish and Game's plan to plant Bonneville cutthroat trout reared at Grace Fish Hatchery at Kackley Springs when work on the channel is complete. Cost for the project was originally estimated at \$20,000. Budget increases of \$13,500 and \$2,415 were approved by email votes in October and December, respectively, bringing the total cost of the project to \$35,915. The structure was in place by the end of the year (see cover photo).

Kackley Springs Consultation

The ECC approved by email vote an expenditure of \$1020 in habitat enhancement funds for a stream restoration specialist to visit Kackley Springs and provide recommendations on flows and channel stability. The site visit was completed during 2010. Recommendations were provided verbally to PacifiCorp's environmental coordinator and other ECC members present.

Cub and Cottonwood Creek Fish Screen Maintenance

The ECC at its December meeting approved a request for \$3,500 in habitat enhancement funding for maintenance of ECC-funded fish screens on Cottonwood Creek and the Cub River. The proposal was sponsored by Trout Unlimited.

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 will be 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.

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 shows the number of 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.

Table 3.1-2. Conservation Land and Easement purchases 100 percent funded by the Bear River Hydroelectric Project Land and Water Conservation Fund and held by Sagebrush Steppe Regional Land Trust					
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	--

Table 3.1-2. Conservation Land and Easement purchases 100 percent funded by the Bear River Hydroelectric Project Land and Water Conservation Fund and held by Sagebrush Steppe Regional Land Trust

Parcel	Acreage	Waterbody	Date	Linear Feet of Riparian Protection*	
				Left Bank	Right Bank
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
Deep Creek Preserve	435	Bear River	2010	1,767	1,812
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.					
Fee Title					
McCammon Parcel	77.5	Bear River	2006	--	4,696
<i>* Left or right bank designations assume facing downstream.</i>					

Prior to the 2010 review period, flyers were distributed to ECC members, local USDA-Natural Resource Conservation Service offices, and previous applicants to announce land and water acquisition funding availability and request proposals. Application materials were posted to PacifiCorp's website.

Three land and water acquisition proposals were approved by the ECC during 2010. See Section 4.0 for funding activity in the Land and Water Conservation Fund in 2010.

Deep Creek Property

Following ECC approval, Sagebrush Steppe Regional Land Trust closed a 435-acre land purchase in Franklin County, Idaho. The property includes important upland habitat and portion of Deep Creek, a tributary to the Cub River.

Mink Creek Conservation Easement

In April 2010, the ECC approved funding for a 1,033-acre conservation easement that will protect portions of Mink Creek and surrounding upland habitat. A purchase and sale agreement for the easement was approved by email vote in August and Sagebrush Steppe Regional Land Trust is expected to close on the conservation easement early in 2011.

Sagebrush Steppe Regional Land Trust Executive Director Position

An expenditure of \$25,000 from land and water acquisition funds was approved by the ECC in June to assist with funding Sagebrush Steppe Regional Land Trust's executive director position.



Figure 7. Oasis Environmental surveys the Bear River from the Black Canyon overlook near Grace, Idaho.

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 Oasis submitted results of 2009 monitoring. Data collection in Black Canyon is now complete, and a final report on Black Canyon monitoring is expected in May 2011. The 2009 Black Canyon of the Bear River Monitoring Report is being submitted to FERC along with this annual report.

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 8, March 11, June 14, June 30, August 25, and September 20. PacifiCorp's annual maintenance schedule for 2010 will be provided to the ECC before March 2011.

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 2010, PacifiCorp replaced the low level release valve in Soda Dam with a new valve that will provide increased ability to reliably deliver the required minimum stream flow below Soda Dam. In 2011 PacifiCorp will be installing 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 is completed. The Boater Flow Ramp Rate Study was completed during 2010 and a final report is submitted to FERC with this annual report. The need to implement, change or request removal of Article 409, based on study results, will be discussed with the ECC during 2011 and a recommendation will be made to FERC early in 2012.

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. 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. 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 action was taken regarding the Dam Leakage Minimization Plan during 2010.

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. No exceedances were observed or reported during 2010, and no temporary suspensions were requested. 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 will be 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 is being submitted to FERC with this annual report. This information will be used—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.

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 is being submitted to FERC along with this annual report. During 2011, the ECC will discuss exceedances of state water quality criteria during boater flow events.

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 U.S. Geological Survey 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 2011.

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.

In 2010, funding was provided to Caribou County for park maintenance, to Franklin County for law enforcement, and to BLM for Oneida campground maintenance. 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 2010 whitewater boating flows was prepared as required and submitted to the ECC and FERC. The 2011 schedule was submitted to FERC prior to the deadline.

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 2010, all required flows were released according to the published schedule and with ramp rates that conformed to the Black Canyon Boater Program Ramp Rate Study. The license-defined, inflow-dependent release program will be used in spring 2011. A ramp rate of one-half foot per hour will be used.



Figure 8. Boaters in the Black Canyon of the Bear River during whitewater boater flows.

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 2010, 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 2010 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 2010 in consultation with American Whitewater after PacifiCorp provided the 2010 water year forecast. The schedule was provided to the ECC for review and was submitted to FERC. Flows were forecast on the PacifiCorp website and information was provided on the Flow Phone.

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 2010.

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 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 and 2010. Draft interpretive materials for sign texts were prepared in 2010. PacifiCorp will continue to finalize these sign text and images in 2011 and 2012 in consultation with stakeholders. The first signs will be finalized and installed in 2011. The annual report on HPMP activities will be submitted to FERC prior to the January 22, 2011 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. 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. 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. The Grace Dam and Last Chance Site Plan was finalized during 2010 and is being submitted to FERC along with this annual report. Monitoring forms were also finalized during 2010 and initial monitoring was conducted. 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 2010 as required in the site plans. The Cove Buffer shoreline fence was monitored as required during 2010. Monitoring forms are included in Appendix C of this report. Maintenance needs were noted and will be completed during 2011. 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. A minor updated of the LMP is planned to be performed in 2011 in consultation with the ECC.

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 2010. Required actions are now complete.

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 fall of 2006. Work to stabilize and reclaim the area after removal of the structures began immediately and 2009 was the final year of monitoring required by the USACE permit. No new action was taken during 2010. All required actions are complete.

3.2 Work Anticipated in 2011

This section outlines work anticipated for license implementation and compliance during 2011. As noted in section 3.0, an implementation schedule for 2011 is included in Appendix G of this report. The 2011 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 2010 Annual Report.
- Continue collaboration with stakeholders through ECC meetings held every other month (or more frequently, as needed).
- Make first conservation hatchery payment to IDFG. Complete Conservation Hatchery MOA with IDFG.
- Continue Habitat Enhancement Program - Subcommittee to evaluate projects in March 2010 and present recommendations to the ECC for approval in April 2011.

- Continue Land and Water Acquisition Program – Subcommittee to evaluate projects in March 2011 and as they are presented during the remainder of 2011.
- Receive Final Black Canyon Monitoring Report in May 2011. Discuss with ECC, along with the Boater Flow Water Quality Study and the Boater Flow Ramp Rate Study in fall 2011.
- Continue to document required minimum flows.
- Provide PacifiCorp's annual maintenance schedule to the ECC before March 2011, consult with ECC in emergencies, as practical.
- Discuss final results of the Boater Flow Ramp Rate Study. Make a recommendation to the FERC on the need to implement, change, or request removal of Article 409 (Fish Stranding Minimization Plan).
- Document proposed changes to the Operations and Compliance Plan and file with FERC.
- Make payments to Caribou County, BLM, and Franklin County Sheriff; implement dust abatement measures on Oneida Road; and maintain signs and recreation sites.
- Submit 2011 whitewater boater flow schedule to FERC.
- Continue to follow the Boater Flow Forecasting Plan.
- Maintain website and flow phone.
- Continue to follow the Historic Preservation Management Plan (HPMP) guidance. Add graphics to interpretive signs and have panels manufactured and installed. Submit annual report on HPMP activities in January 2011.
- Implement Grace Dam and Last Chance Site Plan along the Grace Flowline.
- 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.
- Perform minor update to LMP.
- Maintain Cove buffer shoreline fence on non-company lands, per Art. 426
- Finish removal of abandoned interior fences at Alexander and Oneida.

4.0 Funding

This section presents an accounting to the end of calendar year 2010 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 Broodstock Development SA 3.1.2.5 315929					
Dec 22, 2008			\$114,604.00		
Invoice Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
12/23/2008		From Aerial Photography Fund	\$6,335.41	\$120,939.41	From Aerial Photography
2008 Interest Credit			\$1,548.00	\$122,487.41	
2009 Funding			\$117,693.87	\$240,181.28	
1/22/2008	\$6,335.41	To Habitat Enhancement Fund		\$233,845.87	To Habitat Enhancement
3/30/2009	\$107,470.00	IDFG		\$126,375.87	2008 IDFG Broodstock Payment
3/31/2009	\$10,000	Ultra Air Research		\$116,375.87	Clegg BCT Ponds per IDFG Request
10/29/2009	\$117,470.00	IDFG		-\$1,094.13	2009 IDFG Broodstock Payment
	\$234,940.00				2009 Billings Total
2010 Funding			\$118,410.28	\$117,316.15	ESTIMATE
6/22/2010	\$5,000.00	Ultra Air Research (Clegg)		\$112,316.15	Clegg BCT Ponds per IDFG request
10/21/2010	\$112,316.15	IDFG		\$0.00	2010 IDFG Broodstock Payment
	\$117,316.15				2010 Billings Total
				CLOSED	

PacifiCorp Bear River Implementation Projects Black Canyon Monitoring SA 3.1.6 315930					
Jan 2005 Beginning Balance			\$36,314.00		
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
2005 Study Year					
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	
	\$23,925.00				2005 Study Year Total
2006 Study Year					
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	
	\$35,458.70				2006 Study Year Total
2007 Study Year					
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
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	
	\$39,857.00				2007 Study Year Total
2007 Interest Credit			\$351.00	\$15,008.30	
2008 Funding			\$41,114.00	\$56,122.30	
2008 Study Year					
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	

PacifiCorp Bear River Implementation Projects Black Canyon Monitoring SA 3.1.6 315930					
Jan 2005 Beginning Balance			\$36,314.00		
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
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	
	\$46,416.18				2008 Study Year Total
2009 Study Year					
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	
	\$36,891.37				2009 Study Year Total
2009 Interest Credit			\$18.00	\$14,236.75	
2010 Funding			\$41,443.95	\$55,680.70	
2010 Study Year					
3/5/2010	\$6,793.83	Oasis Environmental		\$488,888.62	
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 Cleaning		\$27,721.65	
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	
	\$37,390.43				2010 Study Year Total
2010 Interest Credit			\$4.57	\$18,294.84	
2011 Final Report					
Future	\$4,800.00	Additional Single Sample		\$13,494.84	Processing 2010 samples
Future	\$13,950.00	Anticipated Billings		-\$455.16	Final Report

PacifiCorp Bear River Implementation Projects Oneida Campground Funding SA 3.4.1.1 BRI-ONEIDA					
Jan 2004 Beginning Balance			\$10,170.00		
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
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	

PacifiCorp Bear River Implementation Projects Oneida Law Enforcement SA 3.4.1.4 BRI-LAWENF					
Jan 2004 Beginning Balance			\$3,051.00		
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
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	

PacifiCorp Bear River Implementation Projects Caribou County Recreation 3.4.2 315936					
Jan 2004 Beginning Balance			\$3,051.00		
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
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			\$0.00	

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

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Jan 2005 Beginning Balance			\$173,271.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
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
	\$47,986.20				2005 Billing Total
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
	\$194,687.30				2006 Billing Total
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
10/4/2007	\$21,000.00	Caribou-Targhee		\$184,196.59	2007 Eight Mile, North Canyon, Midland – paid in full

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Jan 2005 Beginning Balance			\$173,271.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
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
	\$143,734.20				2007 Billing Total
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
	\$123,035.95				2008 Billing Total
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	\$6,335.41	\$424,073.02	From Broodstock Fund to Habitat Enhancement per ECC 1/21/2008
5/20/2009	\$3,239.85	John Bushman		\$420,833.17	2008 Stauffer Creek
5/21/2009	\$2,495.00	John Bushman		\$418,338.17	2008 Stauffer Creek
6/4/2009	\$24,000.00	Kent Clegg		\$394,338.17	2007 Whiskey and Trout Creek Clegg \$40K less PIF
7/7/2009	\$6,890.00	Conservation Seeding and Restoration		\$387,448.17	2009 Alexander Shrub Planting
7/17/2009	\$85,000.00	Trout Unlimited		\$302,448.17	2008 Cub River Irrigation Upper Diversion (middle)
7/20/2009	\$7,500.00	Dan Keetch		\$294,948.17	2009 Dan Keetch Pump Screen PIF
8/28/2009	\$46,000.00	Franklin Soil and Water Cons. Dist.		\$248,948.17	2009 CAFO Projects
9/1/2009	\$24,128.60	John Bushman		\$224,819.57	2009 Stauffer Creek
10/1/2009	\$464.39	Providia		\$224,355.18	2007 Harris Spring complex old fence removal
10/5/2009	\$515.70	Granite Seed		\$223,839.48	2009 Kackley Springs – Native

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Jan 2005 Beginning Balance			\$173,271.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
					Grass Seed
10/14/2009	\$2,527.50	KCA		\$221,311.98	2009 Kackley Springs – Upper channel extra work
11/17/2009	\$2,887.50	Utah Conservation Corp		\$218,424.48	2009 Kackley Springs – Willow Staking
11/23/2009	\$1,924.44	Providia		\$216,500.04	2007 Harris Spring complex willow installation stakes and bundles
12/7/2009	\$2,205.00	Providia		\$214,295.04	2009 Kackley Springs – Native grass seeding
12/17/2009	\$10,500.00	Trout Unlimited		\$203,795.04	2009 Trout Unlimited Screen Repair Work \$10.5K
12/22/2009	\$14,000.00	IDFG		\$189,795.04	2008 Screen Tender \$14K
	\$245,102.48				2009 Billing Total
2009 Interest Credit			\$236.00	\$190,031.04	
2010 Funding			\$197,746.84	\$387,777.88	
4/7/2010	\$22,397.50	Mathews Ranch LLC		\$365,380.38	2007 & 2008 Bear River Mathews Ranch LLC
5/6/2010	\$2,946.04	Caribou National Forest		\$362,434.34	2009 Invasive Species Signage USDA -FS
6/1/2010	\$6,842.12	Conservation Seeding and Restoration		\$355,592.22	2010 Alexander Shrub Planting
6/7/2010	\$45,000.00	Trout Unlimited		\$310,592.22	2010 Georgetown Creek Alleman Diversion
7/14/2010	\$1,958.62	Jensen Lumber Co.		\$308,633.60	2009 Bailey Creek Spring Exclusion Fencing
7/30/2010	\$1,020.20	Allred Restoration		\$307,613.40	2010 Kackley Springs Flow Consultation
8/2/2010	\$15,000.00	BLM		\$292,613.40	2010 Oneida Narrows Riparian Protection
9/13/2010	\$2,575.77	Jensen Lumber Co.		\$290,037.63	2009 Spring Exclusion Fencing
9/23/2010	\$5,000.00	Trout Unlimited		\$285,037.63	2010 Cub River Telemetry
9/23/2010	\$12,000.00	State of Idaho		\$273,037.63	2010 Screen Tender
9/29/2010	\$576.48	Jensen Lumber Co.		\$272,461.15	2009 Midnight Mountain Spring Exclusion Fencing
10/1/2010	\$3,619.43	R2 Resource Consultants		\$268,841.72	2010 Kackley Springs Exclusion Structure Design
11/4/2010	\$25.30	PacifiCorp MasterCard		\$268,816.42	2010 Kackley Springs Exclusion Structure IDWR Permit Fee
11/5/2010	\$8,218.85	R2 Resource Consultants		\$260,597.57	2011 Kackley Springs Exclusion Structure Design
11/9/2010	\$1,800.95	Providia		\$258,796.62	2010 ECC Funded Weed Control at Kackley Preserve
11/9/2010	\$2,617.00	Bushman		\$256,179.62	2008 Stauffer Creek Bushman
12/3/2010	\$1,970.00	Providia		\$254,209.62	2010 Alexander Shrub Planting

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Jan 2005 Beginning Balance			\$173,271.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes (Grant Year – Project Name)
12/20/2010	\$15,550.20	Partner Steel Co. Inc.		\$238,659.42	2010 Kackley Springs Exclusion Structure Fabrication
12/20/2010	\$402.60	R2 Resource Consultants		\$238,256.82	2010 Kackley Springs Exclusion Structure Design
12/20/2010	\$1,031.76	Welder PacifiCorp		\$237,225.06	2010 Kackley Springs Exclusion Structure Installation
12/24/2010	\$6,865.00	KCA		\$230,360.06	2010 Kackley Springs Exclusion Structure Installation
12/29/2010	\$4,647.53	R2 Resource Consultants		\$225,712.53	2009 Oneida Fish Passage Design Report
12/29/2010	\$757.50	R2 Resource Consultants		\$224,955.03	2010 Kackley Springs Exclusion Structure Design
	\$162,822.85				2010 Billings
2010 Interest Credit			\$562.39	\$225,517.42	ESTIMATE ASSUME .25%
2011 Funding			\$202,691.00	\$428,208.42	ESTIMATE
	Outstanding Grant Fund Balances	Future Anticipated Billings			
FUTURE	\$5,000.00	\$5,000.00		\$423,208.42	2005 Williams Creek \$25k
FUTURE	\$17,602.50	\$17,602.50		\$405,605.92	2007 & 2008 Bear River Mathews \$40k+40k
FUTURE	\$27,000.00	\$27,000.00		\$378,605.92	2009 Marv Anderson 8 mile Creek \$27k
FUTURE	\$25,000.00	\$25,000.00		\$353,605.92	2010 Paris Creek, Roy Budnerson \$25k
FUTURE	\$30,000.00	\$30,000.00		\$323,605.92	2010 Paris Creek, Max Bunderson \$30k
FUTURE	\$68,352.47	\$68,352.47		\$255,253.45	2010 Oneida Narrows Fish Passage Conceptual Design \$73k
FUTURE	\$30,000.00	\$30,000.00		\$225,253.45	2010 Whiskey Creek Riparian Restoration \$30k
FUTURE	\$10,000.00	\$10,000.00		\$215,253.45	2010 George Town Fish Ladder FS \$10k
FUTURE	\$3,750.00	\$3,750.00		\$211,503.45	2010 Cub and Cottonwood Screen Maintenance \$3.75k

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Jan 2005 Beginning Balance			\$311,265.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
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
	\$2,505.00				2005 Billing Total
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
	\$189,797.88				2006 Billing Total
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.
	\$93,746.00				2007 Billing Total
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		\$1,056,430.40	2008 Kackley Site Maintenance
3/31/2008	\$43,000.00	Sagebrush Steppe		\$1,013,430.40	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
	\$455,502.63				2008 Billing Total
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

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Jan 2005 Beginning Balance			\$311,265.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
12/24/2009	\$177,383.00	Sagebrush Steppe		\$624,720.37	2009 Harris CE Purchase
	\$337,566.00				2009 Billing Total
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
	\$436,245.24				2010 Billings Total
2010 Interest Credit			\$1,361.21	\$545,845.34	ESTIMATED at .25%
2011 Funding			\$364,115.00	\$909,960.34	ESTIMATED
FUTURE 2011	\$15,500.00	Sagebrush Steppe		\$894,460.34	Christensent Survey, Baseline and Mineral Report
FUTURE 2011	\$11,407.00	Sagebrush Steppe		\$883,053.34	2010 outstanding and 2011 projected management costs Deep Creek, Henderson, Kackley and Harris/Cove
FUTURE 2011	\$106,400.00	Sagebrush Steppe		\$776,653.34	2010 Deep Creek Long Term Stewardship
FUTURE 2011	\$252,500.00	Sagebrush Steppe		\$524,153.34	2010 Mink Creek Conservation Easement Match

PacifiCorp Bear River Implementation Projects ECC Coordination Hours 2010 BRI-ECC (Labor Hours Only)*	
Personnel	
Stenberg	1126
Hugentobler	448
Davies	56
McCune	30
Baldwin/Shrier	75
Total	1735

Appendix A

ECC Members, Designated Alternates and Authorized Signatories

Table A-1. ECC Members, Designated Alternates and Authorized Signatories		
ECC Member and Designated Alternate	Organization	Authorized Signatory
Blaine Newman Arn Berglund, Alternate	Bureau of Land Management	Joe Kraayenbrink Idaho Falls District Manager
Katie Strong (outgoing) Marv Hoyt, Alternate (incoming)	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	Cal Groen Director
Rick Just Kirk Rich, Alternate	Idaho Department of Parks and Recreation	Robert L. Meinen Director
David Kampwerth (incoming) Cary Myler, Alternate	U.S. Fish and Wildlife Service	Gary Burton Deputy Field Supervisor
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	Kevin Colburn National Stewardship Director
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes	Alonzo Coby Chairman, Fort Hall Business Council
Jim Capurso (outgoing) Lee Mabey (interim) Corey Lyman, Alternate	USDA-Forest Service	Harv Forsgren Regional Forester
Kirk Dahle Warren Colyer, Alternate	Trout Unlimited	Kim Goodman Director, Idaho Water Office
Lynn Van Every Greg Mladenka, Alternate	Idaho Department of Environmental Quality	Toni Hardesty Director
Susan Rosebrough Dan Miller, Alternate (incoming)	National Park Service	Jon Jarvis 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: 9/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Fence the parking area's east side and install a cattle gate or guard. 	Fall 2005	YES	Completed
		Annual Inspection	YES	Fence in good working condition
	<ul style="list-style-type: none"> 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. 	Spring 2006	YES	Completed
		Monthly Inspections	YES	Need "No Fires" Sign
	<ul style="list-style-type: none"> Maintain the parking area and maintain the roadway according to RTSP standards, p. 29. 	Ongoing	NO	Parking area needs weed control, vegetation control Parking area washed out—large gullies need repair
	<ul style="list-style-type: none"> Ensure portable toilet is placed next to "Handicapped Parking" sign. 	Annual Inspection	YES	Completed
	<ul style="list-style-type: none"> Maintain the portable toilet. 	Biweekly	YES	Clean and in good working condition

Sant Parcel Compliance Monitoring Date: 9/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Remove debris and litter from the parking area and the gravel boat take-out area. 	Weekly	YES	Good Condition
	<ul style="list-style-type: none"> Destroy existing fire rings near the Black Canyon parking area and the boat take-out; rehabilitate these areas. 	Fall 2005	YES	Completed
		Annual Inspection	YES	New fire activity since rehabilitation
	<ul style="list-style-type: none"> Maintain boat take-out area at Black Canyon recreation site (RTSP, p. 29). 	Ongoing	YES	
		Annual Inspection	YES	Boat ramp may need weed control efforts September 2009
	<ul style="list-style-type: none"> Complete the property boundary delineation on the east and south ends. 	Fall 2005	YES	Completed
		Annual Inspection	YES	Boundaries delineated Two carsonite markers are missing on north end
	<ul style="list-style-type: none"> Ensure fence and fence post condition for all boundaries. 	Annual Inspection	YES	Fence in good working condition September 2009
	<ul style="list-style-type: none"> Submit summary report of implementation of RTSP and the FERC Form 80. 	Summer 2011	YES	N/A
		6-year Intervals	YES	Initial form submitted in 2005

Sant Parcel Compliance Monitoring Date: 9/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Vegetation Management	<ul style="list-style-type: none"> 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.). 	Spring 2006/Revise as needed	YES	See appendix C1
	<ul style="list-style-type: none"> Annual or biannual backpack spraying throughout the parcel only after other mechanical or biological control options have been evaluated. 	Spring 2006	YES	See appendix C1
		Semiannual Rx/Monitoring	YES	See appendix C1 White top, Canada Thistle 2010
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Fence the riparian system, extending the west parking area boundary along the river (Figure 2.). 	Spring 2006	YES	Completed
		Annual Inspection	YES	No trespass activity
Agricultural Uses	<ul style="list-style-type: none"> Update the grazing lease agreement. 	Fall 2006	YES	Completed
		Update as needed	YES	

Sant Parcel Compliance Monitoring Date: 9/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment. 	Spring 2006	YES	Completed
		Annual Inspection	YES	
	<ul style="list-style-type: none"> Train lessees on forage utilization monitoring. 	Fall 2006	YES	Completed in April of 2007
	<ul style="list-style-type: none"> The lessee must submit forage utilization monitoring reports as required by the lease agreement. 	Fall 2006	YES	Completed Spring 2007
		Monthly	YES	
	<ul style="list-style-type: none"> Reconstruct north/south interior fence to allow a two-pasture grazing system within the parcel. 	Fall 2005	YES	Completed
	<ul style="list-style-type: none"> Ensure interior fence and fence post condition. 	Annual Inspection	YES	Fence in good working condition September 2010

Mansfield Parcel Compliance Monitoring Date: 09/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Post the west boundary with property delineation markers. 	Summer 2005	YES	Completed
		Annual Inspection	YES	Completed--Good
	<ul style="list-style-type: none"> Determine whether north and south boundary fences are complete and accurately placed, and address any discrepancies noted. Ensure fence and fence post condition on all boundaries. Maintain existing pedestrian bridge. 			
		Fall 2005	YES	Completed Gate shut September 2010
		Annual Inspection	YES / NO	Soft gate at entrance is shut, no trespass noted September 2010
	<ul style="list-style-type: none"> Rehabilitate the water conveyance line by completing the following measures: <ol style="list-style-type: none"> Remove discarded, steel pipeline segments and other debris from the parcel. 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 repair process, place topsoil on the surface to enhance revegetation efforts. 	Fall 2005/Spring 2006	YES	Completed
		Annual Inspection	YES	Discarded sections of old pipe remain near south gate from work conducted in 2006 Steel Pipe sections still remain by soft gate, September 2010 Pipe belongs to Joe Olson, been contacted-will remove

Mansfield Parcel Compliance Monitoring Date: 09/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	3. Revegetate the entire area with native vegetation (weed free, native seed mixture) to reduce the visual impact of a linear feature.			Vegetation looks good, road reclamation good September 2010
	<ul style="list-style-type: none"> 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. 	Spring 2005	YES	
		Semiannual or Annual Rx/Monitoring	NO	See Appendix C-1 Musk thistle white top No Spraying Conducted in 2010
	<ul style="list-style-type: none"> Biannual backpack herbicide applications will be necessary to control weeds throughout the parcel and to encourage complete site recovery. 	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	NO	See Appendix C-1 No spraying conducted 2010-Very weedy
	<ul style="list-style-type: none"> Intensive backpack spraying weed control along 0.3 stretch of river integrated with mechanical and biological control measures. 	Spring 2006	YES	Weeds present-Canada thistle, Musk Thistle
		Semiannual or Annual Rx/Monitoring	NO	See Appendix C-1 No spraying conducted 2010-Very weedy Musk Thistle, White Top
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Investigate piped diversion to determine if spring flow could be returned to Bear River. 	Spring 2005	YES	Note: Determined to be infeasible to return flow to river.

Mansfield Parcel Compliance Monitoring				
Date: 09/13/2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	Not Applicable.			

Penstock Parcel Compliance Monitoring				
Date: 09/14/2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Confirm boundary alignment and post the west boundary with ownership signs. 	Fall 2005	YES	Completed
		Annual Inspection	YES	Good working condition
	<ul style="list-style-type: none"> Ensure fence and fence post condition on all boundaries 	Annual Inspection	YES	Completed Fence needs some repairs, overall good
Vegetation Management	<ul style="list-style-type: none"> Spray herbicides along the penstock access roads to manage weeds. 	Spring 2005	YES	

Penstock Parcel Compliance Monitoring Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Semiannual or Annual Rx/Monitoring	NO	See Appendix C-1 Weeds, White top, Musk thistle No Spraying Conducted in 2010
	<ul style="list-style-type: none"> 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. 	Fall 2005	YES	Runoff ditch created along penstock and access roads Will be annually monitored.
		Annual Inspection	YES	
	<ul style="list-style-type: none"> Utilize short duration (10 days) grazing as an additional control for weedy annual grasses. 	Ongoing	NO	Yet to be determined if grazing is needed in 2009, grazing has not yet occurred as of July 2009
		Semiannual or Annual Rx/Monitoring	NO	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Ensure spring boxes and the downstream wetlands are protected. 	Fall 2006	YES	
		Annual Inspection	YES	Protected, some fence repair needed
Agricultural Uses	<ul style="list-style-type: none"> Include the parcel in the grazing lease agreement for the Sant and Dugway parcels. 	Spring 2006	YES	N/A 2009

Penstock Parcel Compliance Monitoring Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Update as needed	YES	
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment. 	Annual Inspection	YES	N/A 2009
	<ul style="list-style-type: none"> Train lessee on forage utilization monitoring. 	Spring 2006	NO	Completed in April of 2007 N/A 2009
	<ul style="list-style-type: none"> The lessee must submit forage utilization monitoring reports as required by the lease agreement. 	Spring 2006	NO	N/A 2009
		Monthly	NO	N/A 2009

Cove Forebay West Parcel Compliance Monitoring Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Complete the property delineation and boundary fence and post indicating ownership. 	Summer 2005	YES	Completed

Cove Forebay West Parcel Compliance Monitoring				
Date: 09/14/2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual Inspection	YES	September 2010
	<ul style="list-style-type: none"> Ensure fence and fence post condition on all boundaries. 	Annual Inspection	YES	Fence in good working condition September 2010
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian area and in localized, internal areas. 	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	NO	See Appendix C-1 Weeds, Thistle, Black Hemp bane No Spraying Conducted in 2010
	<ul style="list-style-type: none"> Revise the monitoring plan for weeds and revegetation efforts following Cove decommissioning activities. 	Fall 2006	YES	Decommissioning not completed until Winter 2006 Revision completed for Spring 2007 See Appendix C-1 for 2009 Weeds, Thistle in reveg area
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Revise the monitoring plan for wetland and riparian areas following Cove decommissioning activities. 	Fall 2006	YES	Decommissioning not completed until Winter 2006 Revision completed for Spring 2007 Completed
Agricultural Uses	Not Applicable.			

Dugway Parcel Compliance Monitoring Date: 09/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Fence pasture throughout. 	Spring 2006	YES	Completed
	<ul style="list-style-type: none"> Ensure fence and fence post condition. 	Annual inspection.	YES	Fence in good working condition September 2010
Vegetation Management	<ul style="list-style-type: none"> Control localized weed infestations with herbicide applications and other appropriate techniques. 	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	YES	See Appendix C-1 Some white top in pasture
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> 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	Planned for Spring 2007 Completed
		Annual inspection.	YES	Good condition September 2010
Agricultural Uses	<ul style="list-style-type: none"> Include the parcel in the grazing lease agreement that includes the Sant and Penstock parcels. 	Fall 2006	YES	Completed Spring of 2007 N/A 2009
		Update as needed	YES	

Dugway Parcel Compliance Monitoring				
Date: 09/13/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment. 	Annual inspection.	YES	Completed by Cirrus
	<ul style="list-style-type: none"> Train lessee on forage utilization monitoring. 	Fall 2006	NO	N/A 2010
	<ul style="list-style-type: none"> The lessee must submit forage utilization monitoring reports as required by the lease agreement. 	Fall 2006	NO	N/A 2010
		Monthly	NO	N/A 2010

Kackley Springs Parcel Compliance Monitoring				
Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Confirm that the boundary delineation and fencing are complete and accurate. 	Fall 2005	YES	No boundary markers
		Annual Inspection	YES	
	<ul style="list-style-type: none"> Ensure fence and fence post condition on all boundaries. 	Annual Inspection	YES	Old fences to be removed in 2010

Kackley Springs Parcel Compliance Monitoring Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Maintain the existing road. 	Ongoing	YES	
		Annual Inspection	YES	Good working condition
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures throughout the parcel 	Ongoing	YES	
		Semiannual or Annual Rx/Monitoring	YES	See Appendix C-1 Canada Thistle
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Develop and implement a plan to either re-divert Kackley Springs flows or otherwise maintain them in a configuration favorable to aquatic resources. 	2009	YES	In progress Ongoing September 2010
Agricultural Uses	Not Applicable.			

Cove Plant Parcel Compliance Monitoring				
Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Complete the property delineation. 	Summer 2005	YES	Completed
		Annual Inspection	YES	September 2010
	<ul style="list-style-type: none"> Ensure fence and fence post condition. 	Annual Inspection	YES	Good working condition September 2010
	<ul style="list-style-type: none"> Maintain the existing road. 	Ongoing	YES	
		Annual Inspection	YES	Good working condition Weed control, Russian Thistle
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures throughout the parcel, including specifically the rock spoil piles on river bank. 	Ongoing	YES	
		Semiannual or Annual Rx/Monitoring	YES	See Appendix C-1 Lots Musk Thistle south of plant Spoil piles very weedy Russian Thistle on road
	<ul style="list-style-type: none"> Complete Cove bypass fence project. 	Fall 2006	YES	Completed
	<ul style="list-style-type: none"> Ensure Cove bypass fence condition. 	Annual Inspection	YES	Good working condition

Cove Plant Parcel Compliance Monitoring				
Date: 09/14/2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Implement Cove bypass fencing to protect riparian area from grazing impacts. 	Fall 2005	YES	Completed
		Annual Inspection	YES	Few sections need repair September 2010
Agricultural Uses	<ul style="list-style-type: none"> Update the parcel's grazing lease agreement. 	Fall 2006	YES	Completed in Spring of 2007 N/A 2009
		Update as needed	YES	
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment. 	Fall 2006	YES	Completed April 2007 See attached data
	<ul style="list-style-type: none"> Train lessees on forage utilization monitoring. 	Annual Inspection	NO	Completed in April of 2007
	<ul style="list-style-type: none"> The lessee must submit forage utilization monitoring reports as required by the lease agreement. 	Fall 2006	NO	N/A 2009
		Monthly	NO	N/A 2009

Wildlife Observations
Date:
Technician:
Observation and location:

GRACE-COVE PERFORMANCE TRACKING

Sant Parcel Performance Tracking Date: 9-7-10 Technician: Bryan Westerberg Initial Performance Tracking: Check if DFCs have been reviewed. <input type="checkbox"/>					
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 discernable adverse environmental impacts? <ul style="list-style-type: none"> <i>Are recreation opportunities, rules, and boating and fishing access at the Black Canyon take-out evident?</i> <i>Is public signage easily visible and appropriately located?</i> <i>Are adverse conditions occurring outside the recreation area?</i> 	SP1	Yes	Parking area somewhat washed out from water---needs some work
	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"> <i>Is there any new fire activity in the vicinity of the Black Canyon take-out?</i> <i>Is trampled vegetation in the area recovering?</i> 	SP2	Yes	One large fire pit present. No "No Fires" sign? Vegetation looks good, recovering very well.

Sant Parcel Performance Tracking Date: 9-7-10 Technician: Bryan Westerberg Initial Performance Tracking:					
Check if DFCs have been reviewed. <input type="checkbox"/>					
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"> <i>Is there evidence of livestock use (e.g. manure, trampling, or trails)?</i> <i>Are riparian species, especially shrub and woody species, increasing?</i> 	SP3 SP4	Yes	Wet Meadow is Stable No livestock present-Some evidence of livestock around SP3 Species are stable

Mansfield Parcel Performance Tracking Date: 9-7-10 Technician: Bryan Westerberg Initial Performance Tracking: September 2009					
Check if DFCs have been reviewed. <input type="checkbox"/>					
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 footbridge. Big patches musk thistle.
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

Penstock Parcel Performance Tracking Date: 9-7-10 Technician: Bryan Westerberg Initial Performance Tracking: September 2009 Check if DFCs have been reviewed. <input type="checkbox"/>					
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 PA2, PA7, VM1, VM2, AU3, and AU4.)	Are the wetland/spring box areas healthy and properly functioning? <ul style="list-style-type: none"> <i>Is there evidence of livestock use (e.g. manure, trampling, or trails)?</i> 	No PP	X NO	Fence on the North side of spring box area needs repair and clearing. Area is very infested with noxious weeds, Canada Thistle, White Top, Musk Thistle, Hounds Tongue, Black Hensbane.

Kackley Springs Parcel Performance Tracking Date: 9-7-2010 Technician: Bryan Westerberg Initial Performance Tracking: September 2009 Check if DFCs have been reviewed. <input type="checkbox"/>					
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.	Are weeds and other undesirable species decreasing?	KSP1	YES	Looks good

Cove Plant Parcel Performance Tracking Date: 9-7-10 Technician: Bryan Westerberg Initial Performance Tracking: September 2009 Check if DFCs have been reviewed. <input type="checkbox"/>					
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 PA7, VM1, AU3, and AU4.)	Since implementation of the Site Plan, are shrub/woody species increasing?	CPP1	YES x	Good Willow and Rose stands in fenced riparian area. Excellent willow growth especially at CPP1...Lots of new willow
			CPP2	YES x	

Grace Performance Tracking Photos

Sant Parcel



SP1 September 7, 2010



SP2 September 7, 2010

Sant Parcel



SP3 September 7, 2010



SP 4 September 7, 2010

Mansfield Parcel



MP1 September 10, 2009



MP2 September 7, 2010

Kackley Springs Parcel



KSP1 September 7, 2010

Cove Plant Parcel



CPP1 September 7, 2010



CPP2 September 7, 2010

Appendix C

Cove Shoreline Buffer Fence Annual Monitoring Report

Cove Shoreline Buffer Fence Annual Monitoring Report

In the fall of 2006 a fenceline was constructed on the west side of the Bear River, essentially running the length of the Grace/Cove project area. The fenceline was constructed on private land not owned by PacifiCorp, between the former Cove Forebay and the Cove plant. The new fenceline was constructed to create a buffer zone to protect the river and its banks from livestock grazing and any other agricultural land uses. 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 fencelines, resulted in approximately 9,000 feet of continuous fenceline along the Bear River. This fenceline provides 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 fenceline. 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 was conducted initially in the fall of 2007, and again in the fall of 2008. During the fall of 2009 annual monitoring of the fenceline as well as adjacent riparian zones was conducted. At that time the fenceline 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 photopoints along the fenceline, new photopoints will be established in 2010 for each individual fenceline. New photopoint locations were created and GPSed during 2010 inspection. The preceding paragraphs include a short description of each fence- line segment, as well as the overall condition during the fall 2009 monitoring. Any required maintenance is also noted as well as photos of each segment.



Olsen I 2010

Olsen I: Length: 440 feet

Type: 4-strand, barbwire on steel posts.

Baseline Condition: Recently moved (December 2007) to correct property boundary. Fenceline runs East and West through riparian zone. Fenceline is in good condition. Riparian area dominated by sedges and wet meadow grasses, and is in good condition.

2010 Maintenance required: No Maintenance required at time of inspection.

2010 Easement conflict: None

2010 Photo Olsen I, Photo was taken looking west from Fence corner.



McCurdy I Riparian 2010

McCurdy I: Length: 320 feet

Type: Existing and upgraded, 6-strand, barbwire 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 channel. The fenceline borders the Sagebrush Steppe Land Trust (SSLT) on the west boundary. The photopoint used in previous years is looking south through the McCurdy I riparian along the existing fenceline. In 2010 a new photopoint will be established for McCurdy I. The condition of the McCurdy fence segment in 2009 was good. The existing fence running through the McCurdy riparian zone is in need of repairs as listed below.

2010 Maintenance required: None

2010 Easement conflict: None

2010 Photo looking south at existing fence through McCurdy I riparian.



Hansen 2010

Hansen: Length: 200 feet

Type: 5-strand, barbwire on steel posts.

Baseline Condition: Fenceline 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.

2010 Maintenance required: Wreck out existing, old interior fences that are no longer needed.

2010 Easement conflict: None

2010 Photo looking south through Hansen riparian.



2010 McCurdy II

McCurdy II: Length: 900 feet

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

Baseline Condition: Fenceline 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.

2010 Maintenance required: None.

2010 Easement conflict: None

2010 Photo looking south through riparian zone



2010 Olsen II

Olsen II: Length: 2700 feet

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

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

2010 Maintenance required: None

2010 Easement conflict: None.

2010 Photo looking south through riparian zone.



2010 Harris

Harris: Length: 4440 feet

Type: Combination of new, 5-strand barbwire on steel posts and new field fence with 2-strand barbwire 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 fenceline 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 fenceline separates the Harris property from BLM property, a new photopoint of this section will be established in 2010. This area is dominated by grasses and shrubs and was found in good condition in 2009. The Harris fenceline was in good condition in 2009. 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.

2010 Maintenance required: None; notify BLM of Phragmites on both sides of river.

2010 Easement conflict: None

2010 Photo Taken looking North

Appendix D

Oneida Site Plan Compliance Monitoring and Performance Tracking

ONEIDA SITE PLAN COMPLIANCE MONITORING

Cottonwood 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"> Complete the property boundary on the above-water portions of the parcel. 	Spring 2007	YES	Completed September 2009
		Annual inspection.	YES	
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries. 	Spring 2007	YES	Fences in good working condition September 2010
		Annual inspection.	YES	Fence good condition-replaced some carsonites September 2009
Vegetation Management	<ul style="list-style-type: none"> 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.) 	Fall 2006	YES	See Appendix
		Revise as needed; monitor seasonally.	YES	Big patch perennial pepper weed from 2009 was sprayed with two treatments in 2010—Looks much better, will need more treatment in 2011
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas above the waterline are protected, no other action is required. 	Spring 2008	YES	Protected September 2009
		Annual inspection.	YES	

Cottonwood Creek Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	Not Applicable.			

Oneida Plant Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands. 	Fall 2007	YES	Completed summer 2007 Annual inspection completed September 2010
		Annual inspection.	YES	
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries. Complete the signage and facilities at the Day Use Area and the Oneida Narrows put-in with: (1) 	Spring 2008	YES	Completed September 2010 New Fence Built West of old Camp in late fall 2009 Fence Good Signs are good

Oneida Plant Parcel Compliance Monitoring
Date: September 1, 2010
Technician: Bryan Westerberg

Issue	Corrective Action	Timeframe	Completed?	Comments
	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.	Annual inspection.	YES	Parking area is in good condition September 2010
	<ul style="list-style-type: none"> 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. 	Ongoing	YES	
		Annual inspection/ Biweekly removal of debris.	YES	
	<ul style="list-style-type: none"> Maintain the parking areas according to RTSP standards (p. 29). 	Ongoing	YES	Boat access is good condition. Needs Trimming of tree branches—walk way and ramp are getting grown in some
		Monthly (in season) inspection of boat launches for debris/ Biannually (pre- and post-season) inspection of boat launch and removal of debris.	YES	
	<ul style="list-style-type: none"> Maintain boat access at Oneida Narrows put-in and the Day Use Area (RTSP, p. 29). 			

Oneida Plant Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Coordinate with the BLM to control public access to the bypassed reach. 	Fall 2006	YES	Completed Fall 2006
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and the Oneida Project Road as well as in localized, internal areas. 	Spring 2007	YES	See Appendix
		See the Performance Tracking form.	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	Good
		Annual inspection.	YES	
Agricultural Uses	Not Applicable.			N/A 2009

Westside Parcel Compliance Monitoring Date: September 2009 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp owned lands. 	Fall 2007	YES	Completed summer 2007
		Annual inspection.	YES	Annual Inspection complete 2009
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access. 	Spring 2008	YES	
		Annual inspection.	YES	Fence in good working condition, will need brush and down trees cleared in 2011
Vegetation Management	<ul style="list-style-type: none"> Revegetate the lowlands with native upland vegetation if agricultural use is discontinued. 	Fall 2011	YES	
		Annual inspection.	YES	
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	See Weed Control Appendix
		See Performance Tracking form.	YES	
Wetland and Riparian Habitat	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are 	Spring 2008	YES	

Westside Parcel Compliance Monitoring				
Date: September 2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Management	protected, no other action is required.	Annual inspection.	YES	Good Condition
Agricultural Uses	<ul style="list-style-type: none"> Establish an agricultural use or alternative reclamation plan for the parcel. 	Spring 2011	NO	N/A 2009
	Implement the following measures, if applicable:			
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment: 	Spring 2007 (or prior to initiating grazing)	NO	Grazing not taking place
		Annual inspection.	NO	
	<ul style="list-style-type: none"> Train lessee on forage utilization monitoring. 	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		As needed.	N/A	
	<ul style="list-style-type: none"> Obtain lessee forage utilization monitoring reports as 	Monthly	N/A	N/A

Westside Parcel Compliance Monitoring**Date: September 2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	required by the lease agreement.	See the Performance Tracking form.	N/A	
	<ul style="list-style-type: none">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	
	<ul style="list-style-type: none">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

Eastside Parcel Compliance Monitoring**Date: September 1, 2010****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none">Use appropriate methods to determine and demarcate PacifiCorp owned lands.	Fall 2007	YES	Completed
		Annual inspection.	YES	Completed
	<ul style="list-style-type: none">Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.	Spring 2008	YES	Fence in good working condition
		Annual inspection.	YES	
	<ul style="list-style-type: none">Close dispersed campsites using rocks or fences.	Spring 2007	YES	Completed
		Annual inspection	YES	Campsites remain closed
	<ul style="list-style-type: none">Remove existing fire rings at undesignated campsites.	Spring 2007	YES	Completed
		Annual inspection	YES	Looks Good
Vegetation Management	<ul style="list-style-type: none">Rehabilitate dispersed campsites, where necessary.	Spring 2007	YES	Completed

Eastside Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	YES	Good condition September 2010
	<ul style="list-style-type: none"> Revegetate the pastures with native upland vegetation if agricultural use is discontinued. 	Fall 2011	NO	
		Annual inspection.	YES	Pastures planted in alfalfa, not harvested this year
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	See Appendix
		Biannual Rx/Monitoring	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	
		Annual inspection.	YES	Remains protected
Agricultural Uses	<ul style="list-style-type: none"> Establish an agricultural use or alternative reclamation plan for the parcel. 	Spring 2011	N/A	N/A
	Implement the following measures, if applicable:			

Eastside Parcel Compliance Monitoring**Date: September 1, 2010****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none">Conduct annual pre-grazing forage height assessment:	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">Train lessee on forage utilization monitoring.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		As needed.	N/A	
	<ul style="list-style-type: none">Obtain lessee forage utilization monitoring reports as required by the lease agreement.	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	N/A
	<ul style="list-style-type: none">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	Grazing not taking place N/A

Eastside Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	N/A	
	<ul style="list-style-type: none"> 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	

Redpoint Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp owned lands. 	Fall 2007	YES	Completed
		Annual inspection.	YES	Completed
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV 	Spring 2008	YES	Fence in good working condition

Redpoint Parcel Compliance Monitoring
Date: September 1, 2010
Technician: Bryan Westerberg

Issue	Corrective Action	Timeframe	Completed?	Comments
	access.	Annual inspection.	YES	Fence in good working condition
	<ul style="list-style-type: none"> Close dispersed campsites using rocks or fences. 	Spring 2007	YES	Completed
		Annual inspection.	YES	No new camping-Looks good
	<ul style="list-style-type: none"> Remove existing fire rings at undesignated campsites. 	Spring 2007	YES	Completed
		Annual inspection.	YES	No new fire rings
Vegetation Management	<ul style="list-style-type: none"> Rehabilitate dispersed campsites where necessary. 	Spring 2007	YES	Completed
		Annual inspection.	YES	
	<ul style="list-style-type: none"> Revegetate with native upland vegetation if agricultural use is discontinued. 	Fall 2011	YES	
		Annual inspection.	YES	Still in agriculture, not farmed this year

Redpoint Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Vegetation Management (cont'd)	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	See Weed Appendix
		See the Performance Tracking form.	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	
		Annual inspection.	YES	Protected 2009
Agricultural Uses	<ul style="list-style-type: none"> Establish an agricultural use or alternative reclamation plan for the parcel. 	Spring 2011		N/A
	Implement the following measures, if applicable:			
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment: 	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A

Redpoint Parcel Compliance Monitoring**Date: September 1, 2010****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	N/A	
	• Train lessee on forage utilization monitoring.	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place 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 (for grazing or cultivation practices).	Spring 2007	N/A	N/A
		Annual inspection.	N/A	
	• Develop and inspect water at appropriate locations	Spring 2007	N/A	N/A

Redpoint Parcel Compliance Monitoring				
Date: September 1, 2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	or water trucking plan.	Annual inspection.	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"> Use appropriate methods to determine and demarcate PacifiCorp owned lands. 	Fall 2007	YES	Completed summer 2007
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access. 	Spring 2008	YES	Completed summer 2007
	<ul style="list-style-type: none"> Extend northern fenceline further into the river to prevent trespass grazing. 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. 	Annual inspection.	YES	<p>New Fence built by BLM-No trespass grazing this year</p> <p>Fence in good condition</p> <p>Signs good</p> <p>Some Carsonite markers on north west boundary have been damaged and need replaced</p>
	<ul style="list-style-type: none"> Install one sign at the planning area's south entrance that includes: (1) recreational rules; (2) "Part 8"; (3) 	Fall 2006	YES	

Mink Creek Parcel Compliance Monitoring
Date: September 1, 2010
Technician: Bryan Westerberg

Issue	Corrective Action	Timeframe	Completed?	Comments
	"No Fires"; (4) a "Speed Limit 10 mph"; and, (5) "Pack It In, Pack It Out" requirement.	Annual inspection.	YES	
	<ul style="list-style-type: none"> Maintain the parking area according to RTSP standards (p. 29). 	Ongoing	YES	
		Annual inspection/ Biweekly removal of debris.	YES	Parking area in good condition
	<ul style="list-style-type: none"> Maintain boat access (RTSP, p. 29). 	Ongoing	YES	
		Annual inspection.	YES	Boat access in go condition
	<ul style="list-style-type: none"> Close dispersed campsites. 	Spring 2007	YES	Completed
		Annual inspection.	YES	Campsites still closed, no activity

Mink Creek Parcel Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Remove existing fire rings at undesignated campsites. 	Spring 2007	YES	Completed
		Annual inspection.	YES	No new fire rings
	<ul style="list-style-type: none"> Rehabilitate dispersed campsites where necessary. 	Spring 2007	YES	Completed 2008
		Biannual or Annual Rx/Monitoring	YES	Weeds present, Canadian Thistle, lots of annual weeds
Vegetation Management (cont'd)	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	See Weed Appendix
		Biannual or Annual Rx/Monitoring	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	Zones and Wetlands protected
		Annual inspection	YES	
Agricultural Uses	Not Applicable.			

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">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.Maintain Oneida Project Road to prevent pushing sidecast material into riparian fringes along roadside.	Annual or more frequently as needed.	YES	Complete and ongoing
	<ul style="list-style-type: none">Maintain traffic signs along the Oneida Project Road.	Annual	YES	Good condition
	<ul style="list-style-type: none">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 at the Day Use Area.	Fall 2007	YES	Completed 2006
	<ul style="list-style-type: none">Fund law enforcement patrols along the Oneida Project Road May 1 through October 1.	Annual	YES	Completed and ongoing
	<ul style="list-style-type: none">Request that Franklin County cooperate to enforce the OHV ordinance on PacifiCorp land.	2007	YES	Complete and ongoing

Area-Wide Compliance Monitoring**Date: September 1, 2010****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none">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.	Memorial Day through Labor Day	YES	Complete and ongoing
	<ul style="list-style-type: none">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.	Fall 2006	Annual inspection.	Good condition September 2009
	<ul style="list-style-type: none">Coordinate with the BLM and other public agencies to designate the Oneida Project Road as the only motor vehicle route in the planning area.	Fall 2006	Year 1 of implementation.	Ongoing
Recreation Maintenance	<ul style="list-style-type: none">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.	Fall 2006	Year 1 of implementation.	Complete
	<ul style="list-style-type: none">Redesignate the potential campground site on the Eastside Parcel as Developed Recreation Area, but continue to manage it as Agricultural Lease Area until a feasible plan for campground development is brought forward by the BLM or another public entity.	As appropriate.	Year 1 of implementation.	Ongoing
	<ul style="list-style-type: none">Review status of potential campground on Eastside Parcel and re-classify site as Agricultural Lease Area if no feasible proposal for campground development has been accepted.	2016	One time, in 2016.	Ongoing

Area-Wide Compliance Monitoring Date: September 1, 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Inspect the planning area and document public use, recreational safety, road maintenance, and environmental impacts for PacifiCorp EMS. 	2011	5-year interval.	Ongoing
	<ul style="list-style-type: none"> Complete FERC Form 80 to assess recreational use levels. 	2012	6-year interval.	

ONEIDA SITE PLAN PERFORMANCE TRACKING

Oneida Plant Performance Tracking					
Date: 8-23-2010 Technician: Westerberg		Initial Performance Tracking: September 2009		Check if DFCs have been reviewed. <input type="checkbox"/>	
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, and WR3.)	<p>Are desired recreation activities occurring without discernable adverse environmental impacts*?</p> <ul style="list-style-type: none"> • Are recreation opportunities, rules, and boating and fishing access evident? • Has litter/debris been removed? • Is the portable toilet maintained? <p><i>*Applicable to the Oneida Narrows put-in, the Day Use Area, and the Take-Out and the "lawn area".</i></p>	OP1 <i>(located at Oneida Narrows put-in)</i>	YES X	Put-in looks good, may want to trim tree branches, ramp is getting kind of overgrown.
			OP2 <i>(located at Day Use Area)</i>	YES X	Day use area looks good
			OP3 <i>(located at "lawn area")</i>	YES X	Lawn area in excellent condition
			OP4 <i>(located at "Oneida take-out")</i>	YES X	Take-out looks good. New fence built by BLM-No Trespass grazing

Eastside Parcel Performance Tracking					<input type="checkbox"/>	Check if DFCs have been reviewed.
Date: 8-23-2010		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? <ul style="list-style-type: none"> • <i>Have firerings been removed and rehabilitated?</i> • <i>Is trampled vegetation in the area recovering?</i> 	EP1	YES X	Riparian area looks good, lots of growth	
			EP2	YES X	Old fire pits removed, area looks good.	
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 X	Riparian looks good, lots of new growth.	
			EP4	YES X	Riparian looks good, lots of new growth	
			RP3	YES X	No change in woody species. In 2010 moved RP3 to East Side Parcel Monitoring, because the photopoint is located in Eastside parcel not red pt, Red point will only have two photo pts from then on.	
			RP4	YES X	Looks good overall. In 2010 moved RP4 to East Side Parcel Monitoring, because the photopoint is located in Eastside parcel not red pt, Red point will only have two photo pts from then on	

Redpoint Parcel Performance Tracking					<input type="checkbox"/>	Check if DFCs have been reviewed.
Date: 8-23-2010 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 and gate placement? <ul style="list-style-type: none"> • <i>Have firerings been removed and rehabilitated?</i> • <i>Is trampled vegetation in the area recovering?</i> 	RP1	YES x	Riparian in good condition, lots of new growth.	
			RP2	YES x	Locked gates to prevent last years off road access (2009)—Area looks good, vegetation has recovered and increased.	
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		Moved to East Side Parcel Because locations are in that Parcel.	
			RP4		Moved to East Side Parcel because locations are in that Parcel.	

Oneida Performance Tracking Photos 2010

Oneida Plant



OP 23 August 2010



OP2 23 August 2010

Oneida Plant Parcel



OP3 September 2009

Mink Creek Parcel



OP4 23 August 2010

Red Point Parcel



RP1 23 August 2010

Red Point Parcel



RP2 23 August 2010

East Side Parcel



RP 3 23 August 2010



RP4 September 2009

East Side Parcel



EP1 23 August 2010



EP2 23 August 2010

East Side Parcel



EP3 23 August 2010



EP4 23 August 2010

Appendix E

Soda Site Plan Compliance Monitoring and Performance Tracking

SODA SITE PLAN COMPLIANCE MONITORING

North Agricultural Parcel Compliance Monitoring				
Date: September 2010		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp owned lands and public access policies. 	Spring 2009	Yes	
		Annual N/A	Baseline	
	<ul style="list-style-type: none"> Request placement of hazard signs on the Second Bridge abutment by Caribou County. 	Spring 2009	No	
		N/A	NO	
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures in localized, internal areas. 	Spring 2009	Yes	There is lots of black henbane east of housing in the buffer and around the old buildings. Lots of Musk thistle and other noxious weeds throughout. Needs more treatment.
		See the Performance Tracking	Yes	
	<ul style="list-style-type: none"> Cooperate with IDFG in developing sharp-tailed grouse and other wildlife habitat on peninsula. 	Fall 2009	Yes	6,000 shrubs planted in 2009—More plantings in fall 2010 planned.
		Annual	Yes	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Expand riparian buffers as appropriate and delineate shoreline buffer. 	Fall 2008	Yes	Completed fall 2010 Look Good
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Complete the boundary fence along the eastern boundary near PacifiCorp housing area. 	Fall 2008	No	Review needs in 2010
		N/A		

North Agricultural Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	<ul style="list-style-type: none"> Revise lease to ensure consistency with LMP. 	Spring 2009	Yes	
		As Needed	ongoing	
	<ul style="list-style-type: none"> Eliminate Grazing from lease. 	Spring 2009	YES	
		N/A		
	<ul style="list-style-type: none"> Monitor buffers for weed populations expanding from agricultural lease area. 	Spring 2009	Yes	Lots of Russian thistle east of Second bridge road in buffer. Musk Thistle—Grass improved from 2009
		Annual N/A	YES	

Morristown Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp owned lands and public access policies. 	Spring 2009	Yes	
		Annual N/A	YES	

Morristown Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Maintain fence and boundary post condition on all boundaries, particularly north of the highway. 	Spring 2009	Yes	Inspection September 2010, Pipe line Being installed north of highway, check at later date to ensure fence was repaired
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Install gate with walk-in access at the Morristown site to prevent motorized access to the reservoir beyond. 	Summer 2009	Yes	Gate present, but opened—people still driving to the shoreline—gate needs Lock
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Improve the signage at the Morristown Historical Site to address safety and liability concerns. 	Summer 2009	No	No signage at site
		Annual N/A	No	
	<ul style="list-style-type: none"> Request the Caribou County cooperate to improve maintenance of the toilet facility at the Oregon Trail Park and Marina. 	Spring 2009	Yes	Look good
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Eliminate agricultural lease on 10-acre property east of marina. 	Spring 2009	Yes	
		N/A	Yes	
	<ul style="list-style-type: none"> 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. 	Summer 2009 N/A	Ongoing	

Morristown Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures in localized, internal areas, particularly around the Morristown Historical Site. 	Spring 2009	Yes	Lots of Canadian Thistle
		See Performance Tracking	Yes	
	<ul style="list-style-type: none"> Consult with IDFG on possible vegetation enhancement on Conservation Lands to improve wildlife habitat. 	Summer 2009	No	
		As Needed	Ongoing	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Eliminate shoreline grazing through fencing and lease revision. 	Fall 2008	Yes	No Grazing
		Annual N/A	Yes	
Agricultural Uses	<ul style="list-style-type: none"> Eliminate lease to ensure consistency with LMP. 	Spring 2009	Yes	
		N/A		

Bear River Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and public access policies. 	Spring 2009	YES	New Fences build spring 2010
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Close the vehicle access to the dispersed campsites on the river's northern and southern shores using rocks or fences. 	Summer 2009	No	Needs more fencing scheduled 2011.
		Annual N/A	No	
	<ul style="list-style-type: none"> Fence out adjacent owners who are using PacifiCorp land for an extension of their backyards. 	Spring 2009	Yes	Completed
		N/A	Yes	
	<ul style="list-style-type: none"> Remove the existing fire rings at the undesignated campsites and monitor to ensure natural vegetation returns. 	Summer 2009	Yes	New roads being created in area, needs more fencing
		Annual N/A	Yes	
Vegetation Management	<ul style="list-style-type: none"> Consult with IDFG on possible vegetation enhancement on conservation lands to improve wildlife habitat. 	Fall 2009	No	
		As needed	Ongoing	
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the road and enforce lessee weed control lease provisions in cultivated areas. 	Spring 2009	Yes	Canada Thistle, Musk Thistle—September 2010
		Annual N/A	Yes	
Wetland and	<ul style="list-style-type: none"> Complete shoreline buffer posting along south side 	Fall 2009	Yes	Completed

Bear River Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Riparian Habitat Management	of the river.	Annual N/A	Yes	
	<ul style="list-style-type: none"> Place vehicle barriers where necessary/ 	Fall 2009	No	New roads being created, fencing planned 2011.
		Annual N/A	No	
Agricultural Uses	<ul style="list-style-type: none"> Revise leases to ensure consistency with LMP. 	Spring 2009		
		As needed	Ongoing	
	<ul style="list-style-type: none"> Request that the lessee remove unauthorized fuel storage tanks from PacifiCorp property. 	Spring 2009	Yes	Completed
		Annual	Yes	
	<ul style="list-style-type: none"> Monitor buffers for weeds expanding from agricultural lease area. 	Summer 2009	Yes	September 2010, Musk Thistle and Canada Thistle
		Annual N/A	Yes	

South Agricultural Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies. 	Spring 2009	Yes	
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Create a new parking area on the east end of the dirt track to facilitate recreation use. 	Fall 2009	Yes	New Fencing completed spring 2010 to stop people from driving around parking area
		Annual N/A	Yes	
	<ul style="list-style-type: none"> 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. 	Summer 2009	Yes	
		N/A		
	<ul style="list-style-type: none"> Monitor the residential development to ensure no trespass or new encumbrances. 	Summer 2009	Yes	Good
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Pursue land exchanges with private landowners to consolidate PacifiCorp ownership patterns and land management practices. 	Fall 2009	Yes	
		As needed		
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the road in areas not under lease, and enforce lessee weed control lease provisions in cultivated areas. 	Summer 2009	Yes	Must Thistle scattered throughout.
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Consult with IDFG for possible vegetation 	Fall 2009	No	

South Agricultural Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	enhancements on Conservation Lands.			
		Annual	Ongoing	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Expand shoreline buffer as required to meet LMP and License objectives in cultivated areas. 	Fall 2009	Yes	
		Annual N/A	Yes	Buffers look good, some weeds
Agricultural Uses	<ul style="list-style-type: none"> Revise leases to ensure consistency with LMP. 	Spring 2009	Yes	
		As needed		

Alexander Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies. 	Fall 2009	Yes	
		Annual N/A	Yes	

Alexander Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> 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). 	Spring 2009	Yes	
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Remove existing fire rings and litter at the unauthorized campsite. 	Summer 2009	Yes	New fire rings have been built. September 2010 Rope swing platform has been constructed, Camping
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Pursue exchange of western and eastern parcels with BLM. 	Fall 2009	No	
		As needed	Ongoing	
	<ul style="list-style-type: none"> Consider offering a future lease for the camping site to the BLM or State of Idaho for a managed campground. 	Future	Ongoing	
		As needed		
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures in localized areas in the parcel. 	Spring 2009	Yes	Musk thistle, Canada Thistle
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Eliminate vehicle access to parcel and remove fire rings to reduce fire danger. 	Spring 2009	Yes	
		Annual	Yes	Fire rings have been rebuilt., September 2010

Alexander Parcel Compliance Monitoring Date: September 2010 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		N/A		
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Reduce shoreline impact by closing campsite to vehicle access. 	Spring 2009	Yes	
		Annual N/A	Yes	
	<ul style="list-style-type: none"> Monitor recreation impacts to shoreline per the RTSP. 	Summer 2014		
		Every 5 years		
Agricultural Uses	(No agricultural uses are authorized on the parcel.)	N/A		
		N/A		

Soda Performance Tracking Photos

North Agricultural Parcel



NA 1 September 2010



NA 2 September 2010



NA 3 September 2010



NA 4 September 2010

Morristown Parcel



MO 1 September 2010



MO 2 September



MO 3 September 2010



MO 4 September 2010

Bear River Parcel



BR 1 September 2010



BR 2 September 2010

South Agricultural Parcel



SA 1 September 2010



SA 2 September 2010



SA 3 September 2010

Alexander Parcel



AL 1 September 2010



AL 2 September 2

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: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus)				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public access. 	Summer 2009	YES	Boundaries marked. Public access locations need to be clarified on the ground.
	<ul style="list-style-type: none"> 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. 	Summer 2009	YES	
	<ul style="list-style-type: none"> Establish and maintain gates on unimproved roads unsuitable for public motorized access. 	Fall 2009	YES	NOTE: proposed gates on northwest property were replaced with cattle guards.
Vegetation Management	<ul style="list-style-type: none"> Revise the weed control contract to include backpack spraying and other appropriate techniques. 	Spring 2009	YES	
	<ul style="list-style-type: none"> Reseed the upland area where livestock have damaged ground above the ramp leading to the old ford to native grasses and forbs. 	Fall 2009	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> 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. 	Summer 2009	YES	Property boundary is fenced and cattle guards on road are in place.
	<ul style="list-style-type: none"> Reseed and replant the riparian area where livestock have damaged riparian areas at the old ford. 	Fall 2009	YES	
Agricultural Uses	<ul style="list-style-type: none"> Renegotiate leases to limit lessees to one annual cut of alfalfa, leaving the balance for wildlife. 	Spring 2009	YES	

Grace Dam Parcel Compliance Monitoring

Date: October 8, 2010

Technician: Bryan Westerberg, Bryan Dixon (Cirrus)

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public uses. 	Summer 2009	YES	Public Access locations need to be better demarcated on the ground.
	<ul style="list-style-type: none"> Ensure fence and fence post condition on boundaries as necessary to control trespass OHV and livestock grazing. 	Summer 2009	YES	Watch area south east of highway 34 bridge below Grace Dam for OHV use in the future.
	<ul style="list-style-type: none"> 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. 	Summer 2009	NO	No signs or other barriers in place. Areas that are currently fence will be maintained in the future. No additional fencing is proposed along the flowline.
	<ul style="list-style-type: none"> 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. 	Spring 2009	YES	Prohibition on fires and "Pack It In, Pack It Out" not as separate signs but are included in list of rules. Other signs and structures in place.
	<ul style="list-style-type: none"> Maintain the parking areas according to RTSP standards (p. 29). 	Spring 2009	YES	Appears well maintained.
	<ul style="list-style-type: none"> Provide overflow parking area if boater use exceeds capacity of gravel parking area. 	Spring 2009	YES	Parking appeared adequate on three boater flow days in 2010. Between 40 and 50 boaters attended each of these events.
	<ul style="list-style-type: none"> Maintain boat access at the Grace Dam put-in and consider placing rocks in river to create eddy for safer boat launch. 	Spring 2009	YES	Boat access available; no eddy, but may not be necessary.
	<ul style="list-style-type: none"> 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. 	Spring 2009	YES	Not applicable in 2010.
	<ul style="list-style-type: none"> Install boulders or other barriers to prevent vehicles from accessing the area under the bridge to reduce loitering and littering. 	Fall 2009	NO	Barriers not in place.

Grace Dam Parcel Compliance Monitoring				
Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus)				
Issue	Corrective Action	Timeframe	Completed?	Comments
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and project roads as well as in localized, internal areas. 	Spring 2010	NO	Weeds abundant, especially musk thistle and houndstongue. No weed control actions apparent.
	<ul style="list-style-type: none"> Discontinue grazing on small (approximately 1-acre) parcel north of residence and east of Grace Dam to allow revegetation of riparian strip. 	Spring 2009	YES	New fence in place and in good condition. No erosion problem evident. Appears to have been grazed this year by horse(s) but not heavily. No livestock apparent on monitoring date.
Agricultural Uses	<ul style="list-style-type: none"> No agricultural uses. 	Spring 2009	YES	

Flowline Parcel Compliance Monitoring				
Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus)				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public access. 	Summer 2009	YES	Boundaries are marked but public access is not posted.
	<ul style="list-style-type: none"> 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 post condition on all boundaries to prevent unauthorized public access, trespass grazing, and OHV access. 	Spring and Summer 2009	NO	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.
	<ul style="list-style-type: none"> Negotiate easement with Last Chance Canal Company for catch basin at end of canal to require appropriate hazard warnings around the basin, near debris piles, and at the escarpment. Ensure that posted warnings are maintained by the canal company. 	Fall 2009	NO	

Flowline Parcel Compliance Monitoring**Date: October 8, 2010****Technician: Bryan Westerberg, Bryan Dixon (Cirrus)**

Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none">Notify party using the 47-acre triangular parcel without a lease for grazing horses to remove livestock.	Spring 2009	YES	
Vegetation Management	<ul style="list-style-type: none">Monitor 47-acre triangular parcel previously used by horses; reseed if necessary to improve wildlife habitat.	Fall 2009	YES	No recent livestock use apparent; signs of wildlife use include mammal (coyote and avian) scat.
	<ul style="list-style-type: none">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.	Fall 2009	NO	Debris still in place, no removal apparent.
	<ul style="list-style-type: none">Where necessary, revegetate the disturbed uplands around the surge tank that are not included in agriculture leases with native upland grasses and forbs.	Fall 2009	NO	No evidence of reseeding around surge tank.
	<ul style="list-style-type: none">Undertake appropriate weed control measures along the flowline and in localized, internal areas.	Spring 2010	NO	Contractor did not treat weeds along the flowline in 2010 due to a miscommunication.
Wetland and Riparian Habitat Management	<ul style="list-style-type: none">As long as the wet areas under the flowline are not being grazed, no other action is required.	Spring 2009	YES	No grazing apparent.
Agricultural Uses	<ul style="list-style-type: none">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.	Summer 2009	NO	
	<ul style="list-style-type: none">Negotiate updated lease terms with farmers cultivating the narrow strips west of the flowline and near the surge tank.	Spring 2009	NO	

GRACE DAM AND LAST CHANCE PERFORMANCE TRACKING

Last Chance Performance Tracking Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus) Initial Performance Tracking: <div style="float: right; border: 1px solid black; padding: 2px 5px; margin-top: -10px;">X</div> Check if DFCs have been reviewed.					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	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? • <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> • <i>Has the extent of bare ground been reduced enough to minimize soil erosion?</i> • <i>Has the fence around the old ford been removed so as not to obstruct use of the riparian zone by wildlife?</i>	LC1 <i>(at top of ramp leading to old ford)</i>	YES	Area seeded and old fences removed. Area is secured from cattle trespass by boundary fences and cattle guards on old dirt road. Weed control will commence in 2011.
			LC2 <i>(on west side of river at old ford)</i>	YES	See above.
Vegetation Management	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? • <i>Are native plants established and free of invasive species?</i>	LC3 <i>(on western edge of agricultural field at narrowest point in southwest piece)</i>	NO	Sagebrush-steppe community healthy. Weeds still pervasive, especially along edge of fields. Abundance of native vegetation increases away from edge of fields. Musk thistle, Japanese brome, and cheat grass apparent.
			LC4 <i>(on east side of river at old ford)</i>	NO	Sagebrush-steppe community healthy. Weeds still pervasive, especially musk thistle along edge of river.

Last Chance Performance Tracking Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus) Initial Performance Tracking:					
				<div style="border: 1px solid black; display: inline-block; padding: 2px;">X</div>	Check if DFCs have been reviewed.
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 and helping to support wildlife? <ul style="list-style-type: none"> • <i>Are agricultural operations limited to the area designated for agriculture?</i> • <i>Are crops limited to alfalfa, and is only the first cut removed, leaving the balance for wildlife?</i> • <i>Is soil loss minimized during tillage, and are weeds appropriately managed?</i> 	LC5 <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.
			LC6 <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: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus) 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, PA3, PA4, PA6, PA7, VM1, VM2, VM3, WR1, WR2, WR3, WR4)	<p>Are established recreation areas receiving substantial use, and do these visitors have a minimal impact?</p> <ul style="list-style-type: none"> <i>Is there evidence of boaters taking advantage of the developed recreation site for whitewater boating at appropriate flows?</i> <i>Are soil and vegetation impacts limited to the parking area, put-in ramp, and narrow strips around roadways?</i> 	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 2010. 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.)	<p>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?</p> <ul style="list-style-type: none"> <i>Are native plants being reestablished?</i> <i>Are weedy species reasonably sparse and being managed appropriately?</i> <i>Is the percentage of bare ground small enough to minimize soil erosion?</i> <i>Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife?</i> 	GD2 (along east side of Flowline, south of river, and west of Highway 34 bridge)	NO	ATV trespass off roads apparent round boater access parking lot. Weeds have apparently not been managed recently. New boundary fences around Grace Dam are in place. New fence north of river and west of Hwy 34 under construction. Unnecessary interior fences have been removed. Flow line will not be fenced were it is not currently.

Grace Dam Performance Tracking					
Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus) 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
Vegetation Management	VM3 - habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2.)	<p>Are areas in uplands relatively free of weeds and composed of a healthy mix of native grasses, forbs, and shrubs?</p> <ul style="list-style-type: none"> • <i>Are weedy species reasonably sparse and being managed appropriately?</i> • <i>Are native plants being reestablished?</i> • <i>Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife?</i> 	GD3 (south of road to recreation parking area and east of Highway 34)	NO	No apparent effort to control weeds in most places. Musk thistle particularly obvious. Contractor miscommunication in 2010 left these areas untreated.
Wetland and Riparian Habitat Management	WR1 - Wetland and riparian resources, spring complexes, and the river shoreline are buffered and protected. (Also WR2, WR3, WR4.)	<p>Are areas along waterways formerly damaged by livestock free of invasive plants, and is bare ground being replaced by native grasses and forbs?</p> <ul style="list-style-type: none"> • <i>Are native plants being reestablished?</i> • <i>Are weedy species reasonably sparse and being managed appropriately?</i> • <i>Is there an adequate buffer of healthy riparian vegetation along the water's edge?</i> • <i>Have fences been established and are they preventing livestock trespass but not obstructing use by wildlife?</i> • <i>Are recreation users (fishers) having minimal impact on the riparian zone north of the river and west of the Highway 34 bridge?</i> 	GD4 (east of dam and north of residence near water's edge)	NO	Fence under construction. Much evidence of heavy livestock use this past year, even to water's edge. Weedy species pervasive.
			GD5 (on north side of river and midway between Highway 34 and old RR bridge)	NO	Trail of use by fishers apparent along edge of river, but no serious resource damage.

Flowline Performance Tracking					
Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus) Initial Performance Tracking: <input checked="" type="checkbox"/> 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, PA5, PA6, PA7, VM1, VM2, VM3)	<p>Does public use of the 5- acre and 47-acre Upland Conservation areas have a minimal impact?</p> <ul style="list-style-type: none"> Is there evidence of hunters and others utilizing the conservation areas appropriately? Is there evidence of wildlife taking advantage of the available habitat? Are soil and vegetation impacts minimal and vegetation cover for upland birds and other species adequate? 	FL1 (west edge of 5-acre triangular parcel at junction of One Mile Road and Varley Road)	YES	Little evidence of significant public use.
			FL2 (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 rounds on the 47 acre parcel.
Vegetation Management	VM3 - habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2.)	<p>Are areas in uplands relatively free of weeds and composed of a healthy mix of native grasses, forbs, and shrubs?</p> <ul style="list-style-type: none"> Are weedy species reasonably sparse and being managed appropriately? Are native plants being reestablished? Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife? 	FL3 (in uplands west of surge tank)	NO	Heavy infestations of musk thistle, Canada thistle, and other weeds, especially in 5-ac parcel and along edge of agricultural fields. All fencing is in except in area north west of HWY 34 bridge. Old interior fences have been removed.

Flowline Performance Tracking					
Date: October 8, 2010 Technician: Bryan Westerberg, Bryan Dixon (Cirrus) Initial Performance Tracking:				<input checked="checked" type="checkbox"/> Mark if DFCs have been reviewed.	
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. (Also AU4.)	Are agricultural practices appropriate for the leased parcels? <ul style="list-style-type: none"> • <i>Are agricultural operations limited to the area designated for agriculture?</i> • <i>Is soil loss minimized during tillage, and are weeds appropriately managed?</i> 	FL4 (in fields west of flowline and west of River Road)	YES	Musk thistle and other weeds around perimeter of agricultural fields not controlled.

Appendix G

Bear River Hydroelectric Project – 2011 Implementation Schedule

Table G-1. Bear River Hydroelectric Project - 2011 Implementation Schedule						
License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 401	2010 Annual Report	Report in consultation with ECC	1-Jan-05	22-Dec-33	1-March-11	Includes results of studies/monitoring, description of anticipated activities, report of funding accounts, and compliance with operational requirements. Draft report to ECC before January 15.
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-11	\$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 G-1. Bear River Hydroelectric Project - 2011 Implementation Schedule						
License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 405	Habitat Restoration Program	Funding for habitat and water quality enhancements	22-Dec-04	22-Dec-33	22-Dec-11	\$167K/yr; funds may also be used for land and water acquisition or fish passage; may carry over to subsequent years.
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-11	\$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.
Art. 407	Monitoring in Black Canyon	Funding for surveys, studies, reports, six year study term	1-Apr-05	1-Apr-11	2-May-11	\$35K/yr; funds carry over to subsequent years; after 2010, balance carries over to Conservation Hatchery Program.
Art. 408 (replaced by Cove Decommissioning Order)	Implement minimum flows	Documented annually to the FERC	2-Dec-05	22-Dec-33	1-March-11	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-March-11	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	Implementation of this article is suspended until completion of Black Canyon Monitoring and fish stranding study pending review by ECC at that time. The ECC will make a recommendation to FERC to delete, continue or modify this article after completion of monitoring activities and boater flow ramp rate study. Report due to FERC February 1, 2011.

Table G-1. Bear River Hydroelectric Project - 2011 Implementation Schedule

License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 410	Kackley Springs	Implement flow redirection plan.	22-Dec-08	22-Dec-09	22-Dec-09	This project was completed in 2009.
Art. 412	Implement ramp rates	Documented annually to the FERC.	22-Dec-04	22-Dec-33	1-Mar-11	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.
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.
Art. 415	Operations and Compliance Plan Implementation	Documented annually to the FERC	22-Dec-04	22-Dec-33	1-Mar-11	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	1- Oct-05	28-Feb-06	30-June-11	Provides updated procedures for calibrating equipment and releasing instream flows.
Art. 416	Oneida campground funding	Reimbursement to BLM	1-May-05	22-Dec-33	1-Oct-11	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-11	\$3K reimbursement to county; does not carry over.
Art. 417	Maintain signs along Oneida road	Review, repair and replace signs as needed.	1-May-05	22-Dec-33	15-May-11	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.

Table G-1. Bear River Hydroelectric Project - 2011 Implementation Schedule

License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 417	Law enforcement	Check to Franklin County Sherriff's Department	1-May-05	22-Dec-33	1-Oct-11	\$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-11	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-11	On-going. 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-11	Record of water releases for power, irrigation, or flood control.
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.
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; flow 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	2-Jan-05	22-Dec-33	Ongoing	FERC Order approving HPMP was received in 2008. Implementation of plan to be reported

Table G-1. Bear River Hydroelectric Project - 2011 Implementation Schedule

License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
		and annual site monitoring.				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.
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 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	On-going. 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.