
Bear River Hydroelectric Project

FERC Project No. P-20



2009 Annual Report

Summary of License Implementation and Compliance

On the cover: Black Canyon of the Bear River from Turner Bridge near Grace, Idaho, between the Grace Diversion and Powerhouse.

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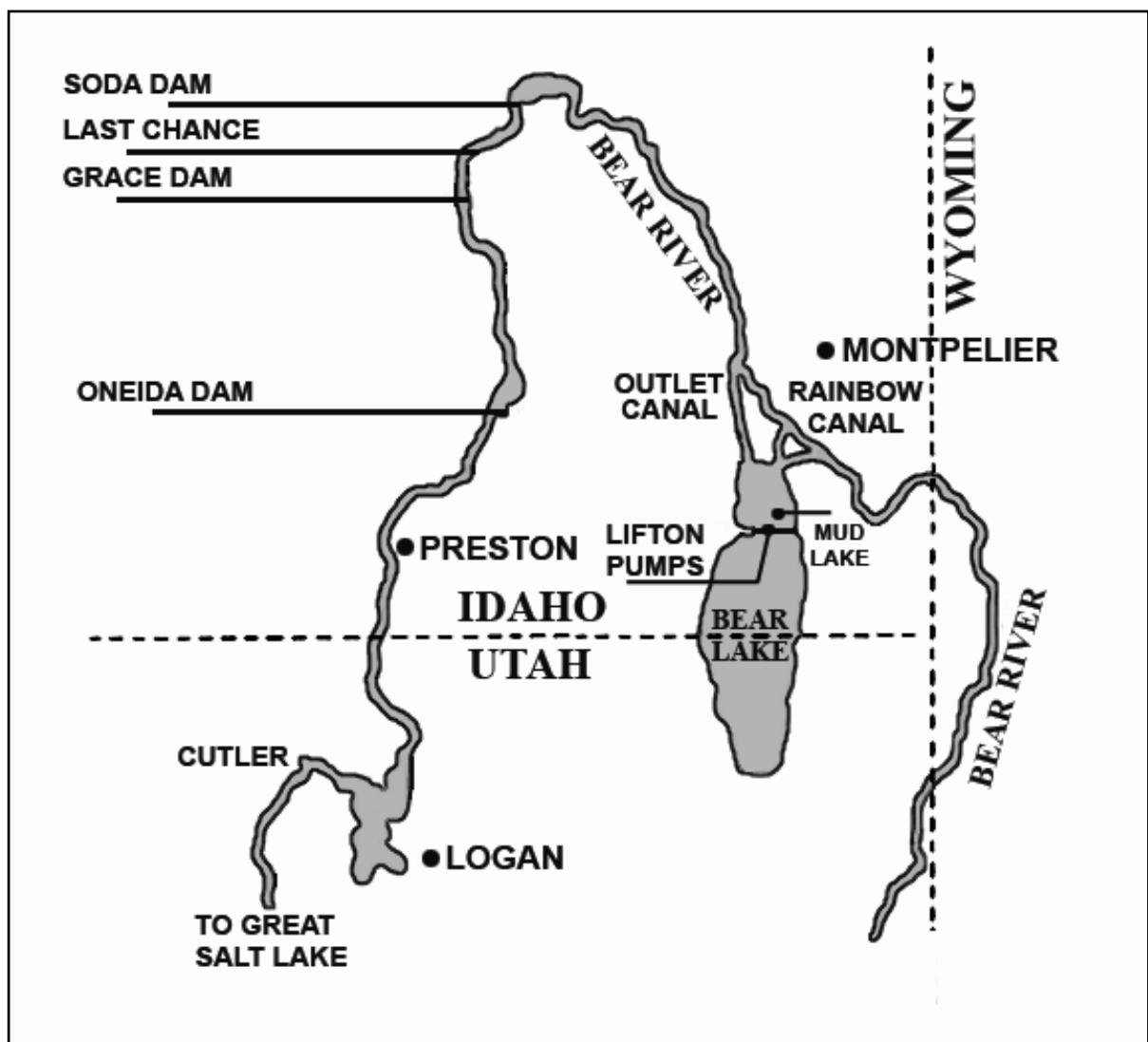
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Appendix G: 2010 Implementation Schedule



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

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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. P-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 2009.

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 2009 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: IDEQ Correspondence regarding Grace/Cove Water Quality Monitoring and the Oneida Water Quality Study
- Appendix C: Grace-Cove Site Plan Compliance Monitoring and Performance Tracking
- Appendix D: Cove Shoreline Buffer Fence Annual Monitoring Report
- Appendix E: Oneida Site Plan Compliance Monitoring and Performance Tracking
- Appendix F: Soda Site Plan Compliance Monitoring and Performance Tracking
- Appendix G: 2010 Implementation Schedule

1.4 Reports and Studies Completed in 2009

The following reports and studies were completed during the 2009 reporting period and have been submitted along with this annual report to the FERC:

- Bonneville Cutthroat Trout Telemetry Study
- 2008 Black Canyon Monitoring Report
- Black Canyon Boater Program Ramp Rate Study, Year 2
- Soda Site Plan
- Oneida Development Water Year 2009 Operations Report



Figure 1. Bear Lake overlook.

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 2009 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 2009 reporting period, the ECC met five 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 2009 is shown in Table 2-1.

Table 2-1. ECC Member Meeting Participation during 2009.						
ECC Member	Affiliation	ECC Meeting Date				
		1/21	4/15	6/17	10/21	12/16
Blaine Newman Arn Berglund, Alternate	Bureau of Land Management					x
Katie Strong Marv Hoyt, Alternate	Greater Yellowstone Coalition	x	x	x	x	x
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United					
Jim Mende David Teuscher, Alternate	Idaho Department of Fish and Game	x	x			x
Mary Lucachick (No Alternate)	Idaho Department of Parks and Recreation	x	x	x	x	x
Damien Miller Cary Myler, Alternate	U.S. Fish and Wildlife Service		x		x	x
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	x	x		x	
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes					
Jim Capurso Louis Berg, Alternate	USDA-Forest Service				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
Susan Rosebrough Dan Miller, Alternate	National Park Service					
Mark Stenberg Eve Davies, Alternate	PacifiCorp	x	x	x	x	x

2.3 Overview of the Meetings

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

ECC Meeting #1 - January 21, 2009

- Heard updates on Idaho Department of Fish and Game's Irrigation Diversion Inventory and Bonneville Cutthroat Trout (BCT) Telemetry Study, the Grace/Last Chance Site Plan, the BCT Restoration Plan, the 2008 Bear River Hydroelectric Project Annual Report, the 2009 grant project cycle, and current grant projects funded by the ECC.
- Heard information items on a proposed dam on the Bear River Narrows, a potential project on the Gentile diversion, and The Nature Conservancy's Conservation Action Planning on the Bear River.
- Reviewed the ECC's decision making process.
- Heard an accounting of 2008 habitat enhancement and land and water acquisition funds.

- Reviewed the stewardship fund agreement between PacifiCorp and Sagebrush Steppe Land Trust.
- Reviewed and approved the 2009 schedule of whitewater boater flows developed by PacifiCorp and American Whitewater.

Funding Proposal Subcommittee Meeting – March 18, 2009

- Reviewed and ranked 2009 grant proposals.

ECC Meeting #2 – April 15, 2009

- Heard updates on the 2009 Black Canyon Boater Program Ramp Rate Study, Kackley Springs, the upcoming drawdown of Alexander Reservoir for annual maintenance, and current grant projects.
- Reviewed and approved 2009 habitat enhancement grant projects as recommended by the subcommittee and approved by PacifiCorp, delaying action on the Anderson Eight-Mile Creek project pending additional information.
- Approved additional funding in the amount of \$3,305 for the Stauffer Creek habitat enhancement project to purchase gates.
- Held a broader discussion of items of concern from the March grant project ranking meeting, including how to watch for properties on streams of interest to the ECC and developing an ECC policy for bank stabilization projects.
- Heard a presentation from a representative of The Nature Conservancy on its Conservation Action Planning (CAP) process on the Bear River. Agreed to participate informally in the process, representing the middle Bear River. A series of three work sessions were planned, facilitated by Joan DeGiorgio of The Nature Conservancy.
- Viewed a slide show of work completed on the Trout and Whiskey Creek habitat enhancement projects.
- Took part in a field review of the Kackley Springs Reroute Project after the regular ECC meeting.

ECC Meeting #3 – June 17, 2009

- Heard updates on current grant projects.
- Heard a report on May 31 study results from the 2009 Black Canyon Boater Program Ramp Rate Study.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Land Trust.
- Granted approval to Sagebrush Steppe Land Trust to proceed with preparing a draft purchase agreement for a property on Birch Creek. Authorized funding for an appraisal.

The first of three work session facilitated by Joan DeGiorgio of The Nature Conservancy was held with interested ECC members after the regular ECC meeting. The group identified targets for conservation action planning on the middle Bear

River: wetlands, riparian and aquatic systems, then worked to develop "integrity tables," to create a snapshot of the ecological health of each system.

ECC Meeting #4 – October 21, 2009

- Heard updates on current grant projects, maintenance at Alexander Reservoir, and the 2008 Black Canyon Monitoring Study.
- Heard an accounting of habitat enhancement and land and water acquisition funds.
- Agreed to provide \$10,000 in habitat enhancement funding for repair to the Ovid fish screen and \$675 for repair to the Cub River Fish Screen.
- Discussed a new habitat enhancement proposal for design of a fish passage structure at Oneida Dam.
- Reviewed and approved the 2010 whitewater boater flow schedule.
- Reviewed data from the 2009 Black Canyon Boater Program Ramp Rate Study with representatives from Cirrus Ecological Services.
- Discussed the Soda and Grace Dam/Last Chance Site Plans.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Land Trust.
- Toured the completed Kackley Springs project.

Work continued on the Middle Bear River CAP process after the regular ECC meeting. The group identified and ranked threats to target areas where desired conditions are different than current conditions and discussed possible causes for differences.

ECC Meeting #5 – December 16, 2009

- Heard updates on current grant projects and an accounting of habitat enhancement and land and water acquisition funds.
- Discussed the 2010 grant proposal process and scheduling. Agreed on a calendar of ECC activities for the first half of 2010.
- Reviewed a draft ECC funding policy for streambank stabilization projects.
- Reviewed a potential addition to Idaho Department of Fish and Game's Georgetown Summit Wildlife Management Area with Paul Wackenhut, IDFG.
- Heard information on a landscape-level conservation easement program under consideration by U.S Fish and Wildlife Service from Damien Miller, USFWS.
- Discussed funding for maintenance and monitoring of ECC projects, ECC policy on meeting notes regarding land trust activities, and the 2011 boater flow schedule.
- Reviewed and discussed a habitat enhancement proposal for design of a fish passage structure at Oneida Dam.
- Heard updates on ECC-funded land and water acquisition projects from Sagebrush Steppe Land Trust.

Following the regular ECC meeting, interested ECC members participated in the third and final Middle Bear River CAP work session to develop strategies to address threats to and enhance target areas.

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 2009:

- Approved habitat enhancement funds in the amount of \$27,804 for the irrigation portion of the Eight-Mile Creek project. Declined participation in the stock watering portion of the project.
- Granted approval to Sagebrush Steppe Land Trust to proceed with preparing a draft purchase agreement with Laurie Harris for a conservation easement on the Harris property between Gentile Valley Road and the Bear River. Approved an expenditure from the Land and Water Acquisition Fund for an appraisal of the property.
- Approved purchase of the Harris conservation easement.
- Voted to increase the funding cap on the Harris conservation easement.
- Approved the final purchase agreement and sale for the 116-acre Harris conservation easement.
- Accepted the Funding Subcommittee's recommendation to spend \$60,000 of Habitat Enhancement funds to prepare a preliminary design report for fish passage at PacifiCorp's Oneida Narrows Project. This will include survey, design concept and a cost estimate.
- Made \$250,000 of Land and Water Acquisition funds available for grant matching and future funding of conservation easements in the Mink Creek drainage in Franklin County. These funds will be available for Sagebrush Steppe Land Trust and the Franklin County Soil and Water Conservation District to use as match for grant applications, and if grants are received, to be used toward closing costs and purchase. Five properties are included in this package.
- Funded up to \$330,000 for acquisition of a conservation easement and/or fee title for an approximately 400-acre property at Deep Creek in Franklin County, near Franklin, Idaho. Additional sources of funding may be available as discussed and reduce the level of funding from the ECC.

The ECC also conducted business by conference call during 2009. On March 17, ECC members discussed and agreed to support a water release protocol aimed at reducing river level changes downstream of the Grace Plant during inflow-dependent boater flow days and test days for the Black Canyon Boater Program Ramp Rate Study during 2009 and 2010, while the ECC's Black Canyon Monitoring Study, Fish Stranding Study, and Water Quality Monitoring studies are being completed.

Two ECC subcommittees met during 2009. The Black Canyon Monitoring subcommittee met after the regular ECC meeting January 21 to hear a presentation by a representative of American Whitewater who has worked extensively on a study on the North Feather River in California that is similar to the ECC's study in the Black Canyon.

The Funding subcommittee met March 18 to review and rank applications for habitat enhancement and land and water acquisition funds. In addition, the funding subcommittee held three conference calls during 2009. The purpose of the first call, held February 18, was to review applications for 2009 habitat enhancement funds, identify any additional information needs relative to the applications, and to assign project sponsors. During this call the subcommittee agreed to consider priorities established in the recently completed Bonneville Cutthroat Trout Restoration Plan when ranking projects. The second call, held November 19, was to review a new habitat enhancement proposal for design of a fish passage structure at Oneida Dam. A third call was held December 3 to rank the Oneida fish passage design proposal. The subcommittee agreed to recommend the proposal to the ECC for approval.

3.0 Accomplishments

This section presents the actions taken during 2009 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 2010 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 2009. A description of funding amounts deposited and disbursed during 2009 is provided in Section 4.0 - Funding.

Table 3.1-1 Accomplishments During the 2009 Report Period			
License Article	Accomplishments	Comments	Future Plans 2010
401	2008 Annual Report was filed with FERC.	Annual Report preparation and filing. To include studies and reports completed along with accounting for funds.	2009 Annual Report filed before March 1, 2010
402	Environmental Coordination Committee meetings conducted on January 21, March 18 (Grant Funding Subcommittee), April 15, June 17, October 21, and December 16, 2009.	ECC meetings were facilitated by PacifiCorp.	Meetings are expected to continue on approximately a bi-monthly schedule through 2010. The main agenda items will be grant fund project coordination, Black Canyon boater flows and monitoring, and the broodstock program.
403	The Bonneville Cutthroat Trout Telemetry Study was received from IDFG. Payment of 2008 and 2009 Broodstock Development Funds were made to IDFG.	Final Telemetry Report is submitted to FERC with this report.	The last broodstock development funding payment will be made to IDFG in 2010.
404	No action	Conservation Hatchery Program	Conservation Hatchery Program will commence on December 22, 2011
405	Funding requests were rated and ranked by subcommittee at a March 18 meeting and approved by the ECC at the April 15 and October 21 meetings and by email votes on July 6 and December 22.	Nine habitat enhancement projects were funded: <ul style="list-style-type: none"> • Kackley Springs Flow Reroute – plantings and extra channel work. • Cub River Upper Diversion • Aquatic Nuisance Species Signage • Keetch Fish Screen / Water Control • Bailey Creek Headwater Spring Fence • Battle and Mink Creek Corrals • Anderson 8-Mile Creek Irrigation Upgrade • Repair Ovid and Cub Screens • Conceptual Design for Fish Passage at Oneida Narrows Dam. 	Subcommittee is scheduled to evaluate new projects March 17, 2010, and will present recommendations to the ECC at its April 21, 2010 meeting.

Table 3.1-1 Accomplishments During the 2009 Report Period			
License Article	Accomplishments	Comments	Future Plans 2010
406	Following ECC approval, Sagebrush Steppe Regional Land Trust closed a 116-acre conservation easement on the Bear River below the Grace Project (Harris Conservation Easement). Funding for a conservation easement on Deep Creek in Franklin County was approved. Match funding was set aside for use in requesting grants to pursue five conservation easements in the Mink Creek Drainage in Franklin County. Following ECC approval, Sagebrush Steppe Regional Land Trust had a potential property on Birch Creek appraised and is moving forward with a draft purchase agreement.	Land and Water Conservation Fund	Subcommittee is scheduled to evaluate new projects in March 2010 along with Habitat Enhancement Projects. Because of the opportunistic nature of Land and Water Conservation Fund Proposals, they will be evaluated for funding at any time of the year.
407	Fifth year of Black Canyon monitoring was completed in October 2009. Consultant submitted 2008 Black Canyon Monitoring results.	The 2008 Black Canyon Monitoring report is submitted with this report.	Monitoring work in Black Canyon along with the Black Canyon Boater Program Ramp Rate Study (See Art. 412 accomplishments) will continue through 2010.
408	Notification of annual maintenance activities and timeframes were given to the ECC by the Environmental Coordinator via email on February 26, April 18, June 10, July 1, July 27 and September 17, 2009. A minimum flow deviation lasting approximately one hour occurred on November 14, 2009 at the Soda development due to system malfunction. No adverse environmental impacts were observed or reported. The deviation was reported to the FERC, which stated in a January 20, 2010 letter that the deviation was not a violation of Article 408 (a) of the license.	The licensee shall maintain continuous minimum bypass flows from the project development as follows: (a) Below the Soda dam: year-round minimum flow of 150 cfs, or inflow into the Soda reservoir, whichever is less; (b) Grace bypassed reach: a year-round minimum bypass flow of 63 cfs or inflow, whichever is less, in addition to 2 cfs leakage below the Grace dam; (c) Oneida reach below the powerhouse: a year-round minimum flow of 250 cfs or inflow, whichever is less, in addition to 1 cfs leakage below Oneida dam.	The minimum stream flow requirements will continue in accordance with procedures described in the Operations and Compliance Plan. Annual maintenance schedule to be given to ECC before March of 2010.
409	No new action	Fish Stranding Minimization Plan	A letter was received from FERC on 8/22/2008 granting PacifiCorp's request to suspend Art. 409 until the completion of the Black Canyon Boater

Table 3.1-1 Accomplishments During the 2009 Report Period			
License Article	Accomplishments	Comments	Future Plans 2010
			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.
410	Kackley Springs Reroute Project was completed in 2009.	Kackley Springs Reroute Project	Inspection for noxious weeds and revegetation success of native grass seeding and willow staking will be evaluated in May 2010. Corrective action will be taken based on inspection results.
411	No new action	Dam Leakage Minimization Plan	On-going annual measurement in compliance with license.
412	Implement ramping rate limitations. No exceedances were observed or reported during 2009. No temporary suspensions were requested in 2009. Notification of annual maintenance activities and timeframes were given to the ECC by the Environmental Coordinator via email. See Article 408 summary.	Ramping rate limitations are being followed at Grace, Soda, and Oneida. Black Canyon Boater Program Ramp Rate Study Year 2 Report is submitted to FERC along with this annual report.	The ramping rate limitations will continue in accordance with procedures described in the Operations and Compliance Plan. Annual maintenance schedule to be given to ECC before March of 2010. Black Canyon Boater Program Ramp Rate Study (using one-foot increments) will continue through 2010.
413	On-going. Agreement was reached with IDEQ that the Oneida Project does not significantly cause or contribute to exceedances of water quality standards.	2009 Boater Flow water quality measurements are included in the Black Canyon Boater Program Ramp Rate Study Year 2 report submitted to FERC along with this annual report. IDEQ letters signing off on Grace/Cove Water Quality Monitoring and Oneida Water Quality Study are included in Appendix B.	Water quality data will be collected during the first five boater flow events in 2010.

Table 3.1-1 Accomplishments During the 2009 Report Period			
License Article	Accomplishments	Comments	Future Plans 2010
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 2010. Updates include new stream flow gaging equipment, change in compliance point at Grace dam, and publication of USGS stream flow data.
416/417	<ul style="list-style-type: none"> • Park maintenance payment was made to Caribou County for 2009 funding. • Law enforcement payment was made to Franklin County for 2009 funding. • Dust abatement applications were made around the campgrounds and day-use area. • Oneida Campground Maintenance payment was made to USDI-BLM for 2009 funding. • Oneida Project Road culvert replacements were completed in 2009. 	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	2009 whitewater boater schedule was prepared as required and submitted to the ECC and FERC.	Boating Flow Release Plan	Submit the 2010 whitewater schedule to FERC. The 2010 schedule was coordinated and approved by the ECC in October of 2009.
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	Flow-dependent and scheduled releases will continue in spring of 2010 per the fish stranding test schedule and flow-dependent release criteria developed in 2008.
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. • Operational regime report was filed with IDEQ. 	Oneida Development Water Year 2009 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 2009 Report Period			
License Article	Accomplishments	Comments	Future Plans 2010
421	In 2009 a boater flow schedule was developed with American Whitewater after PacifiCorp provided the 2009 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.
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. Draft interpretive materials were prepared.	Historic Properties Management Plan	<ul style="list-style-type: none"> Continue to follow HPMP guidance for project review. Interpretive materials will be finalized and the first panels manufactured and installed in 2010. Provide HPMP report to FERC before January 22, 2010, deadline.
424/425/426	<p>The Soda Site Plan was finalized in 2009.</p> <p>Finalized updated Alexander Reservoir / Soda Site Plan leases</p> <ul style="list-style-type: none"> Grace Dam and Last Chance Site Plan was reviewed and approved by the ECC. Implementation actions completed at Grace Dam and Last Chance include: <p>1) Installation of property boundary markers and cattle exclusion fencing where needed.</p> <p>2) Marking of expanded reservoir buffer area at Grace forebay. Monitored and maintained Cove Buffer shoreline fence.</p>	<p>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.</p> <p>Site Plans and implementation are prioritized into the following order:</p> <p>1) Grace-Cove (Complete)</p> <p>2) Oneida (Complete)</p>	<ul style="list-style-type: none"> Implement initial Grace Dam and Last Chance Site Plan monitoring in 2010; continue monitoring as required for Grace-Cove, Oneida and Soda site plans. Finalize Grace Dam and Last Chance site plan monitoring forms in 2010. Implement the Grace Dam and Last Chance Site Plan along the Grace Flow Line in 2010. 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. Maintain Cove Buffer Shoreline fence (two

Table 3.1-1 Accomplishments During the 2009 Report Period			
License Article	Accomplishments	Comments	Future Plans 2010
	<p>3) Agricultural lease was modified on the Last Chance Parcels in a three-way agreement with lessee, IDFG, and PacifiCorp to change crop and provide a leave crop for winter forage.</p> <p>4) An agricultural field adjacent to the Grace Forebay was taken out of production and will be seeded with native grass in 2010.</p>	<p>3) Soda (Complete)</p> <p>4) Grace Dam (Substantially Complete)</p> <p>5) Last Chance (Substantially Complete)</p> <p>The final Soda Site Plan and site plan monitoring reports are submitted to FERC along with this annual report.</p>	segments) on non-company lands, per Art 426 requirements.
427	No new action	Expanded FERC Project Boundary	
Order Amending License and Revising Annual Charges – 62,205	No new action	<p>Cove Decommissioning Order</p> <p>Overall planting and seeding of reclaimed areas at the Cove Decommissioning site continue to exceed expectations for survival and growth. Native shrub colonization is also happening at unexpectedly high rates.</p>	No future plans.

3.1 Work Completed in 2009

3.1.1 Work Completed by License Article

Implementation Plan and Annual Reporting (License Article 401)

This 2009 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 2009; 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 2010 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 five times during the 2009 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 every other month in 2010, 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



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

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. A copy of the Telemetry Report is submitted to FERC with this report. Results of these studies were synthesized in a Comprehensive Bonneville Cutthroat Trout Restoration Plan prepared by PacifiCorp in consultation with the ECC during 2008.

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. During 2009 IDFG worked on improving 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. Additional broodstock were collected from Bear River tributaries in the Thatcher Reach. A portion of the funds were used to support the acclimation of collected fish at Kent Clegg's spring-fed fish ponds in Grace, Idaho.

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.

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 2009 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 15 proposals for habitat enhancement funding during the 2009 review period. These proposals were reviewed and ranked by subcommittee members on March 18, 2009. The subcommittee's rankings and funding recommendations were presented to the ECC for approval on April 15, 2009. Six habitat enhancement projects totaling \$110,500 were approved for funding by the ECC at that meeting. Action was delayed on one other project pending receipt of additional information. This project and two others were subsequently approved by the ECC later in the year, two by email vote of ECC members and one at the October 21 ECC meeting, bringing the final total obligated for Habitat Enhancement Grant funds in 2009 to \$208,979. These projects are described below.

Kackley Spring Complex and Channel Restoration

The ECC awarded \$9,000 to PacifiCorp to redirect the flow from Kackley Spring from its current channel, which goes directly to the Bear River (former forebay of the Cove Hydroelectric Project), along a longer route through the Kackley property. The project, completed in summer 2009, included rebuilding and removal of dikes and other water control structures and creation of a new stream channel on PacifiCorp lands. The project was undertaken to restore important tributary habitat for Bonneville cutthroat trout and complements other projects in the immediate area including the new Cove buffer fencing, the acquisition of the Kackley property, decommissioning of the Cove development, and implementation of PacifiCorp's Land Management Plan on this property and adjacent lands. PacifiCorp provided \$12,000 in in-kind funding, bringing the total cost of the project to \$21,000.

Cub River Upper Diversion Fish Screen Installation

Trout Unlimited and the Preston Whitney Irrigation Company were awarded \$40,000 to install a fish screen at the uppermost irrigation diversion on the Cub River near Preston, Idaho. This project will prevent Bonneville cutthroat trout and other native fish in the Cub River watershed from being entrained at an irrigation diversion that is known to entrain large numbers of fish. It will be the third of a series of fish screens funded by the ECC on the Cub River and will be designed and installed simultaneously with the middle diversion fish screen, approved by the ECC in 2008. Design for both projects was completed in fall 2009, concrete work for these was completed in November 2009, and the fish screens are planned for installation in the spring of 2010. Total cost of the upper diversion fish screen was estimated at \$100,000.

Aquatic Nuisance Species Signage

Caribou-Targhee National Forest was awarded \$3,000 to install interpretive signs at high-use boating and fishing areas on the Bear River instructing users to clean, inspect and dry their gear and crafts prior to and after entering the water in a effort to prevent the spread of aquatic invasive species, including New Zealand mudsnail and whirling disease. The project was completed during 2009. A \$3,000 in-kind match by the Forest Service brought the total cost of the project to \$6,000.

Keetch Fish Screen Water Control Structure

Private landowners Jean and Dan Keetch were awarded \$7,500 to partially fund this project, aimed at reducing water use and preventing entrainment of fish. This project involves converting 198 acres of cropland from flood irrigation to sprinkler.

Historically, water from the Bear River was diverted into an irrigation ditch and used to flood-irrigate the property. The project would convert the irrigation to sprinklers and includes 3,400 feet of conveyance pipe, an irrigation sprinkler system, a pumping plant, and a water control structure. The new structure will include a fish screen to prevent entrainment of BCT and other fish species in the irrigation system. This project is part of a Natural Resource Conservation Service EQIP contract. Total cost share from the NRCS is \$70,500 and \$62,000 from the project proponent for a total estimated cost of \$140,000. The project was completed during 2009.

Bailey Creek Headwater Spring Fence

The ECC awarded \$5,000 to Caribou-Targhee National Forest to supply fencing materials to protect the headwaters of Bailey Creek, near Soda Springs, Idaho. The 500-foot fence will be built by a local Boy Scout troop with supervision from Idaho Department of Fish and Game. The project is expected to be completed during 2010.

Battle and Mink Creek Corrals

The Franklin County Soil Conservation District was awarded \$46,000 to remove a series of six livestock corrals from the banks of Battle and Mink Creeks in Franklin County, Idaho. The combined effect of the six projects will be to improve water quality in Mink and Battle creeks by preventing animal waste from being washed into the streams. Mink Creek is one of the few spawning tributaries for Bonneville cutthroat trout downstream from Oneida Reservoir. Total cost of the project is estimated at \$201,367, with up to \$99,000 coming from Idaho Department of Environmental Quality in EPA 319 grant funds and a combined contribution of \$56,000 from the private landowners. This project was completed in 2009.

Anderson 8-Mile Creek Irrigation Upgrade

Private landowner Marvin Anderson was awarded \$27,804 for an irrigation upgrade project on 8-mile Creek in Caribou County, Idaho. The project consists of replacing a current irrigation diversion with one better suited for fish passage that will also prevent fish from swimming down the irrigation ditch. The ditch will be replaced with a pipeline to convey water to Anderson's property, where gated pipe will be installed to better facilitate water distribution on the land. Total cost of the project is estimated at \$131,000, with \$65,000 in funding from an NRCS EQIP grant and the rest from the landowner. Work on this project is anticipated to start in 2010.

Ovid and Cub Fish Screen Repair

At its October meeting, the ECC agreed to provide \$10,675 in habitat enhancement funds to Trout Unlimited for repair to fish screens on projects previously funded by the ECC at an irrigation diversion at Ovid and on the Cub River. The Ovid fish screen was retrofit with a rotary drum to address problems with the structure being repeatedly clogged with debris at a cost of approximately \$10,000. Repairs were made to the Cub River fish screen at the same time at a cost of \$675. Both projects were completed in October 2009.

Oneida Dam Fish Passage Structure Design

At its December meeting, the ECC approved a proposal to provide \$60,000 in habitat enhancement funds to prepare a conceptual design report for fish passage at PacifiCorp's Oneida Dam. The purpose of the design report is to determine the

feasibility of connecting Bonneville cutthroat trout stronghold populations upstream and downstream of the reservoir. The award would fund phase one of a multi-year project. Work to be completed in 2010 would include: 1) survey of the site and preparation of base maps for design work and 2) preparation of a conceptual design report, including a cost estimate. The project site is within the FERC Project Boundary for PacifiCorp's Oneida Project and is on BLM lands.

The goal of this project, if feasible, is to design, fund, and build fish passage at the Oneida Dam in 2017, putting this project in service at the mid-point of this 30-year hydro license.

Phase two of the project, dependent on future ECC funding approval, will include preparation of detailed design and construction cost estimates at a cost of \$60,000 in 2011 and \$60,000 in 2012. The total cost of all design phases is estimated at \$180,000. Based on the results of phase one, study of screening of the Oneida intakes may be included in the phase two scope (not currently included in the 2011 and 2012 cost estimates).

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.

Prior to the 2009 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 projects were approved by the ECC during 2009. See Section 4.0 for funding activity in the Land and Water Conservation Fund in 2009.

Harris Conservation Easement

Following ECC approval in November, Sagebrush Steppe Regional Land Trust closed on this 116-acre conservation easement on the Bear River below the Grace Hydroelectric Project. This conservation easement protects low wetland and riparian areas along the Bear River. A spring water source is also included in the conservation area. This landowner had previously completed exclusion fencing along the Bear River and the spring complex. This project complements the PacifiCorp ownerships in the area, and other Art. 406 acquisitions, including the Kackley property and the Cove conservation easements held by the land trust.

Deep Creek Conservation Easement

In December, the ECC agreed to fund up to \$330,000 for acquisition of a conservation easement and/or fee title for an approximately 400-acre property along Deep Creek in Franklin County near Franklin, Idaho. Deep Creek is a tributary to the Cub River and provides potential BCT spawning and tributary habitat.

In addition to these two easements, the ECC agreed to make \$250,000 in Land and Water Conservation funds available for grant matching and future funding of conservation easements in the Mink Creek Drainage, in Franklin County. These funds will be available for the Land Trust and the Franklin County Soil and Water Conservation District to use as match for grant applications, and if grants are received, to be used toward closing costs and purchase. Five properties totaling 2,784 acres were discussed at the December ECC meeting and included in this package.

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 fifth year of Black Canyon Monitoring was completed during 2009 and Oasis submitted results of 2008 monitoring. Monitoring work in Black Canyon, including data collection and reporting/documentation will continue annually through 2010. 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 February 26, April 18, June 10, July 1, July 27, and September 17, 2009. PacifiCorp's annual maintenance schedule for 2010 will be provided to the ECC before March 2010.

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;



Figure 2. Oasis Environmental surveys the Bear River from the Black Canyon overlook near Grace, Idaho.

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.

A minimum flow deviation lasting approximately one hour occurred on November 14, 2009 at the Soda development due to system malfunction. No adverse environmental impacts were observed or reported. The deviation was reported to the FERC, which stated in a January 20, 2010 letter that the deviation was not a violation of Article 408 (a) of the license.

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 in 2010. At that time, the need to implement,

change, or request removal of Article 409, based on study results, will be discussed with the ECC and a recommendation will be made to FERC in 2011.

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 during 2009. ECC members toured the completed project during the October meeting.

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 2009.

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 2009, and no temporary suspensions were requested. Notification of annual maintenance activities and timeframes were given to the ECC by the environmental coordinator via email on February 26, April 18, June 10, July 27, and September 17, 2009.

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. Year 2 of the study was completed during 2009. Upon completion of the three-year study, this information will be used—along with Black Canyon Monitoring Study results—to determine ramp rates and the future structure of the



Figure 3. Whitewater boater flows on the Bear River in Black Canyon viewed from Turner Bridge.

boater program. The 2009 Black Canyon Boater Flow Program Ramp Rate Study Year 2 Report is being submitted to FERC along with this annual report.

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. Two formal letters were received from IDEQ during 2009, one signing off on Grace-Cove Water Quality Monitoring and the other approved the results of the Oneida Water Quality Study (see Appendix B).

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 and 2009 whitewater releases and will continue in 2010. 2009 boater flow water quality measurements are included in the 2009 Black Canyon Boater Program Ramp Rate Study, submitted with this annual report.

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 (see Appendix B).

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 stream flow gaging equipment, the change in compliance point at Grace dam, and publication of USGS stream flow data, will be submitted to FERC in 2010.

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 2009, 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. Maintenance to gravel parking lots was performed; additional culvert maintenance on the Oneida Project Road and the provision of portable toilets was carried out.

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 2009 whitewater boating flows was prepared as required and submitted to the ECC and FERC. The ECC approved a schedule of 2010 whitewater boating flows in October 2009. The 2010 schedule will be 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 will occur 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 2009, 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. Flow-dependent and scheduled releases will continue in 2010 per the fish stranding test schedule and flow dependent release criteria developed in 2008.

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 2009, 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 2009 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 2009 in consultation with American Whitewater after PacifiCorp provided the 2009 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 2009.

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 a cultural resource training to all Bear River operations staff during 2009 and also prepared draft interpretive materials. The annual report on HPMP activities will be submitted to FERC prior to the January 22, 2010 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 will be completed (written) within 5 years after the LMP is approved, and are 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 and is submitted to FERC with this annual report. The Grace Dam and Last Chance Site Plan was reviewed and approved by the ECC during 2009. Implementation of this final site plan began during 2009, including installation of property boundary markers and cattle exclusion fences where needed, marking of an expanded reservoir buffer area at the Grace forebay. Noxious weed control activities were performed in 2009 as required in the site plans. The Cove Buffer shoreline fence was monitored as required during 2009. Monitoring forms are included in Appendix D of this report. Maintenance needs were noted and will be completed during 2010. Monitoring reports for Grace-Cove, Oneida, and Soda site plans are included in Appendix C, E, and F of this report, respectively.

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 2009.

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 overall, planting and seeding of reclaimed areas at the decommissioning site continue to exceed expectations for survival and growth. Native shrubs are also colonizing the area at unexpectedly high rates. The year 2009 was the final year of monitoring required by the USACE permit.

3.2 Work Anticipated in 2010

This section outlines work anticipated for license implementation and compliance during 2010. As noted in section 3.0, an implementation schedule for 2010 is included in Appendix G of this report. The 2010 implementation schedule updates and replaces the implementation schedule filed with the Implementation Plan in 2004, and the schedule included in the 2008 annual report.

- File 2009 Annual Report.
- Continue collaboration with stakeholders through ECC meetings held every other month (or more frequently, as needed).
- Make final broodstock development funding payment to IDFG for development of Bonneville cutthroat trout broodstock at the Grace Fish Hatchery in Grace, Idaho. Receive broodstock report from IDFG as required by funding agreement.
- Continue Habitat Enhancement Program - Subcommittee to evaluate projects in March 2010 and present recommendations to the ECC for approval in April 2010.
- Continue Land and Water Acquisition Program – Subcommittee to evaluate projects in March 2010 and as they are presented during the remainder of 2010.
- Complete final year of monitoring work in Black Canyon, including data collection and preparation of the final report.
- Continue to document required minimum flows.
- Provide PacifiCorp's annual maintenance schedule to the ECC before March 2010, consult with ECC in emergencies, as practical.
- Complete final year of three-year plan to evaluate the effect of whitewater boating flow down ramp rates in the Black Canyon.
- Collect water quality data during the first five boater flow events in 2010.
- 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.
- Maintain signs and recreation sites.
- Provide water year forecast to American Whitewater.
- Maintain website and flow phone.

- Continue to follow the Historic Preservation Management Plan (HPMP) guidance. Submit annual report on HPMP activities in January 2010.
- Finalize HPMP interpretive materials and install the first panels.
- Implement Grace Dam and Last Chance Site Plan along the Grace Flowline.
- Finalize Grace Dam and Last Chance monitoring forms and implement initial baseline monitoring.
- Continue monitoring as required for the Grace-Cove, Oneida and Soda Site Plans.
- Conduct ongoing maintenance of fences, gates, and boundaries in all site plan areas.
- Control noxious weeds.
- Maintain Cove buffer shoreline fence on non-company lands, per Art. 426
- Monitor compliance with site plan implementation measures and performance of those measures. Take corrective actions as identified.

4.0 Funding

This section presents an accounting to the end of calendar year 2009 of the funding obligations for Bear River Settlement Agreement and new license. Funding obligations noted as complete in the 2008 Annual Report are not included.

PacifiCorp Bear River Implementation Projects BCT Restoration Plan SA 3.1.1 315926					
Jan 2006 Beginning Balance			\$21,525.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
10/26/06	\$10.98	Meals Shrier		\$21,514.02	
10/26/06	\$28.12	Meals Shrier		\$21,485.90	
10/26/06	\$23.61	Meals Shrier		\$21,462.29	
10/26/06	\$15.00	Meals Shrier		\$21,447.29	
10/26/06	\$241.48	Lodging Shrier		\$21,205.81	
10/26/06	\$20.00	Airfare Shrier		\$21,185.81	
10/31/06	\$283.60	Airfare Shrier		\$20,902.21	
11/26/06	\$6.48	Meals Shrier		\$20,895.73	
11/26/06	\$12.00	Parking Shrier		\$20,883.73	
11/26/06	\$4.45	Meals Shrier		\$20,879.28	
11/26/06	\$122.58	Lodging Shrier		\$20,756.70	
11/30/06	\$23.75	Parking Shrier		\$20,732.95	
11/30/06	\$14.29	Meals Shrier		\$20,718.66	
	\$806.34				2006 Total
01/26/07	\$297.60	Airfare Shrier		\$20,421.06	
02/26/07	\$197.48	Lodging Shrier		\$20,223.58	
02/26/07	\$12.09	Meals Shrier		\$20,211.49	
02/26/07	\$5.28	Meals Shrier		\$20,206.21	
02/26/07	\$6.22	Meals Shrier		\$20,199.99	
02/26/07	\$34.93	Meals Shrier		\$20,165.06	
02/26/07	\$24.00	Parking Shrier		\$20,141.06	
10/26/07	\$390.06	Airfare Shrier		\$19,751.00	
11/26/07	\$119.36	Lodging Shrier		\$19,631.64	
11/26/07	\$9.52	Meals Shrier		\$19,622.12	
11/26/07	\$3.54	Meals Shrier		\$19,618.58	
11/26/07	\$298.99	Airfare Shrier		\$19,319.59	
11/30/07	\$219.48	Lodging Shrier		\$19,100.11	
11/30/07	\$11.00	Airfare Shrier		\$19,089.11	
	\$1,629.55				2007 Total
4/26/2008	\$496.00	Airfare Shrier		\$18,593.11	
4/26/2008	\$11.00	Airfare Shrier		\$18,582.11	
4/26/2008	\$152.10	Lodging Shrier		\$18,430.01	
4/26/2008	\$19.75	Meals Shrier		\$18,410.26	

PacifiCorp
 Bear River Implementation Projects
 BCT Restoration Plan SA 3.1.1
 315926

Jan 2006 Beginning Balance			\$21,525.00		
Posting Date	Invoice Amount (Debit)	Contract	Credit	Balance	Notes
4/26/2008	\$13.34	Meals Shrier		\$18,396.92	
4/26/2008	\$10.00	G. Transportation		\$18,386.92	
4/26/2008	\$20.00	G. Transportation		\$18,366.92	
4/26/2008	\$16.00	Parking		\$18,350.92	
4/26/2008	\$5.05	Parking		\$18,345.87	
4/26/2008	\$5.05	Parking		\$18,340.82	See note 1 below
	\$748.29				2008 Total
1) This amount can be applied to plan update expenses through the term of the new license.					

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 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 Broodstock Payment
	\$234,940.00				2009 Total
2010 Funding			\$120,636.21	\$119,542.08	ESTIMATE
FUTURE	\$119,542.08	IDFG		\$0.00	ESTIMATE

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	
6/28/2008	\$9,215.14	Oasis Environmental		\$21,685.48	

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
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			\$200.00	\$14,418.75	Estimate
2010 Funding			\$41,200.00	\$55,618.75	Estimate
2010 Study Year					
Future	\$4,600.00	Additional Single Sample		\$51,018.75	Processing 2009 sample
Future	\$32,450.00	Anticipated Billings		\$18,568.75	
	\$37,050.00				2010 Study Year Estimate
2010 Interest Credit			\$200.00	\$18,768.75	Estimate
2011 Final Report					
Future	\$4,800.00	Additional Single Sample		\$13,968.75	Processing 2010 sample
Future	\$13,950.00	Anticipated Billings		\$18.75	
	\$18,750.00				2011 Final Rpt. Estimate
*Total invoice \$4694.36: \$3457.00 = ECC Presentation, \$1236.40 = Ramp Rate Study Plan.					

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	

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	

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	

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
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

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)
	\$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 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

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)
12/17/2009	\$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			\$3,795.90	\$193,590.94	Estimate
2010 Funding			\$201,462.48	\$395,053.42	Estimate
	Outstanding Grant Fund Balances	2010 Anticipated Billings on Outstanding Balances			
FUTURE	\$5,000.00	\$5,000.00		\$390,053.42	2005 Williams Cr., \$25K
FUTURE	\$6,474.37	\$0.00		\$383,579.05	2007 A,B, 2008 Harris Spring Complex, \$20K + \$10.523K + \$15.5 K
FUTURE	\$40,000.00	\$40,000.00		\$343,579.05	2008 Bear River Mathews \$40K
FUTURE	\$5,740.00	\$0.00		\$337,839.05	2008 Black Canyon Turner Bridge Cleanup \$5.74K
FUTURE	\$3,000.00	\$3,000.00		\$334,839.05	2009 Aquatic Nuisance Species Signage \$3K
FUTURE	\$5,000.00	\$5,000.00		\$329,839.05	2009 Bailey Creek Fence \$5K
FUTURE	\$27,000.00	\$27,000.00		\$302,839.05	2009 Marv Anderson 8-Mile Creek \$27K
CANCELLED	\$0.00	\$0.00		\$302,839.05	2008 Old Oregon Trail Rd \$25K/Cancelled
FUTURE	\$60,000.00	\$60,000.00		\$242,839.05	2009 Oneida Narrows Fish Passage Conceptual Design
	\$152,214.00				Total Outstanding Grants
2010 Grant Funds Available				\$242,839.05	Estimate

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		\$1,056,403.40	2008 Kackley Site Maintenance
3/31/2008	\$43,000.00	Sagebrush Steppe		\$1,013,403.40	2008 Grant for Exec. Director
10/29/2008	\$377,065.75	First American Title		\$636,337.65	Henderson CE Purchase
11/13/2008	\$13,000.00	Sagebrush Steppe		\$623,337.65	Henderson CE Purchase
12/18/2008	\$21,831.88	Sagebrush Steppe		\$601,505.77	Henderson CE Purchase
	\$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
12/24/2009	\$177,383.00	Sagebrush Steppe		\$624,720.37	2009 Harris CE Purchase
	\$337,566.00				2009 Billing Total

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
2009 Interest Credit			\$12,494.41	\$637,214.78	Estimate
2010 Funding			\$352,000.00	\$989,214.78	Estimate
Future 2010	\$35,500.00	Sagebrush Steppe		\$953,714.78	2009 Harris Stewardship long term funding
Future 2010	\$330,000.00	Sagebrush Steppe		\$623,714.78	2009 Deep Creek CE
Future 2010	\$250,000.00	Sagebrush Steppe		\$373,714.78	2009 Mink Creek CE
Cancelled	\$0.00			\$373,714.78	2008 IDFG Georgetown Summit WMA Thompson Addition
	\$615,500.00				Total Outstanding Grants
2010 Grant Funds Available				\$373,714.78	Estimate

PacifiCorp Bear River Implementation Projects ECC Coordination Hours BRI-ECC (Labor Hours Only)*	
Personnel	
Stenberg	1459
Hugentobler	489
Davies	48
McCune	38
Total	2034

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 Marv Hoyt, Alternate (incoming)	Greater Yellowstone Coalition	Marv Hoyt Idaho Director
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United	William Sedivy Executive Director
Jim Mende Dave Teuscher, Alternate	Idaho Department of Fish and Game	Cal Groen Director
Mary Lucachick (No Alternate)	Idaho Department of Parks and Recreation	Robert L. Meinen Director
Damien Miller 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 Louis Berg, Alternate	USDA-Forest Service	Harv Forsgren Regional Forester
Warren Colyer Kirk Dahle, 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	Rob Lasich President

Appendix B

IDEQ Correspondence regarding Grace / Cove Water Quality Monitoring and Oneida Water Quality Study



Grace Hydro Plant
822 Grace Power Plant Road
Grace, Idaho 83241

July 27, 2008

Lynn Van Every
Regional Water Quality Director
Idaho Department of Environmental Quality
444 Hospital Way
Pocatello, ID 83202

Dear Mr. Van Every,

I want to thank you and Greg Mladenka for taking time to meet with Connely Baldwin and me on May 8, 2008 at your office. This letter is intended to document a portion of that wide reaching discussion, specifically our water quality monitoring program in the Grace/Cove Reach and the emerging interest in water quality monitoring during the Black Canyon whitewater boater events that started this year.

To recap that conversation, we were excited to hear that the four years of Grace/Cove Water Quality Monitoring have met the information needs of the Idaho Department of Environmental Quality (IDEQ) and that Grace operations were not found to contribute to exceedance of water quality standards. I have cancelled the remaining two years of monitoring with Ecosystems Research Institute of Logan, Utah.

Concerning the emerging interest in water quality monitoring during the Black Canyon whitewater boater events we recognize that IDEQ and other members of the Environmental Coordination Committee, along with PacifiCorp, are interested in the water quality affects of these boater flows and how these may change with repeated releases or over the remaining three years of the Black Canyon Monitoring Study (2009 and 2010 remaining).

I agree with your proposal to monitor water quality in the Grace Forebay and at the Black Canyon takeout bridge during a finite number of releases over the next three years to provide information that will benefit all the decision makers involved in the boater flows. I am willing to redirect funding not spent on the Grace/Cove Water Quality Study in 2008 and 2009 toward this effort and work with Hydro Management to allocate funding for 2010. I have prepared a study plan for monitoring water quality during the boater flow events in 2008, 2009 and 2010. This study plan was followed during the two weekends in 2008 that data was collected for.

I look forward to receiving a formal letter documenting your verbal acceptance of the four years of Grace/Cove Water Quality Monitoring.

Thank you for your continued collaborative efforts during implementation of Clean Water Act 401 Certification requirements and other FERC License requirements.

Sincerely,

A handwritten signature in black ink, appearing to read 'MARK STENBERG', with a stylized flourish at the end.

Mark Stenberg
Hydro License Program Manager – Idaho

Cc: Kelly Holt, Eve Davies, Jack Kolkman, Connely Baldwin

Water Quality Monitoring in Black Canyon during Whitewater Boater Events

M. Stenberg

July 27, 2008

Equipment

YSI Model 6920 Multi-parameter water quality sondes will be used. Parameters measured at each site are temperature, turbidity, and dissolved oxygen. Custom steel housings will be used to conceal and protect each probe. The probes will be calibrated to the manufacturer's specification before being placed in the field.

The probes will be placed the week before a boater event and pulled within a few days after a boater event. On back to back events the downstream probe will be checked and cleaned if necessary between the Saturday and Sunday events. This checking and cleaning will likely be performed by PacifiCorp staff.

Monitoring Locations

Two sampling locations will be used during this study. The upstream location will be on the north bulkhead of the Grace Dam in the forebay. The downstream location will be below the pedestrian bridge near the left bank.

Schedule

In 2008, 2009 and 2010, between April 1 and July 15, water quality parameters will be measured during the first five boater events that occur. A weekend that has boater flows on both Saturday and Sunday will be considered one event.

Report

In the week following each measurement episode an excel spreadsheet with the event's data and a graph will be emailed to Mark Stenberg for distribution to interested ECC Members.

A three year summary report with all the data will be prepared. The report will include a brief analysis of the water quality parameters measured during the boater flow events and any trends observed during or across years.

Contractor Contact

Justin Barker
Ecosystems Research Institute
975 South State Highway
Logan, UT 84321
435 752-2580



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

444 Hospital Way, #300 • Pocatello, Idaho 83201 • (208) 236-6160

C.L. "Butch" Otter, Governor
Toni Hardesty, Director

January 20, 2009

Mr. Mark Stenberg
PacifiCorp Energy
License Program Manager – Idaho
822 Grace Power Plant Road
Grace ID 83241

RE: Compliance with DEQ's 401 certification condition 1 (a. and b.), Grace/Cove water quality monitoring.

Dear Mr. Stenberg:

In compliance with DEQ's 401 certification for PacifiCorp's Bear River Hydroelectric Projects, PacifiCorp Energy has monitored water quality through Grace/Cove from 2004-2007. DEQ Pocatello Regional office staff have reviewed these data and concluded that PacifiCorp's operation has not contributed to violations of State of Idaho water quality standards. DEQ's 401 certification of June 2003 required PacifiCorps to implement water quality monitoring in this project reach for six (6) years.

Based on the four (4) years of data (2004-07) and our agreed upon need to reallocate those monitoring resources to documenting water quality associated with the whitewater boater flow program in 2008 (and following years) DEQ is relieving PacifiCorp of the last 2 years (2008-2009) of water quality monitoring as required under condition 1 (a. and b.) in the 401 certification.

Should new or additional information suggest that PacifiCorp's ongoing operation of the Grace Project is causing water quality violations, DEQ reserves the right, in consultation with PacifiCorp, to reopen the 401 certification.

Please call me at 236-6160 if you have questions or want to discuss.

Sincerely,

A handwritten signature in black ink, reading "Lynn Van Every", is positioned above the printed name.

Lynn Van Every
Regional Water Quality Manager

Cc: file



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

444 Hospital Way #300 • Pocatello, Idaho • 83201

24 July 2009

C.L. "Butch" Otter, Governor
Toni Hardesty, Director

Mark Stenberg
PacifiCorp Energy, Grace Hydro Plant
822 Grace Power Plant Road
Grace ID 83241

RE: Oneida Hydroelectric Project, FERC No. P-20, Clean Water Act Section 401 Certification.

Dear Mr. Stenberg:

The Idaho Department of Environmental Quality (DEQ) has reviewed "Water Quality Summary 2004-2005 for the Oneida Hydroelectric Project," 31 May 2006, and "Supplemental Report to the May 2006 Water Quality Summary 2004-2005," 26 February, 2009, (hereafter "Reports") submitted on behalf of PacifiCorp by Ecosystems Research Institute of Logan, Utah. The reports are intended to fulfill Section 5 and 6 requirements of the 401 water quality certification issued by DEQ on 23 June 2003. The reports describe the relationship among flow changes and turbidity, and other water quality parameters in Bear River downstream of the Oneida Hydroelectric Project (project). Additionally, at DEQ's request, PacifiCorp provided raw data and filtered data used to compile the reports. DEQ conducted an internal analysis of this data set which included turbidity, flow, stage, and precipitation records from 2004-2005. Finally, you, Conley Baldwin and the consultant team have taken time to meet with Greg Mladenka and me on numerous occasions to discuss operational considerations and license constraints at the project, possible additional data analysis and the reports' conclusions, with a goal of understanding and evaluating the project's contributions to exceedances of State of Idaho Water Quality Standards.

After extensive evaluation of the reports, the 2004-05 data, and much discussion, internally and with PacifiCorp, it is DEQ's opinion that project operations that occurred in compliance with FERC license conditions (Articles 408, 412 and 420) during the study period of 2004-05, the Oneida Hydroelectric Project did not contribute to violations of State of Idaho Water Quality Standards.

In the event that PacifiCorp anticipates operating the project in a manner substantially different than during the 2004-2005 study period PacifiCorp shall consult with IDEQ in advance. Examples of such changes include significant changes to the frequency or magnitude of daily stage changes than those presented in the reports (2004-2005 data). If significant operational changes are planned or occur, DEQ may require further study of water quality effects to determine if operations are causing exceedances of Water Quality Standards.

Section 4 of the 401 water quality certification requires reporting of the preceding water year on an annual basis to DEQ. In addition to the items list in Section 4, the annual report shall include summary statistics for the frequency and magnitude of daily stage changes and downramp.

We appreciate your cooperation in complying with conditions in the Water Quality Certification. If you have any questions or need clarification, please contact me at 208-236-6160.

Sincerely,

Lynn Van Every
Regional Water Quality Manager

Cc: Bruce Olenick, DEQ Regional Administrator

Appendix C

Grace-Cove Site Plan Compliance Monitoring and Performance Tracking

Grace-Cove Site Plan Compliance Monitoring

Sant Parcel Compliance Monitoring				
Date: 9/9/2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	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 September 2009
	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 Handicapped sign damaged September 2009
	Maintain the parking area and maintain the roadway according to RTSP standards, p. 29.	Ongoing	NO	Parking area needs weed control, vegetation control
	Ensure portable toilet is placed next to "Handicapped Parking" sign.	Annual Inspection	YES	Completed
	Maintain the portable toilet.	Biweekly	YES	Clean and in good working condition

Sant Parcel Compliance Monitoring**Date: 9/9/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	Remove debris and litter from the parking area and the gravel boat take-out area.	Weekly	YES	Fire rings removed September 09 Two grills installed west and east of parking area
	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 July 2008 Fire activity present 09, need sign or fencing
	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
	Complete the property boundary delineation on the east and south ends.	Fall 2005	YES	Completed
		Annual Inspection	YES	Boundaries delineated
	Ensure fence and fence post condition for all boundaries.	Annual Inspection	YES	Fence in good working condition September 2009
	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: 9/9/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Vegetation Management	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 Site Plan Appendix C1
	Annual or biannual backpack spraying throughout the parcel only after other mechanical or biological control options have been evaluated.	Spring 2006	YES	See Site Plan Appendix C1
		Semiannual Rx/Monitoring	YES	See Site Plan Appendix C1 White top, Canada thistle 2009
Wetland and Riparian Habitat Management	Fence the riparian system, extending the west parking area boundary along the river.	Spring 2006	YES	Completed
		Annual Inspection	YES	No trespass activity September 2009
Agricultural Uses	Update the grazing lease agreement.	Fall 2006	YES	Completed
		Update as needed	YES	
	Conduct annual pre-grazing forage height assessment.	Spring 2006	YES	Completed

Sant Parcel Compliance Monitoring**Date: 9/9/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual Inspection	YES	
	Train lessees on forage utilization monitoring.	Fall 2006	YES	Completed in April of 2007
	The lessee must submit forage utilization monitoring reports as required by the lease agreement.	Fall 2006	YES	Completed Spring 2007
		Monthly	YES	
	Reconstruct north/south interior fence to allow a two-pasture grazing system within the parcel.	Fall 2005	YES	Completed
	Ensure interior fence and fence post condition.	Annual Inspection	YES	Fence in good working condition September 2009

Mansfield Parcel Compliance Monitoring**Date: 09/09/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Post the west boundary with property delineation markers.	Summer 2005	YES	Completed
	Determine whether north and south boundary fences are complete and accurately placed, and address any discrepancies noted.	Annual Inspection	YES	Boundaries are delineated with carsonite markers Some carsonite markers are labeled wrong
	Ensure fence and fence post condition on all boundaries.			
	Maintain existing pedestrian bridge.			
	Secure the southern access gate to prohibit future vehicle travel without PacifiCorp approval. If maintenance is required on the conveyance pipe, written notice will be required of the owners describing the type of work prior to access being permitted.	Fall 2005	YES	Completed Gate shut September 2009
		Annual Inspection	YES / NO	Soft gate at entrance is shut, no trespass noted September 2009
Vegetation Management	Rehabilitate the water conveyance line by completing the following measures:	Fall 2005/Spring 2006	YES	Completed
	1. Remove discarded, steel pipeline segments and other debris from the parcel. 2. Repair the side cuts and drainage pathways along the 12-inch pipeline corridor. Feather or taper the edges and cover with available topsoil. During the	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 2009

Mansfield Parcel Compliance Monitoring**Date: 09/09/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	repair process, place topsoil on the surface to enhance revegetation efforts.			Vegetation looks good, road reclamation good September 2009
	3. Revegetate the entire area with native vegetation (weed free, native seed mixture) to reduce the visual impact of a linear feature.			
	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	YES	See Site Plan Appendix C-1 Musk thistle, white top
	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	YES	See Site Plan Appendix C-1
	Intensive backpack spraying weed control along 0.3 mile stretch of river integrated with mechanical and biological control measures.	Spring 2006	YES	Weeds present-Canada thistle, musk thistle
		Semiannual or Annual Rx/Monitoring	YES	See Site Plan Appendix C-1
Wetland and Riparian Habitat Management	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: 09/09/2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	Not Applicable.			

Penstock Parcel Compliance Monitoring				
Date: 09/9/2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Confirm boundary alignment and post the west boundary with ownership signs.	Fall 2005	YES	Completed
		Annual Inspection	YES	Good working condition
	Ensure fence and fence post condition on all boundaries	Annual Inspection	YES	Completed Fence needs some repairs, overall good
Vegetation Management	Spray herbicides along the penstock access roads to manage weeds.	Spring 2005	YES	

Penstock Parcel Compliance Monitoring**Date: 09/9/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	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.	Semiannual or Annual Rx/Monitoring	YES	See Site Plan Appendix C-1 Weeds, white top, musk thistle
		Fall 2005	YES	Runoff ditch created along penstock and access roads Will be annually monitored.
		Annual Inspection	YES	
	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	Ensure spring boxes and the downstream wetlands are protected.	Fall 2006	YES	
		Annual Inspection	YES	September 2009 fence damaged, grazing present
Agricultural Uses	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: 09/9/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Update as needed	YES	
	Conduct annual pre-grazing forage height assessment.	Annual Inspection	YES	N/A 2009
	Train lessee on forage utilization monitoring.	Spring 2006	NO	Completed in April of 2007 N/A 2009
	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: 09/09/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Complete the property delineation and boundary fence and post indicating ownership.	Summer 2005	YES	Completed
		Annual Inspection	YES	September 2009
	Ensure fence and fence post condition on all boundaries.	Annual Inspection	YES	Fence in good working condition September 2009
Vegetation Management	Undertake appropriate weed control measures along the riparian area and in localized, internal areas.	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	YES	See Site Plan Appendix C-1 Weeds, thistle, black henbane
	Revise the monitoring plan for weeds and revegetation efforts following Cove decommissioning activities.	Fall 2006	NO	Decommissioning not completed until Winter 2006 Revision completed for Spring 2007 See Site Plan Appendix C-1 for 2009 Weeds, thistle in reveg area
Wetland and Riparian Habitat Management	Revise the monitoring plan for wetland and riparian areas following Cove decommissioning activities.	Fall 2006	NO	Decommissioning not completed until Winter 2006 Revision completed for Spring 2007 Completed
Agricultural Uses	Not Applicable.			

Dugway Parcel Compliance Monitoring**Date: 09/10/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Fence pasture throughout.	Spring 2006	YES	Completed
	Ensure fence and fence post condition.	Annual inspection.	YES	Fence in good working condition September 2009
Vegetation Management	Control localized weed infestations with herbicide applications and other appropriate techniques.	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	NO	See Site Plan Appendix C-1 Some white top in pasture
Wetland and Riparian Habitat Management	Fence the channel currently used as the cattle water source and develop a water trough in the northeast corner of the parcel.	Fall 2006	YES	Planned for Spring 2007 Completed
		Annual inspection.	YES	Good condition September 2009
Agricultural Uses	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: 09/10/2009 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	Conduct annual pre-grazing forage height assessment.	Annual inspection.	YES	Completed by Cirrus
	Train lessee on forage utilization monitoring.	Fall 2006	NO	N/A 2009
	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

Kackley Springs Parcel Compliance Monitoring				
Date: 09/10/2009 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Confirm that the boundary delineation and fencing are complete and accurate.	Fall 2005	NO	No boundary markers, ones on south end Wrong label
		Annual Inspection	YES	
	Ensure fence and fence post condition on all boundaries.	Annual Inspection	YES	Old fences to be removed in 2010 New construction of fence fall 2009

Kackley Springs Parcel Compliance Monitoring**Date: 09/10/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	Maintain the existing road.	Ongoing	YES	
		Annual Inspection	YES	Good working condition
Vegetation Management	Undertake appropriate weed control measures throughout the parcel	Ongoing	YES	
		Semiannual or Annual Rx/Monitoring	YES	See Site Plan Appendix C-1 Canada Thistle
Wetland and Riparian Habitat Management	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 2009
Agricultural Uses	Not Applicable.			

Cove Plant Parcel Compliance Monitoring**Date: 09/10/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Complete the property delineation.	Summer 2005	YES	Completed
		Annual Inspection	YES	September 2009
	Ensure fence and fence post condition.	Annual Inspection	YES	Good working condition September 2009
	Maintain the existing road.	Ongoing	YES	
		Annual Inspection	YES	Good working condition Weed control, Russian Thistle
Vegetation Management	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 Site Plan Appendix C-1 Lots Musk Thistle south of plant Spoil piles very weedy Russian Thistle on road
	Complete Cove bypass fence project.	Fall 2006	YES	Completed
	Ensure Cove bypass fence condition.	Annual Inspection	YES	Good working condition

Cove Plant Parcel Compliance Monitoring**Date: 09/10/2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	Implement Cove bypass fencing to protect riparian area from grazing impacts.	Fall 2005	YES	Completed
		Annual Inspection	YES	Few sections need repair September 2009
Agricultural Uses	Update the parcel's grazing lease agreement.	Fall 2006	YES	Completed in Spring of 2007 N/A 2009
		Update as needed	YES	
	Conduct annual pre-grazing forage height assessment.	Fall 2006	YES	Completed April 2007 See attached data
	Train lessees on forage utilization monitoring.	Annual Inspection	NO	Completed in April of 2007
	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 Performance Tracking Photos

Sant Parcel



SP1 September 2009



SP2 September 2009

Sant Parcel



SP3 September 2009



SP 4 September 2009

Mansfield Parcel



MP1 September 2009



MP2 September 2009

Kackley Springs Parcel



KSP1 September 2009

Cove Plant Parcel



CPP1 September 2009



CPP2 September 2009

Appendix D

Cove Shoreline Buffer Fence Annual Monitoring Report

Cove Shoreline Buffer Fence Annual Monitoring Report

In the fall of 2006 a fence line was constructed on the west side of the Bear River, essentially running the length of the Grace/Cove project area. The fence line was constructed on private land not owned by PacifiCorp, between the former Cove Forebay and the Cove plant. The new fence line, the Cove Shoreline Buffer fence, 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 Environmental Coordination Committee (ECC), the United States Fish and Wildlife Service (USFWS), and several private land owners whose property abutted the Bear River. New fence construction, as well as the updating of existing fence lines, resulted in approximately 9,000 feet of continuous fence line along the Bear River. This fence line provides protection from livestock grazing and other agricultural uses. Currently 1.5 miles of riparian zone along both sides of the Bear River is now protected by this fence line. 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 new west-side Cove Shoreline Buffer fence and the river for further protection from future undesired uses.

PacifiCorp is responsible for annual Cove Shoreline Buffer 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, and for the annual monitoring after 2033.

Monitoring was conducted initially in the fall of 2007 to create a baseline, and since then annually in the fall of 2008 and 2009. During the 2009 monitoring of the fence line, as well as adjacent riparian zones, the fence line remained in a good overall condition, and riparian zones were protected from grazing and agricultural practices. Photos were taken of most fence sections, differentiated by individual easements. In order to simplify future annual monitoring efforts, photo points will be marked in 2010 for each individual fence line easement. The photo points will be marked with steel T- or wooden fence posts painted red. The following paragraphs include a short description of each fence line segment, as well as their overall condition during the fall 2009 monitoring. Any required maintenance is also noted, and a photo of each segment is included.

Olsen I

Length: 440 feet

Type: 4-strand, barbwire on steel posts.

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

2009 Maintenance required: No maintenance required at time of inspection.

2009 Easement conflict: None

2009 Photo: Looking west from fence corner:



Olsen I 2009

McCurdy I

Length: 320 feet

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

Baseline Condition: There has been some confusion regarding the naming convention, and therefore the location of, of the McCurdy fence segment. The location of the McCurdy I fence is west of Olsen I on the hillside below the canal, although there is also a riparian fence that does not denote a project boundary that runs south from the southern corner of the Olsen I fence. The McCurdy I fence line borders the Sagebrush Steppe Land Trust (SSLT) on their west boundary. The photo point used in previous years is looking south from the Olsen I corner, through the McCurdy riparian zone, along the existing fence line. In 2010 a new photo point will be established for the McCurdy I fence (up near the canal bank; to be designated as McCurdy I-B). The condition of the McCurdy I-B fence segment in 2009 was good. The existing fence running through the McCurdy riparian zone, previously designated as McCurdy I, and now designated as McCurdy I-A, is in need of repairs as listed below.

2009 Maintenance required: Existing McCurdy I-A fence needs to be tightened. Several wires are broken on the south end and need repair as well. Note: These repairs were made following the 2009 inspection and the fence was in good working order at that time.

2009 Easement conflict: None

2009 Photo: Looking south at existing fence through McCurdy I-A riparian:



McCurdy I-A Riparian 2009

Hansen

Length: 200 feet

Type: 5-strand, barbwire on steel posts.

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

2009 Maintenance required: Wreck out existing, old interior fences that are no longer needed.

2009 Easement conflict: None

2009 Photo: Looking south through Hansen riparian:



Hansen 2009

McCurdy II

Length: 900 feet

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

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

2009 Maintenance required: None.

2009 Easement conflict: None

2009 Photo: Looking south through McCurdy II riparian zone:



2009 McCurdy 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: Fence line in overall good condition as well as riparian area. Riparian area dominated by grasses and willow stand. Fence leaves riparian zone after a short distance and runs south through juniper and sagebrush; the southern end of this fence segment is the western boundary of both the southern end of the SSLT parcel west of the river, and the BLM property (leased to Laurie Harris) within the Cove Shoreline Buffer fence.

2009 Maintenance required: There is a juniper tree that has fallen across the fence near the river; this needs to be removed and damaged wires repaired. Note: Juniper tree was removed and necessary repairs to fence completed following inspection.

2009 Easement conflict: None.

2009 Photo: Looking south through Olsen II riparian zone:



2009 Olsen II

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 fence line is in two parts, Harris and Harris BLM sections. In previous years the two sections have been monitored as one segment; starting in 2010 they will be monitored as Harris BLM and Harris. The Harris BLM section fence line separates the Harris property from the southern boundary of the BLM property—a new photo point for this section will be established in 2010. This area is dominated by grasses and shrubs and was found in good condition in 2009. The entire Harris fence line was in good condition in 2009. The riparian area is a very narrow strip along the Bear River with steep banks, which is dominated by grasses and small stands of willows.

2009 Maintenance required: None; notify BLM of Phragmites on both sides of river.

2009 Easement conflict: None

2009 Photos: Looking north (Harris A) and south (Harris B) along riparian from Harris drain ditch:



2009 Harris A



2009 Harris B

Appendix E

Oneida Site Plan Compliance Monitoring and Performance Tracking

Oneida Compliance Monitoring

Cottonwood Creek Parcel Compliance Monitoring				
Date: September 2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Complete the property boundary on the above-water portions of the parcel.	Spring 2007	YES	Completed September 2009
		Annual inspection.	YES	
	Insure fence and fence post condition on all boundaries.	Spring 2007	YES	Fences in good working condition September 2009
		Annual inspection.	YES	Fence good condition-replaced some carsonites September 2009
Vegetation Management	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/ Franklin County has contacted----treatment needed
Wetland and Riparian Habitat Management	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 2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	Not Applicable.			

Oneida Plant Parcel Compliance Monitoring				
Date: September 2009		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to determine and demarcate PacifiCorp-owned lands.	Fall 2007	YES	Completed summer 2007 Annual inspection completed September 2009
		Annual inspection.	YES	
	Insure fence and fence post condition on all boundaries.	Spring 2008	YES	Completed September 2009 Fence west of old camp is down, bid out to replace w/new fence—Fence above day use area needs repairs
	Complete the signage and facilities at the Day Use Area and the Oneida Narrows put-in with: (1)			Signs are good

Oneida Plant Parcel Compliance Monitoring**Date: September 2009****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. 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.	Annual inspection.	YES	
	Maintain the parking areas according to RTSP standards (p. 29).	Ongoing	YES	Parking area is in good condition September 2009
		Annual inspection/ Biweekly removal of debris.	YES	
	Maintain boat access at Oneida Narrows put-in and the Day Use Area (RTSP, p. 29).	Ongoing	YES	Boat access is good condition. Other trails are being created down to the bank to the river from the Oneida put in site. May need signage to show actual boat

Oneida Plant Parcel Compliance Monitoring**Date: September 2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Monthly (in season) inspection of boat launches for debris/ Biannually (pre- and post-season) inspection of boat launch and removal of debris.	YES	access. September 2009
	Coordinate with the BLM to control public access to the bypassed reach.	Fall 2006	YES	Completed Fall 2006
Vegetation Management	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	As long as the riparian zone and wetland areas are protected, no other action is required.	Spring 2008	YES	Completed September 2009
		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	Use appropriate methods to determine and demarcate PacifiCorp owned lands.	Fall 2007	YES	Completed summer 2007
		Annual inspection.	YES	Annual inspection complete 2009
	Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.	Spring 2008	YES	Fence in good working condition September 2009
		Annual inspection.	YES	Fence good-repairs needed across from bridge
Vegetation Management	Revegetate the lowlands with native upland vegetation if agricultural use is discontinued.	Fall 2011	YES	
		Annual inspection.	YES	
	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	

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

Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	As long as the riparian zone and wetland areas are protected, no other action is required.	Spring 2008	YES	
		Annual inspection.	YES	Trespass grazing-New fence to be built fall 2009 September 2009
Agricultural Uses	Establish an agricultural use or alternative reclamation plan for the parcel.	Spring 2011	NO	N/A 2009
	Implement the following measures, if applicable:			
	Conduct annual pre-grazing forage height assessment:	Spring 2007 (or prior to initiating grazing)	NO	Grazing not taking place
		Annual inspection.	NO	
	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

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

Issue	Corrective Action	Timeframe	Completed?	Comments
		See the Performance Tracking form.	N/A	
	Complete interior and riparian zone fences to allow a multi-pasture grazing system within the parcel.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	
	Develop and inspect water sources at appropriate locations or water trucking plan.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A

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

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to determine and demarcate PacifiCorp owned lands.	Fall 2007	YES	Completed
		Annual inspection.	YES	Completed
	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	
	Close dispersed campsites using rocks or fences.	Spring 2007	YES	Completed
		Annual inspection	YES	Campsites remain closed
	Remove existing fire rings at undesignated campsites.	Spring 2007	YES	Completed
		Annual inspection	YES	One fire ring moved in 2009
Vegetation Management	Rehabilitate dispersed campsites, where necessary.	Spring 2007	YES	Completed

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

Issue	Corrective Action	Timeframe	Completed?	Comments
	Revegetate the pastures with native upland vegetation if agricultural use is discontinued.	Annual inspection.	YES	Good condition September 2009
		Fall 2011	NO	Still under agricultural use
	Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.	Annual inspection.	YES	
		Spring 2007	YES	See Appendix
		Biannual Rx/Monitoring	YES	
Wetland and Riparian Habitat Management	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	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 2009****Technician: Bryan Westerberg**

Issue	Corrective Action	Timeframe	Completed?	Comments
	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	
	Train lessee on forage utilization monitoring.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		As needed.	N/A	
	Obtain lessee forage utilization monitoring reports as required by the lease agreement.	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	N/A

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

Issue	Corrective Action	Timeframe	Completed?	Comments
	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
		Annual inspection.	N/A	
	Develop and inspect water sources at appropriate locations or water trucking plan.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	

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

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to determine and demarcate PacifiCorp owned lands.	Fall 2007	YES	Completed
		Annual inspection.	YES	Completed
	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	Fence in good working condition
	Close dispersed campsites using rocks or fences.	Spring 2007	YES	Completed
		Annual inspection.	YES	Driving around rock barrier- New campsites present—place gate and lock on road 2009
	Remove existing fire rings at undesignated campsites.	Spring 2007	YES	Completed
		Annual inspection.	YES	Fire rings removed
Vegetation Management	Rehabilitate dispersed campsites where necessary.	Spring 2007	YES	Completed

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

Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	YES	Weeds
		Fall 2011	YES	
	Revegetate with native upland vegetation if agricultural use is discontinued.	Annual inspection.	YES	Still in agriculture
		Spring 2007	YES	See Weed Appendix
	Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.	See the Performance Tracking form.	YES	
Wetland and Riparian Habitat Management	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	Establish an agricultural use or alternative reclamation plan for the parcel.	Spring 2011		N/A

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

Issue	Corrective Action	Timeframe	Completed?	Comments
	Implement the following measures, if applicable:			
	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	
	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	

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

Issue	Corrective Action	Timeframe	Completed?	Comments
	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 or water trucking plan.	Spring 2007	N/A	N/A
		Annual inspection.	N/A	

Mink Creek Parcel Compliance Monitoring
Date:
Technician:

Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to determine and demarcate PacifiCorp owned lands.	Fall 2007	YES	Completed summer 2007
	Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access.	Spring 2008	YES	Completed summer 2007
	Extend northern fenceline further into the river to prevent trespass grazing.	Annual inspection.	YES	Grazing still issue- Cows come from west BLM property Fence in good condition Signs good
	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.			
	Install one sign at the planning area's south entrance that includes: (1) recreational rules; (2) "Part 8"; (3) "No Fires"; (4) a "Speed Limit 10 mph"; and, (5) "Pack It In, Pack It Out" requirement.	Fall 2006	NO	Not Complete
		Annual inspection.	NO	Not Complete
	Maintain the parking area according to RTSP standards (p. 29).	Ongoing	YES	

Mink Creek Parcel Compliance Monitoring**Date:****Technician:**

Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection/ Biweekly removal of debris.	YES	Parking area in good condition
	Maintain boat access (RTSP, p. 29).	Ongoing	YES	
		Annual inspection.	YES	Boat access in good condition
	Close dispersed campsites.	Spring 2007	YES	Completed
		Annual inspection.	YES	Campsites still closed, no activity
	Remove existing fire rings at undesignated campsites.	Spring 2007	YES	Completed
		Annual inspection.	YES	No new fire rings

Mink Creek Parcel Compliance Monitoring**Date:****Technician:**

Issue	Corrective Action	Timeframe	Completed?	Comments
	Rehabilitate dispersed campsites where necessary.	Spring 2007	YES	Completed 2008
		Biannual or Annual Rx/Monitoring	YES	Weeds present
Vegetation Management	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	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:****Technician:**

Issue	Corrective Action	Timeframe	Completed?	Comments
Road Maintenance	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
	Maintain traffic signs along the Oneida Project Road.	Annual	YES	Good condition
	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
	Fund law enforcement patrols along the Oneida Project Road May 1 through October 1.	Annual	YES	Completed and ongoing
	Request that Franklin County cooperate to enforce the OHV ordinance on PacifiCorp land.	2007	YES	Complete and ongoing
	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

Area-Wide Compliance Monitoring				
Date:		Technician:		
Issue	Corrective Action	Timeframe	Completed?	Comments
	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
	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	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
	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
	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
	Inspect the planning area and document public use, recreational safety, road maintenance, and environmental impacts for PacifiCorp EMS.	2011	5-year interval	Ongoing
	Complete FERC Form 80 to assess recreational use levels.	2012	6-year interval	

Oneida Performance Tracking Photos 2009

Oneida Plant Parcel



OP 1 September 2009



OP2 September 2009

Oneida Plant Parcel



OP3 September 2009



OP4 September 2009

Red Point Parcel



RP1 September 2009



RP2 September 2009

Red Point Parcel



RP 3 September 2009



RP4 September 2009

East Side Parcel



EP1 September 2009



EP2 September 2009

East Side Parcel



EP3 September 2009



EP4 September 2009

Appendix F

Soda Site Plan Compliance Monitoring and Performance Tracking

North Agricultural Parcel Compliance Monitoring				
Date: Fall 2009 Baseline Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to demarcate PacifiCorp owned lands and public access policies.	Spring 2009	Yes	
		Annual N/A	Baseline	
	Request placement of hazard signs on the Second Bridge abutment by Caribou County.	Spring 2009	No	
		N/A		
Vegetation Management	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.
		See the Performance Tracking	Baseline	
	Cooperate with IDFG in developing sharp-tailed grouse and other wildlife habitat on peninsula.	Fall 2009	Yes	Planted 6,000 shrubs to create habitat, completed November 2009
		Annual N/A	Baseline	
Wetland and Riparian Habitat Management	Expand riparian buffers as appropriate and delineate shoreline buffer.	Fall 2008	Yes	Fall 2008
		Annual N/A	Baseline	
	Complete the boundary fence along the eastern boundary near PacifiCorp housing area.	Fall 2008	No	Not sure what this requirement is for? Review needs on site in 2010.
		N/A		

North Agricultural Parcel Compliance Monitoring				
Date: Fall 2009 Baseline Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	Revise lease to ensure consistency with LMP.	Spring 2009	Yes	
		As Needed	?	
	Eliminate grazing from lease.	Spring 2009	Yes	No grazing
		N/A	N/A	
	Monitor buffers for weed populations expanding from agricultural lease area.	Spring 2009	Yes	Lots of Russian thistle east of Second Bridge Road in buffer. Buffer west of Second Bridge Day Use very weedy.
		Annual N/A	Baseline	

Morristown Parcel Compliance Monitoring				
Date: Fall 2009 Baseline		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to demarcate PacifiCorp owned lands and public access policies.	Spring 2009	Yes	
		Annual N/A	Baseline	
	Maintain fence and boundary post condition on all boundaries, particularly north of the highway.	Spring 2009	Yes	
		Annual N/A	Baseline	
	Install gate with walk-in access at the Morristown site to prevent motorized access to the reservoir beyond.	Summer 2009	No	Planned for 2010
		Annual N/A	?	
	Improve the signage at the Morristown Historical Site to address safety and liability concerns.	Summer 2009	No	Planned for 2010
		Annual	?	
	Request the Caribou County cooperate to improve maintenance of the toilet facility at the Oregon Trail Park and Marina.	Spring 2009	Yes	
		Annual	?	
	Eliminate agricultural lease on 10-acre property east of marina.	Spring 2009	Yes	
		N/A	?	

Morristown Parcel Compliance Monitoring				
Date: Fall 2009 Baseline		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	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	Ongoing	Investigating opportunities, ongoing
		N/A	N/A	
Vegetation Management	Undertake appropriate weed control measures in localized, internal areas, particularly around the Morristown Historical Site.	Spring 2009	Yes	
		See Performance Tracking	Baseline	
	Consult with IDFG on possible vegetation enhancement on Conservation Lands to improve wildlife habitat.	Summer 2009	Ongoing	
		As Needed	?	
Wetland and Riparian Habitat Management	Eliminate shoreline grazing through fencing and lease revision.	Fall 2008	Yes	No Grazing
		Annual N/A	Baseline	
Agricultural Uses	Eliminate 10-acre lease to ensure consistency with LMP.	Spring 2009	Yes	
		N/A	?	

Bear River Parcel Compliance Monitoring Date: Fall 2009 Baseline Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to demarcate PacifiCorp-owned lands and public access policies.	Spring 2009	No	Fencing scheduled for spring of 2010, to identify ownership of land.
		Annual N/A	Baseline	
	Close the vehicle access to the dispersed campsites on the river's northern and southern shores using rocks or fences.	Summer 2009	No	Started, but not finished-scheduled completion spring 2010.
		Annual N/A	Baseline	
	Fence out adjacent owners who are using PacifiCorp land for an extension of their backyards.	Spring 2009	No	Started, but not finished-scheduled completion spring 2010.
		N/A	Baseline	
	Remove the existing fire rings at the undesignated campsites and monitor to ensure natural vegetation returns.	Summer 2009	Yes	September 2009
		Annual N/A	Baseline	
Vegetation Management	Consult with IDFG on possible vegetation enhancement on conservation lands to improve wildlife habitat.	Fall 2009	Ongoing	
		As needed	?	
	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 2009
		Annual N/A	Baseline	
Wetland and Riparian Habitat Management	Complete shoreline buffer posting along south side of the river.	Fall 2009	Yes	PacifiCorp boundary is posted and the conservation boundary is the property line on these parcels.
		Annual	?	

Bear River Parcel Compliance Monitoring Date: Fall 2009 Baseline Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	Place vehicle barriers where necessary/	Fall 2009	No	Started but not complete, scheduled for spring 2010.
		Annual N/A	Baseline	
Agricultural Uses	Revise leases to ensure consistency with LMP.	Spring 2009	Yes	
		As needed	?	
	Request that the lessee remove unauthorized fuel storage tanks from PacifiCorp property.	Spring 2009	Yes	
		Annual	?	
	Monitor buffers for weeds expanding from agricultural lease area.	Summer 2009	Yes	September 2009, Musk thistle and Canada thistle
		Annual N/A	Baseline	

South Agricultural Parcel Compliance Monitoring				
Date: Fall 2009 Baseline		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies.	Spring 2009	Yes	
		Annual N/A	Baseline	
	Create a new parking area on the east end of the dirt track to facilitate recreation use.	Fall 2009	Yes	People are driving around parking area and gaining access to the water, need more fencing.
		Annual N/A	Baseline	
	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	Ongoing	Not Complete, Ongoing
		N/A	N/A	
	Monitor the residential development to ensure no trespass or new encumbrances.	Summer 2009	Yes	September 2009
		Annual N/A	Baseline	
	Pursue land exchanges with private landowners to consolidate PacifiCorp ownership patterns and land management practices.	Fall 2009	Ongoing	Not Complete, Ongoing
		As needed		
Vegetation Management	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	Lots of annual weeds on the west end. Summer 2009, area was sprayed shortly after.
		Annual N/A	Baseline	
	Consult with IDFG for possible vegetation enhancements on Conservation Lands.	Fall 2009	Ongoing	

South Agricultural Parcel Compliance Monitoring				
Date: Fall 2009 Baseline		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual	?	
Wetland and Riparian Habitat Management	Expand shoreline buffer as required to meet LMP and License objectives in cultivated areas.	Fall 2009	Yes	
		Annual	?	
Agricultural Uses	Revise leases to ensure consistency with LMP.	Spring 2009	Yes	
		As needed	?	

Alexander Parcel Compliance Monitoring				
Date: Fall 2009 Baseline Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies.	Fall 2009	Yes	
		Annual N/A	Baseline	
	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	Baseline	
	Remove existing fire rings and litter at the unauthorized campsite.	Summer 2009	Yes	New fire rings have been built. September 2009
		Annual N/A	Baseline	
	Pursue exchange of western and eastern parcels with BLM.	Fall 2009	Ongoing	Paper has been submitted for exchange with BLM.
		As needed	?	
	Consider offering a future lease for the camping site to the BLM or State of Idaho for a managed campground.	Future	No	
		As needed	?	
Vegetation Management	Undertake appropriate weed control measures in localized areas in the parcel.	Spring 2009	Yes	

Alexander Parcel Compliance Monitoring				
Date: Fall 2009 Baseline Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual N/A	Baseline	
	Eliminate vehicle access to parcel and remove fire rings to reduce fire danger.	Spring 2009	Yes	
		Annual N/A	Baseline	Fire rings have been rebuilt. September 2009
Wetland and Riparian Habitat Management	Reduce shoreline impact by closing campsite to vehicle access.	Spring 2009	Yes	
		Annual N/A	Baseline	
	Monitor recreation impacts to shoreline per the RTSP.	Summer 2014	Future	
		Every 5 years	N/A	
Agricultural Uses	(No agricultural uses are authorized on the parcel.)	N/A		
		N/A		

Soda Performance Tracking Photos 2009

North Agricultural Parcel



NA1 September 2009



NA2 September 2009

North Agricultural Parcel



NA3 September 2009



NA4 September 2009

Morristown Parcel



MO1 September 2009



MO2 September 2009

Morristown Parcel



MO3 September 2009

Bear River Parcel



BR1 September 2009



BR2 September 2009

South Agricultural Parcel



SA1 September 2009



SA2 September 2009

South Agricultural Parcel



SA3 September 2009

Alexander Parcel



AL1 September 2009



AL2 September 2009

Appendix G

Bear River Hydroelectric Project – 2010 Implementation Schedule

Table G-1. Bear River Hydroelectric Project - 2010 Implementation Schedule

License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 401	2009 Annual Report	Report in consultation with ECC	1-Jan-05	22-Dec-33	1-March-10	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	\$100K/yr for three years; conducted by IDFG; funds not available after 2011; may roll over to other BCT studies. Final payment to be made in 2010.
Art. 404	Conservation Hatchery Program	Fund Bonneville cutthroat trout hatchery operations	22-Dec-10	22-Dec-33	22-Dec-10	\$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 - 2010 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-10	\$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-10	\$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	18-April-10	\$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-10	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-10	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.

Table G-1. Bear River Hydroelectric Project - 2010 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-10	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 exceedences of water quality criteria.
Art. 415	Operations and Compliance Plan Implementation	Documented annually to the FERC	22-Dec-04	22-Dec-33	1-Mar-10	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 proposed changes	1- Oct-05	28-Feb-06	28-Aug-10	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-10	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-09	\$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-10	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 - 2010 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-10	\$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-10	Annually, on Oneida road up to 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-10	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-10	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	2-Jan-05	22-Dec-33	Ongoing	FERC Order approving HPMP was received in 2008. Training was completed in 2009 along

Table G-1. Bear River Hydroelectric Project - 2010 Implementation Schedule

License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
		Plan.				with first site monitoring and drafting of interpretive materials.
Art. 424 and 425	Land Management	Land Management Plan and Site Plan implementation. Monitoring of all lands and noxious weed control. Finish fencing at Grace Flow Line and 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 and fencing to protect riparian areas.
Art. 426	Fencing in Cove bypass	Fences	1-Apr-05	22-Dec-33	Initial construction complete (Maintenance on-going).	Fencing of selected riparian areas in Cove bypass reach, while allowing landowners to exercise stock watering rights. This project is complete. Maintenance of other landowner 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-10	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.

