
Bear River Hydroelectric Project

FERC Project No. P-20



2013 Annual Report

Summary of License Implementation and Compliance

February 28, 2014

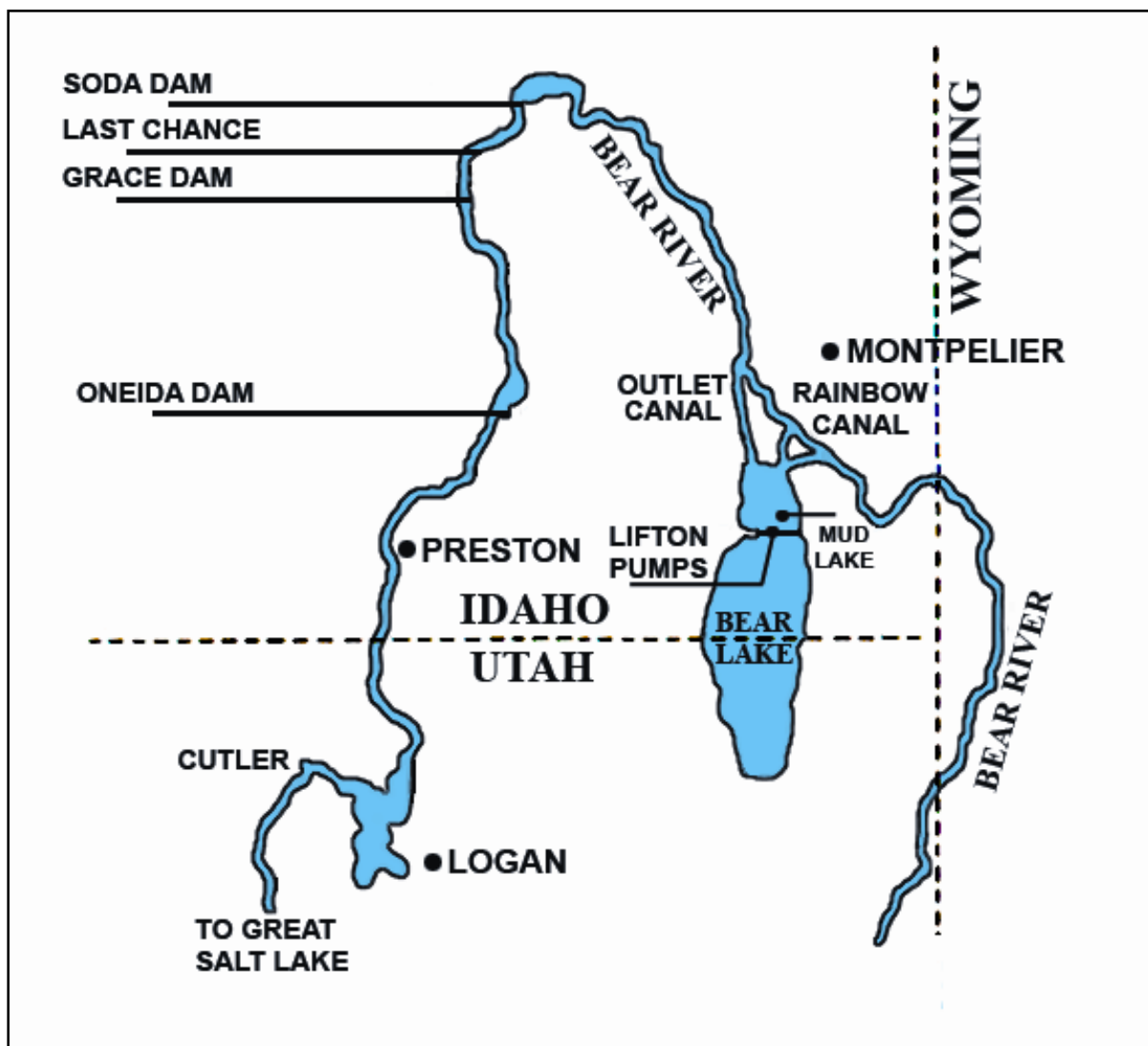
On the cover: Bear River near the upper end of Oneida Narrows in fall.

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

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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 (BCT). 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 2013.

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 Hydroelectric Project.

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

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

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

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

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

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

1.2 Environmental Coordination Committee

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

1.3 Report Organization

The 2013 Bear River Hydroelectric Project Annual Report provides the following information:

- Section 2.0 - Environmental Coordination Committee Activities
- Section 3.0 - Accomplishments
- Section 4.0 - Funding
- Appendix A: ECC Members, Alternates and Authorized Signatories
- Appendix B: Grace-Cove Site Plan Compliance Monitoring and Performance Tracking
- Appendix C: Cove Shoreline Buffer Fence Annual Monitoring Report
- Appendix D: Oneida Site Plan Compliance Monitoring and Performance Tracking
- Appendix E: Soda Site Plan Compliance Monitoring and Performance Tracking
- Appendix F: Grace Dam and Last Chance Site Plan Compliance Monitoring and Performance Tracking
- Appendix G: Habitat Enhancement Project Monitoring
- Appendix H: 2014 Implementation Schedule

1.4 Reports and Studies Completed in 2013

The Oneida Development Water Year 2013 Operation Report was completed during the 2013 reporting period and has been submitted along with this annual report to the FERC.



Idaho Department of Fish and Game field crew sampling as part of the Bonneville cutthroat trout conservation hatchery evaluation.

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 2013 report period, including major discussion points and decisions made at each meeting.

2.1 ECC Roles and Responsibilities

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

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

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

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

2.2 ECC Members

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

During the 2013 reporting period, the ECC met eight times. The primary purposes of the meetings were to report on and coordinate grant fund projects, to discuss results of studies funded by the ECC, and the Bonneville cutthroat trout conservation hatchery program. In addition, the ECC conducted business by conference call four times during 2013. Formal ground rules established and adopted by the ECC provided the functional framework for this collaborative work. ECC member participation in the meetings during 2013 is shown in Table 2-1.

Table 2-1. ECC Member Meeting Participation during 2013.									
ECC Member	Affiliation	ECC Meeting Date							
		1/16	2/20	4/24	6/19	8/21	9/9	11/13	12/11
Blaine Newman Arn Berglund, Alternate	Bureau of Land Management	x		x			x	x	x
Marv Hoyt Andrea Santarsiere, Alternate	Greater Yellowstone Coalition	x	x	x	x	x	x	x	x
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United							x	
David Teuscher Arnie Brimmer, Alternate	Idaho Department of Fish and Game	x	x			x	x	x	x
Kirk Rich	Idaho Department of Parks and Recreation								
Cary Myler David Kampwerth, Alternate	U.S. Fish and Wildlife Service	x	x		x	x	x	x	x
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	x			x				x
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes								
Lee Mabey Corey Lyman, Alternate	USDA-Forest Service	x	x	x	x		x	x	
Jim DeRito Warren Colyer, Alternate	Trout Unlimited	x	x	x	x	x	x	x	
Lynn Van Every Greg Mladenka, Alternate	Idaho Department of Environmental Quality	x	x	x	x	x	x	x	x
Susan Rosebrough Dan Miller, Alternate	National Park Service								
Mark Stenberg Eve Davies, Alternate	PacifiCorp	x	x	x	x	x	x	x	x

2.3 Overview of the Meetings

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

ECC Meeting #1 – January 16, 2013

- Heard updates on current grant projects, the 2012 Annual Report, and PacifiCorp's revised Operations and Compliance Plan.
- Reviewed the ECC's 2013 calendar and the grant fund budget.
- Discussed 2013 whitewater boater flows.
- Heard BCT Conservation Hatchery plans for 2013.
- Discussed the Cove water right non-use extension expiration and agreed by consensus that the two Cove water rights be placed into the state water supply bank with the provision that they not be available for rent and with the condition that it come up for ECC discussion in five years, prior to renewing the placement.
- Heard updates on land acquisition fund projects from Sagebrush Steppe Land Trust (SSLT).

ECC Meeting #2 – February 20, 2013

- Heard updates on current grant projects, the 2012 Annual Report, PacifiCorp's revised Operations and Compliance Plan, 2013 whitewater boater flows, extended monitoring in the Black Canyon, and the Conservation Hatchery Program.
- Approved the 2013 whitewater boater flow schedule, to include three 2-day events and one 3-day event on the following dates: April 13 & 14; April 26, 27, & 28; May 18 & 19; and June 1 & 2, 2013.
- Reviewed 2013 grant proposals and assigned ECC sponsors as needed.
- Heard information about the Kimball Hatchery and ECC concerns regarding fugitive fish from the hatchery entering the Black Canyon.
- Heard updates on land acquisition fund projects from SSLT.

Funding Proposal Subcommittee Meeting – March 13, 2013

- Reviewed and ranked 2013 grant proposals.

ECC Meeting #3 – April 24, 2013

- Heard updates on current grant projects, the 2012 Annual Report, PacifiCorp's revised Operations and Compliance Plan, 2013 whitewater boater flows, extended monitoring in the Black Canyon, and the Conservation Hatchery Program.
- Reviewed and approved the Funding subcommittee's recommendations for 2013 habitat enhancement projects. Discussed outstanding information needs on projects still under consideration.
- Approved PacifiCorp's 2013 Revised Operations and Compliance Plan.
- Heard updates on land acquisition fund projects from SSLT.

ECC Meeting #4 – June 19, 2013

- Heard updates on current grant projects, 2013 whitewater boater flows, extended monitoring in the Black Canyon, PacifiCorp's revised Operations and Compliance Plan, and the Conservation Hatchery Program.
- Heard PacifiCorp's decision on 2013 habitat enhancement projects.
- Heard information on a new proposed habitat enhancement project (Cove Spring Reconnection) from Stenberg.
- Heard updates on land acquisition fund projects and information on potential new projects from SSLT.
- Heard information from Stenberg regarding PacifiCorp's escalation of ECC funding.
- Took part in site visits to two properties being considered for conservation easements.

ECC Meeting #5 – August 21, 2013

- Heard updates on current grant projects, proposed new grant projects, extended monitoring in the Black Canyon, and the Conservation Hatchery Program.
- Reviewed the ECC's decision-making flow chart and 2013 calendar.
- Heard an update on ECC review of PacifiCorp's escalation of funds.
- Reviewed and approved SSLT's annual funding request in the amount of \$30,000.
- Heard updates on land acquisition fund projects and information on potential new projects from SSLT.

- Took part in a site visit to a potential land acquisition project.

ECC Meeting #6 – Special Meeting - September 9, 2013

- Reviewed PacifiCorp’s final escalation of ECC funding.
- Discussed and set ECC priorities for land and water acquisition projects.

ECC Meeting #7 – November 13, 2013

- Heard updates on current grant projects, proposed new grant projects, extended monitoring in the Black Canyon, the Conservation Hatchery Program, and PacifiCorp’s escalation of ECC funding.
- Heard information on a proposed new hydroelectric development on the Cub River, the Western Native Trout Initiative, the “protected area” status of the Bear River Narrows, and a potential minimum flow noncompliance event at Oneida.
- Heard updates on land acquisition fund projects and information on potential new projects from SSLT.

ECC Meeting #8 – December 11, 2013

- Heard updates on current grant projects, proposed new grant projects, extended monitoring in the Black Canyon, the Conservation Hatchery Program, and the 2013 Annual Report.
- Reviewed grant fund budget and the ECC’s 2014 calendar.
- Reviewed and ranked a proposed habitat enhancement project.
- Heard information on a proposal to expand land leased from the BLM near PacifiCorp’s Grace Plant to simplify land management in that area.
- Heard updates on land acquisition fund projects and information on potential new projects from SSLT.

Conference Calls

In addition to the regular meetings described above, the ECC conducted business by conference call four times during 2013. The ECC and SSLT discussed desired future conditions for a property on Eightmile Creek being considered for a conservation easement during conference calls held on January 24 and 30. Consultants from Biota reviewed their recommendations for restoration and habitat enhancement on that property during a January 30 call. Riparian protection measures for the property were discussed

during a call on March 18. The ECC discussed the results of site visits to two additional properties being considered for conservation easements during a May 22 call.

Consensus Decisions Made by E-mail Vote

In 2006, the ECC agreed to consensus decision-making by email vote. The following consensus decisions were made by ECC members via email vote during 2013:

- Expedited approval of a 2013 habitat enhancement project proposed by USDA-Forest Service: Bonneville Cutthroat Trout Trapping on Bailey, Stauffer, and Georgetown Creeks (vote called March 29, 2013).
- Approved Cove Spring Reconnection as a 2013 habitat enhancement project (vote called June 24, 2013).

3.0 Accomplishments

This section presents the actions taken during 2013 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 schedule of measures 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 2014 Implementation Schedule is included in Appendix H of this report.

A discussion of the activities associated with each of the PM&E measures is presented in Table 3.1-1 by License Article for the report period January - December 2013. A description of funding amounts deposited and disbursed during 2013 is provided in Section 4.0 - Funding.

Table 3.1-1 Accomplishments During the 2013 Report Period			
License Article	Accomplishments 2013	Comments	Future Plans 2014
401	2012 Annual Report was filed with FERC.	Annual Report preparation and filing. To include studies and reports completed along with accounting for funds.	2013 Annual Report filed before March 1, 2013.
402	Environmental Coordination Committee meetings were conducted on January 16, February 20, April 24, June 19, August 21, September 9, November 13, and December 11.	ECC meetings were facilitated by PacifiCorp.	Meetings are expected to continue on approximately a bi-monthly schedule through 2014. The main agenda items for regular meetings will be grant administration for the habitat enhancement and land and water acquisition fund, along with the Bonneville cutthroat trout conservation hatchery program.
403	No new actions.	IDFG released the first Bonneville cutthroat trout produced at the hatchery at Kackley Springs on April 20, 2011. IDFG provided a final report of broodstock development activities dated January 24, 2012.	This license article is complete.
404	IDFG released 19,544 Bonneville cutthroat trout that were raised in 2012. Approximately 27,874 were produced during 2013 for release in 2014.	A Conservation Hatchery Agreement was executed with IDFG March 13, 2011. The Conservation Hatchery Program commenced December 22, 2011.	IDFG will continue to produce Bonneville cutthroat trout at the Grace Hatchery. Approximately 27,874 Bonneville cutthroat trout will be released in 2014. Conservation hatchery support payment will be made in 2014.
405	Funding requests were rated and ranked by subcommittee at a March 13 meeting and approved by the ECC at the April 24 meeting and by email voting in March and June 2013.	Eight habitat enhancement projects were approved for funding during 2013: Pearl Creek Reconnect Fish Screen Repair Fund Fish Screen Tender Dead Horse Spring Restoration Smith Bear River Fencing BCT Trapping on Stauffer and Georgetown Creeks	Subcommittee is scheduled to evaluate new projects March 12, 2014, and will present recommendations to the ECC at its April 16, 2014 meeting.

Table 3.1-1 Accomplishments During the 2013 Report Period			
License Article	Accomplishments 2013	Comments	Future Plans 2014
		Cove Spring Reconnection Keetch Livestock Waste Containment	
406	No conservation property transactions were completed. Two projects underway in 2013 were cancelled by the landowners.	Land and Water Acquisition Fund	Because of the opportunistic nature of Land and Water Acquisition Fund proposals, they will be evaluated for funding at any time of the year. The two new conservation easement projects that were started in 2013 may close in 2014.
407	No new actions.	The final report was transmitted to FERC with the January 31, 2012 report on Boater Flows.	Activities under this license article are complete.
408	Notification of annual maintenance activities and timeframes were given to the ECC by the Environmental Coordinator on February 14, April 11 and July 31 of 2013.	The licensee shall maintain continuous minimum bypass flows from the project development as follows: (a) Below the Soda Dam: year-round minimum flow of 150 cfs, or inflow into the Soda reservoir, whichever is less; (b) Grace bypassed reach: a year-round minimum bypass flow of 63 cfs or inflow, whichever is less, in addition to 2 cfs leakage below the Grace Dam; (c) Oneida reach below the powerhouse: a year-round minimum flow of 250 cfs or inflow, whichever is less, in addition to 1 cfs leakage below Oneida Dam.	The minimum stream flow requirements will continue in accordance with procedures described in the Operations and Compliance Plan. Annual maintenance schedule to be given to ECC before April of 2014.
409	No new actions.	On May 18, 2012, the Final Agreement on Boater Flows was filed with FERC. This agreement included the ECC's recommendation to not reinstate Art. 409. Permanent suspension of	No future action is required.

Table 3.1-1 Accomplishments During the 2013 Report Period			
License Article	Accomplishments 2013	Comments	Future Plans 2014
		Art.409 Fish Stranding Minimization Plan was approved by FERC on October 17, 2012, in an issuance that confirmed that PacifiCorp had complied with Ordering paragraph (b) of FERC's June 3, 2011, Order Approving Suspension of the Fish Stranding Minimization Plan.	
410	No new actions.	Kackley Springs Reroute Project	This license article is complete. Future land management activities around the springs will be conducted in accordance with the Grace/Cove Site Plan.
411	No new actions.	Dam Leakage Minimization Plan	On-going measurement in compliance with license.
412	Implement ramping rate limitations. 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. In 2012, the ECC determined that a 1 FT/HR down ramp rate would be used for boater flows (see also summary for Art. 409, above).	The ramping rate limitations will continue in accordance with procedures described in the Operations and Compliance Plan.
413	On-going.	Compliance with Clean Water Act Section 401 Certification.	Idaho Department of Environmental Quality will continue to collect water quality monitoring data during boater flow events in 2012, 2013 and 2014 to inform potential future management decisions.
415	Operations and compliance issues were handled according to the provisions of the Operations and Compliance Plan issued April 7, 2005. An updated operations and compliance plan was submitted to FERC June 20, 2013.	Includes description of equipment and methods for compliance with instream flow and ramping requirements.	Implement updated operations compliance plan when approval is received from FERC.
416/417	<ul style="list-style-type: none"> • Park maintenance payment was made to Caribou County for 2013 funding. • Law enforcement payment was made to Franklin 	Recreation Site Maintenance	<ul style="list-style-type: none"> • Implement annual dust abatement measures • Maintain signs and recreation sites • Make annual payment to Caribou County

Table 3.1-1 Accomplishments During the 2013 Report Period			
License Article	Accomplishments 2013	Comments	Future Plans 2014
	<p>County for 2013 funding.</p> <ul style="list-style-type: none"> Dust abatement applications were made around the campgrounds and day-use area in the Oneida Canyon. Oneida Campground maintenance payment was made to USDI-BLM for 2013 funding. 		<ul style="list-style-type: none"> Make annual payment to USDI-BLM Make annual payment to Franklin County Sheriff Perform Recreation and Traffic Safety Plan and Site Plan recreation elements annual monitoring as specified
418	No new action.	Boating Flow Release Plan	Actions required under this license article are complete.
419	A total of nine boater flow releases were made on four weekends in 2013. Three two-day events and one three-day event were provided on the following days: April 13 and 14; April 26, 27 and 28; May 18 and 19; and June 1 and 2.	Boating Flow Release Schedule	Per the new 2012 ECC boater flow agreement, four weekends of scheduled boater flows will occur between April 1 and June 5. A down ramp rate of 1 FT /HR will be used.
420	<p>Recreation flows were provided in relation to required irrigation releases. During the period June 18 - September 8, high irrigation demand resulted in flows above 900 cfs in the Oneida Narrows reach.</p> <p>Operational regime report was filed with IDEQ.</p>	Oneida Development Water Year 2013 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.
421	In 2013, a boater flow schedule was developed with American Whitewater after PacifiCorp provided the 2013 water year forecast. The schedule was provided to the ECC for review and submitted to FERC. The flow schedule was posted on the PacifiCorp website and information provided on the Flow Phone.	Boating Flow Forecasting Plan	Implement the "Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management." This will provide four weekends of scheduled flows between April 1 and June 5, at 1 FT/HR downramp rate and continue suspension of Art. 409. PacifiCorp will provide the flow forecast, develop a schedule with American Whitewater, and post the schedule on the Bear River website and Flow Phone. 2014 schedule to be submitted to FERC prior to March 20, 2014.

Table 3.1-1 Accomplishments During the 2013 Report Period			
License Article	Accomplishments 2013	Comments	Future Plans 2014
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 flow 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 Bear River operations staff. Annual Report of HPMP activities was provided to FERC. A consultation meeting and field trip were held with the Shoshone Bannock Tribe concerning traditional cultural properties and interpretive signs. Designs for three native American interpretive signs were completed.	Historic Properties Management Plan	<ul style="list-style-type: none"> • Continue to follow HPMP guidance for project review. • Provide HPMP report to FERC before January 22, 2014 deadline. • Continue to work with Tribes on Native American interpretive signs and traditional cultural property consultation • Provide staff cultural resource training. • Manufacture and install Native American interpretive signs that were designed in 2013.
424/425/426	<ul style="list-style-type: none"> • The updated Article 424 Land Management and Buffer Zone Plan was submitted to FERC with the 2011 Annual Report. • Fence repair and maintenance was conducted at Alexander, Grace, Cove, and Oneida. • Noxious weed control activities were completed in all site plan areas. • Performance tracking and compliance monitoring was completed for all site planning areas. Forms are attached to this annual report. • Final Oneida fence line northwest of plant was moved to property boundary line. 	<p>The original Land Management Plan was approved by the FERC on April 11, 2006. A revised plan was submitted to FERC with the 2011 Annual Report. The LMP describes development of site plans for five project areas and stipulates the contents of the site plans. Site plans will be implemented no later than 10 years after original LMP approval.</p> <p>Site plans and implementation were prioritized into the following order:</p> <p>1) Grace-Cove (Complete, with exception of completion of flow line exclusion fencing renovation in 2014.)</p>	<ul style="list-style-type: none"> • Continue monitoring as required for Grace-Cove, Oneida, Soda, and Grace and Last Chance site plans. • Ongoing maintenance of fences, gates and boundaries in all site plan areas. • Monitor compliance with site plan implementation measures and performance of those measures. Take corrective actions as identified. • Noxious weed control. • Maintain Cove Buffer shoreline fence on non-company lands, per Art 426 requirements. • Potentially perform minor updates to the Oneida and Grace-Cove site plans for consistency with 2011 LMP updates if the updated plan is approved by FERC.

Table 3.1-1 Accomplishments During the 2013 Report Period			
License Article	Accomplishments 2013	Comments	Future Plans 2014
		2) Oneida (Complete) 3) Soda (Complete) 4) Grace Dam (Complete) 5) Last Chance (Complete)	<ul style="list-style-type: none"> • Continue to closely monitor and address as needed off-road trespass issues at Soda. • Address various minor issues noted in 2013 Compliance and Performance Tracking monitoring at each of the four planning areas. • Complete Grace flow line exclusion fence renovation in 2014. • Report on implementation in the Annual Report.
427	No new actions.	Expanded FERC Project Boundary	Required actions are complete.
Order Amending License and Revising Annual Charges – 62,205	Cove water right placement into the State Water Bank was renewed with consultation and agreement of the ECC.	Cove Decommissioning Order	Required actions are complete.

3.1 Work Completed in 2013

3.1.1 Work Completed by License Article

Implementation Plan and Annual Reporting (License Article 401)

This 2013 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 2013; 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 2014 are listed in section 3.2 and Appendix H. An accounting of funds is included in Section 4.0.

Environmental Coordination Committee (Article 402)

The Environmental Coordination Committee (Table A-1) met eight times during the 2013 reporting period. The meetings were facilitated by PacifiCorp's environmental coordinator, Mark Stenberg. In addition, the ECC conducted business by conference call four times during 2013 and made two consensus decisions via email. A summary of the ECC's activities is provided in Section 2.0. ECC meetings are expected to continue approximately every other month in 2014, 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 (BCT) Restoration Study Plan, prepared in consultation with the ECC, was completed in late 2004. It included study plans for genetic sample analysis, irrigation diversion/barrier mapping and aerial photography, telemetry studies, and broodstock development.

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

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



Bonneville cutthroat trout fingerling produced at Idaho Department of Fish and Game's Grace Fish Hatchery. Nearly 20,000 BCT were released during 2013 stocking efforts.

A funding agreement for the disbursement of broodstock funds was drafted by PacifiCorp and IDFG during late 2008. IDFG has chosen to proceed initially with a broodstock program focusing on fish from the Thatcher reach, between Grace Dam and Oneida Reservoir, and will utilize the state's Grace Fish Hatchery near Grace, Idaho to rear broodstock. Disbursement of broodstock development funding for 2008 and 2009 was made upon completion of the funding agreement in early 2009. A final payment was made in 2010. Funding was used by IDFG to improve the spring source and water supply to the hatchery to better protect the broodstock from the potential for disease and cross contamination within the hatchery. A portion of the funds were used to support collected fish at Kent Clegg's spring-fed fish ponds in Grace, Idaho. In addition, IDFG produced 19,000 Bonneville cutthroat trout fingerlings at the Grace Hatchery during 2010. On April 20, 2011, IDFG released the first Bonneville cutthroat trout produced at the hatchery at the site of the Kackley Springs reroute project. IDFG issued a final report of broodstock development activities on January 24, 2012. This license article is complete.

Conservation Hatchery Plan (Article 404)

The Conservation Hatchery Plan was completed in 2004 as part of the Implementation Plan. This plan describes the use of funding for the purpose of stocking native Bonneville cutthroat trout in the action area. Guidance for stocking Bonneville cutthroat trout was developed over the first seven years of the license as Bonneville cutthroat trout restoration studies were conducted and the Bonneville Cutthroat Trout Restoration Plan was developed. A draft Conservation Hatchery Agreement was prepared by IDFG during 2011 and the Conservation Hatchery Program commenced December 22, 2011. IDFG provided a



Bonneville cutthroat trout produced at IDFG's Grace Fish Hatchery during 2013.

final report of broodstock development activities on January 24, 2012 and the first conservation hatchery payment was made. IDFG produced and released 19,544 Bonneville cutthroat trout during 2013. Six-inch fish were released in spring; 10-inch fish were released in fall. Approximately 27,874 were produced for release in 2014. IDFG will continue to produce Bonneville cutthroat trout at the Grace Fish Hatchery. Hatchery payments of \$100,000 will be made available each year through the end of the license term for implementation of this article, or acceptable alternative use.

Habitat Restoration Plan (Article 405)

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

In 2005, the ECC formed a subcommittee to develop proposal and application forms for individuals and organizations seeking funding from the ECC for habitat enhancement projects. The subcommittee also

developed evaluation criteria for proposals. A schedule for solicitation of funding proposals was set, and the subcommittee meets yearly in the spring to review and rank projects. The ECC at large then votes on the subcommittee's recommendations for funding. PacifiCorp initiated monitoring for the habitat enhancement projects; the results of the 2013 monitoring efforts are presented in Appendix G.

Prior to the 2013 review period, flyers were distributed to ECC members, local USDA-Natural Resource Conservation Service (NRCS) offices, and previous applicants to announce habitat enhancement funding availability and to request proposals. Application materials were posted to PacifiCorp's website.

The ECC received 14 proposals for habitat enhancement funding during the 2013 spring review period. These proposals were reviewed and ranked by subcommittee members on March 13, 2013. The subcommittee's rankings and funding recommendations were presented to the ECC for approval on April 24, 2013. Seven habitat enhancement projects with funding requests totaling \$123,903.43 were approved by the ECC at that meeting (one of these received expedited approval by email vote in March). A \$15,000 funding request for one additional project was approved by the ECC via email vote in June, bringing the total 2013 awards to \$138,903.43. Habitat enhancement projects approved by the ECC during 2013 are described below.

Pearl Creek Reconnection

Idaho Department of Fish and Game was awarded \$25,903.43 to design and engineer a project to reconnect Pearl Creek with the Bear River on Eightmile Ranch, near Soda Springs, Idaho. The project will include survey of the site, development of alternatives, selection of an alternative, and completion of the final design. The goal of the design is to improve irrigation efficiency while restoring connectivity between Pearl Creek and the Bear River and provide suitable cold water habitat for Bonneville cutthroat trout.

Fish Screen Tender

The ECC awarded \$12,000 to Idaho Department of Fish and Game to help fund an employee responsible for monitoring and maintenance of all fish screens on irrigation diversions within the action area of the license, Bear River drainage, Idaho. A few fish screens outside the action area are also maintained (i.e., Thomas Fork).

Fish Screen Repair Fund

The ECC set aside \$20,000 for maintenance of fish screens previously funded by the ECC. These funds will be used to repair or replace screen parts as needed.

Dead Horse Spring Restoration

The ECC awarded \$25,000 to PacifiCorp to prepare a restoration plan for a spring complex on company land west of the Black Canyon boater takeout. The goal of the project is to prepare a plan for restoration of the spring complex to provide additional step pool habitat, spawning gravels, rearing, overwintering and summer refuge for native fish. The spring complex has been degraded from past grazing, human modifications, and fire.

Smith Bear River Fencing

Private landowner Steven Smith was awarded \$7,500 to install a solar-powered livestock water system on his property one mile upstream of the Highway 34 bridge over the Bear River in Riverdale, Idaho. The project will eliminate livestock access to the Bear River, allowing riparian vegetation to re-establish and reducing sedimentation and nutrient loading to the river.

BCT Trapping on Stauffer and Georgetown Creeks

The ECC awarded \$8,500 to the U.S. Forest Service for a study to quantify the timing and numbers of spawning fish using two tributaries of the Bear River—Stauffer and Georgetown creeks. As part of the study, Forest Service personnel will deploy and staff temporary fish traps. Genetic samples will be collected and redd surveys will be conducted to identify spawning locations.

Keetch Livestock Waste Containment

As part of a larger \$200,000 project aimed at containing livestock waste on private land along the Bear River near Stewart Dam, the ECC awarded up to \$25,000 to private landowner Layne Keetch to match Natural Resource Conservation Service funding for a conveyance pipe, corral fence, containment berm, and off-site water source. This project was sponsored by the Bear Lake Soil and Water Conservation District.

Cove Spring Reconnection

The ECC awarded \$15,000 to PacifiCorp for preparation of a plan to connect a large spring complex on BLM and company lands near the Cove Plant to the Bear River. Construction of about 400 linear feet of new channel will provide fish passage into the spring complex from the Bear and has the potential to provide spawning, rearing and overwintering habitat for native fish in the Thatcher reach of the Bear River. The plan will be used for project permitting and will detail construction of appropriate stream channel morphology to support fish passage, spawning, rearing and refuge.

Land and Water Acquisition Plan (Article 406)

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

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

In 2006 PacifiCorp entered into a Memorandum of Agreement with Sagebrush Steppe Land Trust to acquire properties using the license-required land and water acquisition fund. The 2006 memorandum described the process for the trust to acquire properties once approved by the ECC. The MOA was updated by PacifiCorp and SSLT during 2012 and the updated MOA received a vote of support from the ECC at its September meeting that year.

To date, funds expended from the land and water acquisition fund have protected more than 2,000 acres. Table 3.1-2 summarizes the acres, type of acquisition, whether conservation easement or fee title, and length of river bank protected to date.

Table 3.1.2 Lands and Easements Acquired with the Land and Water Acquisition Fund					
Parcel	Acreage	Waterbody	Date	Linear Feet of Riparian Protection*	
				Left Bank	Right Bank
Conservation Easements					
Cove Easement 1 Olsen	0.25	Bear River	2006	342	--
Cove Easement 2 Hansen	0.04	Bear River	2006	29	--
Cove Easement 3 McCurdy	0.68	Bear River	2006	758	--
Cove Easement 4 Olsen	0.24	Bear River	2006	343	--
Cove Easement 5 Harris	1.0	Bear River	2006	740	--
Henderson Preserve	210	Bear River	2008	4,406	4,114
Harris Preserve	116	Bear River	2009	2,899	--
Upper Christensen	767	Mink Creek	2012	3,250	3,250
Lower Christensen	261	Mink Creek	2012	--	2,500
Riparian Christensen	5	Mink Creek	2012	1,250	1,250
Fee Title					
Kackley Preserve	157	Bear River	2006	1,964	3,402
		Kackley Creek	2006	2,661	2,790
Cove Preserve	2.3	Bear River	2006		772
Deep Creek Preserve	435	Bear River	2010	1,767	1,812

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

Prior to the 2013 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. No lands or easements were acquired during 2013. However, two new conservation easement projects that were started during 2013 are expected to close in 2014.

In August 2013, the ECC approved an expenditure of \$30,000 from the land and water acquisition fund for SSLT staff support from June 2013 – June 2014.

Black Canyon Monitoring Plan (Article 407)

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

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

Minimum Flow Requirements (Article 408)

In compliance with section 3.2.1.1 of the Bear River Settlement Agreement, PacifiCorp's environmental coordinator provided notification of annual maintenance activities and time frames to the ECC via email on February 14, April 11, and July 31, 2013. PacifiCorp's annual maintenance schedule for 2013 was provided to the ECC before April 2013.

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

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

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

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

Fish Stranding Minimization Plan (Article 409)

The Fish Stranding Minimization Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004. An order modifying and approving the plan was issued by FERC on March 7, 2005. The plan describes measures and agency consultation to minimize potential fish stranding resulting from release of recreation flows from the Grace Development. The Fish Stranding Minimization Plan was to be implemented in 2008, upon commencing scheduled recreation boating releases into Black Canyon, or during other times when high flows result in spill from Grace Dam. However, in 2007, the ECC began working to develop a ramp rate/fish stranding study to measure the direct impacts of downramps after whitewater releases. In 2008, FERC granted PacifiCorp's request to suspend Article 409 until the fish stranding study was completed. The Boater Flow Ramp Rate Study was completed during 2010 and a final report was submitted to FERC. The need to implement, change or request removal of Article 409, based on study results, was discussed with the ECC during a series of meetings in 2011. Per the requirements in a June 2, 2011 FERC Order, PacifiCorp prepared a report on the ECC's decision making regarding boater flows and the suspension of Article 409. This report was submitted to FERC on January 31, 2012 and included a recommendation to continue suspension of Article 409. The report also included the ECC's decision to use a down ramp rate of 1 foot per hour following boater flows. On May 18, 2012, the Final Agreement on Boater Flows was filed with FERC. This agreement included the ECC's recommendation to not reinstate Article 409. Continued suspension of the Article 409 Fish Stranding Minimization Plan was confirmed by FERC on October 17, 2012, in an issuance that confirmed PacifiCorp

had complied with Ordering paragraph (b) of FERC's June 3, 2011 Order Approving Suspension of the Fish Stranding Minimization Plan. There were no new actions in 2013.

Kackley Springs Plan (Article 410)

The Kackley Springs Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004 and an order modifying and approving the Kackley Springs Plan was issued by FERC March 22, 2005. The Kackley Springs Plan was also discussed by the ECC as part of the Grace-Cove Site Plan. The Kackley Springs Plan proposes studies and monitoring to determine the effects of flow on Bonneville cutthroat trout and other aquatic resources. In 2006, the ECC awarded a habitat enhancement fund grant to a graduate student to investigate options to reconnect the Kackley Springs flow to the channel that crosses the Kackley parcel. The ECC reviewed this report during 2008 and conducted a field review of the site during its July 2008 meeting. A conceptual plan was agreed to by the ECC to discontinue diversion of the spring directly into the Bear River and send the water down a longer route that can potentially be used by native fish for spawning. Habitat enhancement funding was approved for the project during 2009 (see Article 405, above) and the Kackley Springs Reroute Project was completed later that year. Idaho Department of Fish and Game's first release of Bonneville cutthroat trout from the Grace Hatchery took place at Kackley Springs in 2011 (see Article 403, above). Noxious weed control took place and additional shrubs and willow stakes were planted during 2009, 2010 and 2012, and the ECC approved a habitat enhancement project in 2012 to raise the elevation in the main pond. This article is now complete. Future land management activities around the springs will be conducted in accordance with the Grace-Cove Site Plan.

Dam Leakage Minimization Plan (Article 411)

The Dam Leakage Minimization Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004 and approved December 13, 2004. This plan describes steps to measure leakage from Grace and Oneida dams. The measurement protocol was developed in consultation with the ECC, and dam leakage measurements were taken in October 2004. An order amending Article 408 (Minimum Flow Requirements) was issued by FERC on December 2, 2005 and included dam leakage in minimum flow requirements. No further action was needed during 2013.

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. Notification of annual maintenance activities and timeframes were given to the ECC by the environmental coordinator via email as reported for Article 408.

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

Water Quality Monitoring Plans (Article 413)

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

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

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

Operations and Compliance Plan (Article 415)

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

Compliance Plan was issued April 7, 2005. Subsequently, based on operational issues identified during 2005, PacifiCorp suggested revisions to the plan regarding how minimum flows are measured during low-flow periods. These revisions were presented to the ECC for comment initially in November of 2005, and discussions continued through 2006. In 2007, a modification to the Operations and Compliance Plan regarding publishing of streamflow gage data by the USGS was presented to and accepted by the ECC. During 2008, the compliance point for Black Canyon minimum stream flow measurement was changed from the USGS gage below the Grace Dam to the reservoir elevation gage, a reservoir deadband, and calculated gate opening. A revised Operations and Compliance Plan, which includes updates on new stream flow gaging equipment, the change in compliance point at Grace Dam, operations directions for transition from minimum stream flow at Grace Dam to inflow, and publication of USGS stream flow data, was submitted to FERC June 20, 2013 and will be implemented when the plan is approved.

Recreation and Traffic Safety Plan (Articles 416/417)

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

During 2013, annual funding was provided to Caribou County for park maintenance, to Franklin County for law enforcement, and to BLM for Oneida campground maintenance. Annual dust abatement applications were made around the campgrounds and day-use area in Oneida Canyon.

Boating Flow Release Plan (Article 418)

The Boating Flow Release Plan was completed as part of the Implementation Plan filed with FERC May 28, 2004. An order modifying and approving the Flow Release Plan was issued August 11, 2005. This plan describes measures to release whitewater boating flows from the Grace Dam for the purpose of whitewater recreation. During 2007, plans to install slide gates to facilitate whitewater releases were completed and submitted to FERC. In 2008, Grace Dam was modified by the installation of the spill gates, which are used to facilitate whitewater releases. There was no new action during 2013.

Boating Flow Release Schedule (Article 419)

The ECC developed a Black Canyon Monitoring Plan (Article 407) to document the effects to aquatic resources of flow releases from the Grace Dam for whitewater recreation in the Black Canyon reach of the Bear River. This six-year study started in 2005 and concluded in 2010. It collected data over three baseline years without whitewater releases and for three years with releases. Flow releases during the second three years were triggered by river inflow. In addition to this study, in 2007 the ECC developed a ramp rate study plan to evaluate fish stranding over three years and use this information, along with the six-year Black Canyon Monitoring Study, to make future decisions concerning ramp rates and whitewater boater program structure.



Kayakers descend the Black Canyon of the Bear River during whitewater boater flows.

During fall of 2011, a series of three ECC work sessions were held to discuss study results that included the six-year monitoring report, the fish stranding report, water quality, and the timing and schedule of future boater flows. A report of these discussions was submitted to the FERC on January 31, 2012. This report included the Draft Agreement for Boater Flows: Extended Study Period & Adaptive Management and a commitment to follow up with FERC 45 days after the agreement was finalized. According to the terms of the draft agreement, during the extended study period (2012 – 2014), four weekends of scheduled boater flows will be released between April 1 and June 5; a down ramp rate of 1 foot per hour will be used; and the Article 409 Fish Stranding Minimization Plan will remain suspended. Final ECC approval of the agreement and associated study plans to be implemented by IDFG and IDEQ for monitoring of water quality and fisheries during the extended study period was granted April 18, 2012 and the agreement was implemented during the 2012 whitewater boater flow season.

The Final Agreement for Black Canyon Boater Flows: Extended Study Period & Adaptive Management was submitted to FERC on May 18, 2012. FERC responded on October 17, 2012, that PacifiCorp had fulfilled consultation and reporting requirements as required in FERC's June 3, 2011, Order Approving Suspension of Fish Stranding Minimization Plan under Article 409.

A total of nine boater flow releases were made over four weekends during 2013. Three two-day whitewater boater flow events and one three-day event were provided on April 13 & 14; April 26, 27 & 28; May 18 & 19; and June 1 & 2, 2013.

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 2013, recreation flows were provided in relation to required irrigation releases. During the period June 18 to September 8, high irrigation demand resulted in flows above 900 cfs in the Oneida Narrows reach. The Oneida Development Water Year 2013 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.

A 2013 boater flow schedule was developed in consultation with American Whitewater after PacifiCorp provided the 2013 water year forecast. The schedule was developed in accordance with the terms of the ECC's Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management, which is being implemented during 2012–2014. The schedule was provided to the ECC for review and submitted to FERC. The schedule of flows was posted on the PacifiCorp website and information was provided on the Flow Phone. Nine boater flow releases were provided over four weekends in 2013.

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 2013.

Historic Properties Management Plan (Article 423)

The Historic Properties Management Plan (HPMP) was completed in early 2005 and filed with FERC on March 29, 2005. This HPMP was then withdrawn to allow the preparation of a revised plan for submittal to the Idaho State Historic Preservation Office. The revised plan was intended to address the SHPO's comments on the previous draft. Additional comments were received from the SHPO in 2007 and a revised HPMP was submitted to FERC in July 2007. During 2008, FERC issued an order accepting the

HPMP and directing PacifiCorp to begin implementation. PacifiCorp has prepared and presented cultural resource training to all Bear River operations staff yearly since 2009, including a 2013 training. Interpretive panel artwork that was finalized during 2011 was manufactured and installed in 2012, except those covering Native American use of the area. Eight signs total were installed that covered historical information on the Grace, Cove and Oneida developments in addition to Doc Kackley, the Oneida Plant Disaster, and Bonneville cutthroat trout. A consultation meeting and field trip were held with the Shoshone Bannock Tribe concerning traditional cultural properties and interpretive signs. Designs were completed for three Native American interpretive signs during 2013. The 2013 annual report on HPMP activities was submitted to FERC prior to the January 22, 2014 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 and approved April 11, 2006. Included in the LMP are the Shoreline Buffer Zone Plan and the Cove Fencing Plan. The LMP describes the implementation of new land management procedures, as specifically detailed in five site plans. These site plans were to be completed (written) within 5 years after the LMP was approved, and were prioritized as follows: Grace-Cove, Oneida, Soda, Grace Dam, and Last Chance land parcels. 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 was to be completed by 10 years after LMP approval.

A minor update of the LMP was completed in consultation with the ECC in 2011, as noted in the original 2005 LMP, Section 2.4. This update was made necessary by the decommissioning of the Cove Project in 2006, completion of the site plans in 2010, and installation of measures to protect lands within the FERC project boundary being placed at the outer PacifiCorp property boundaries (and therefore outside the original FERC project boundary), collectively. The updated LMP was submitted to FERC with the 2011 annual report of implementation activities and will be implemented upon FERC approval.

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, and the remainder was finished in 2007—including revised leases, final edits to monitoring forms, and revisions based on Cove decommissioning. Some remaining cross-fencing no longer needed in the Grace-Cove site plan area was removed in 2012 and fence repair and maintenance was conducted in 2013. The Grace-Cove site plan is proposed for an update, pending FERC approval of the revised LMP.

The Oneida Site Plan was drafted and reviewed by the ECC in 2006. The plan was finalized in 2007, but revisions were made during 2008. Implementation actions for Oneida were completed in 2007 and 2008 including installation of cattle exclusion fencing and boundary markers along property lines not fenced. Remaining interior cross fencing was removed in Oneida Canyon during 2010 and 2011. Fence repair and maintenance was conducted during 2013 and the final Oneida fence line northwest of the

plant was moved to the property line. Similarly to the Grace-Cove plan, the Oneida Site Plan is proposed for an update, pending FERC approval of the revised LMP.

The Soda Site Plan was completed and reviewed by the ECC during 2008 and implementation actions were substantially completed during 2008, including installation of boundary markers and cattle exclusion fencing, marking of expanded reservoir buffer areas, and seeding of approximately 130 acres with native grass in new reservoir buffer areas. Agricultural leases were modified to prohibit grazing and to allow for the reduction in areas set aside for reservoir buffers. The Soda Site Plan was finalized in 2009. Most of the interior abandoned cross fencing was removed from the Soda Site Plan area in 2011. Some remaining cross fencing was removed in 2012.

The Grace Dam and Last Chance Site Plan was finalized during 2010. Implementation actions completed at Grace Dam and Last Chance include installation of property boundary markers and cattle exclusion fencing where needed. An agricultural field adjacent to the Grace forebay and former cattle feeding areas at Grace forebay and Last Chance were seeded with native grass, abandoned interior fences were removed from the Grace and Last Chance properties, and two cattleguards were installed on the dirt road at Last Chance to exclude cattle from the river. Noxious weed control activities were performed in all areas in 2013 as required in the site plans.

The Cove Buffer shoreline fence was monitored as required during 2013. Monitoring forms are included in Appendix C of this report. Any maintenance needs noted will be completed during 2014. Monitoring reports for the Grace-Cove, Oneida, Soda, and Grace Dam and Last Chance site plans are included in Appendix B, D, E and F of this report, respectively.

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 2013, although future actions may be necessary based on the 2011 updated LMP.

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

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

State Water Supply Bank was renewed following consultation and agreement with the ECC. All required actions are complete.

3.2 Work Anticipated in 2014

This section outlines work anticipated for license implementation and compliance during 2014. As noted in Section 3.0, an implementation schedule for 2014 is included in Appendix H of this report. The 2014 implementation schedule updates and replaces the implementation schedule filed with the Implementation Plan in 2004, and the schedule included in the 2013 Annual Report.

- File 2013 Annual Report, including the Oneida Development Water Year 2013 Operations Report.
- Continue collaboration with stakeholders through ECC meetings held every other month (or more frequently, as needed).
- Make conservation hatchery payment to IDFG.
- Continue the Habitat Enhancement Program - Subcommittee to evaluate projects in March 2014 and present recommendations to the ECC for approval in April 2014. Subcommittee may continue to evaluate projects as they are presented during the remainder of the year. Continue to monitor habitat enhancement projects (per Appendix G).
- Continue the Land and Water Acquisition Program – Subcommittee to evaluate projects as they are presented during the remainder of the year.
- Continue to document required minimum flows.
- Provide PacifiCorp’s annual maintenance schedule to the ECC before April 2014, consult with ECC in emergencies, as practical.
- Continue to implement the Agreement for Black Canyon Boater Flows: Extended Study Period and Adaptive Management. This will require four weekends of flows between April 1 and June 5, a 1 foot per hour down ramp rate, and continued suspension of Article 409. PacifiCorp will provide the flow forecast, develop a schedule with American Whitewater, and post the schedule on the Bear River website and Flow Phone. IDEQ will continue to collect water quality monitoring data during boater flow events in 2012 through 2014 to inform potential future management decisions. IDFG will implement a fisheries study plan during the 2012 to 2014 timeframe.
- Implement the updated Operations and Compliance Plan after approval is received from the FERC.

- Make annual payments to Caribou County, BLM, and Franklin County Sheriff; implement dust abatement measures on Oneida Road; maintain signs and recreation sites; and perform annual monitoring of Recreation and Traffic Safety Plan and Site Plan recreation elements, as specified.
- Submit 2014 whitewater boater flow schedule to FERC.
- Submit annual Oneida Operations Report to IDEQ.
- Maintain website and Flow Phone.
- Continue to follow the Historic Preservation Management Plan (HPMP) guidance.
- Submit annual report on HPMP activities in January 2014.
- Continue to work with Tribes on Native American interpretive signs. Manufacture and install Native American interpretive signs designed during 2013.
- Provide staff cultural resource training.
- Make minor updates to the Oneida and Grace-Cove site plans for consistency with the 2011 Revised Land Management Plan if the revised plan is approved by the FERC.
- Continue monitoring as required for the Grace-Cove, Oneida, Soda, and Grace Dam and Last Chance site plans. Take corrective actions as needed.
- Treat noxious weeds.
- Conduct ongoing maintenance of fences, gates, and boundaries in all site plan areas.
- Maintain Cove buffer shoreline fence, per Art. 426
- Complete Grace flow line exclusion fence renovation.
- Continue to monitor vehicle trespass issues at Soda and address as needed.
- Address any other minor compliance issues noted during 2013 monitoring efforts at each of the four planning areas.

- Report on implementation in the annual report.

4.0 Funding

This section presents an accounting to the end of calendar year 2013 of the funding obligations for Bear River Settlement Agreement and new license. Funding obligations noted as complete in previous annual reports are not included in this annual report.

In 2013, during the course of a management review of grant fund accounts it was discovered that an incorrect adjustment was made when the base year was changed in the Bureau of Economic Analysis tables used to escalate funding amounts. Upon discovering this error a comprehensive review of all funding accounts and escalation values was performed and corrected fund balances were calculated. A detailed record of these corrections was prepared and reviewed with the ECC. The funding statements in this year's report include a one-line-correction amount to bring the accounts to the correct balance. Corrections were also made for funding accounts that have been closed because all required actions are complete. A summary of how these funds were redistributed is presented below.

PacifiCorp Bear River Implementation Projects Escalation Adjustment for Closed Funding Accounts					
Account	BCT Studies	BLM	IDFG	Oneida Road	Correction to be Made
Genetic Sampling	\$604.54				Place in 2014 Habitat Enhancement Funding
Aerial Photography	\$4,227.05				Place in 2014 Habitat Enhancement Funding
Irrigation Diversion Mapping	\$355.23				Place in 2014 Habitat Enhancement Funding
Telemetry Study	\$3,812.76				Place in 2014 Habitat Enhancement Funding
Black Canyon Monitoring	\$4,149.34				Place in 2014 Habitat Enhancement Funding
Broodstock Development			\$6,554.02		Place in 2014 Conservation Hatchery Funding
Oneida Campground Upgrade		\$1,649.27			Will be paid in 2014 from O&M
Traffic Safety Plan				\$2,715.26	In 2013 a contract for \$18,000 of Special O&M was invested in the Oneida Project Road.
Sub Totals	\$13,148.93	\$1,649.27	\$6,554.02	\$2,715.26	

PacifiCorp**Bear River Implementation Projects****Oneida Campground Funding SA 3.4.1.1****BRI-ONEIDA**

Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2004 Beginning Balance				\$10,170.00	
12/8/2004	\$10,000.00	BLM		\$170.00	
2004 Interest Credit			\$1.00	\$171.00	
2005 Funding			\$10,375.00	\$10,546.00	
12/20/05	\$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	
6/21/2008	\$11,460.46	BLM		\$0.00	
2009 Funding			\$11,746.97	\$11,746.97	
5/7/2009	\$11,746.97	BLM		\$0.00	
2010 Funding			\$11,841.13	\$11,841.13	
9/29/2010	\$11,841.13	BLM		\$0.00	
2011 Funding			\$11,977.25	\$11,977.25	
7/1/2011	\$11,977.25	BLM		\$0.00	
2012 Funding			\$12,278.28		
6/15/2012	\$12,278.28	BLM		\$0.00	
2013 Funding			\$12,730.00	\$12,730.00	
6/14/2013	\$12,733.09	BLM		-\$3.09	
12/1/2013		PacifiCorp	\$2,151.28	\$2,148.19	Escalation Adjustment

PacifiCorp Bear River Implementation Projects Oneida Law Enforcement SA 3.4.1.4, Art. 417 BRI-LAWENF					
Invoice Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2004 Beginning Balance				\$3,051.00	
2004 Interest Credit			\$13.00	\$3,064.00	
2005 Funding			\$3,113.00	\$6,177.00	
2/15/2005	\$3,000.00	Franklin County		\$3,177.00	2004 payment
2005 Interest Credit			\$43.00	\$3,220.00	
2006 Funding			\$3,229.00	\$6,449.00	
7/31/2006	\$6,393.00	Franklin County		\$56.00	2005 and 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			3530.82	\$3,530.82	
10/1/2009	\$3,530.82	Franklin County		\$0.00	
2010 Funding			\$3,552.34	\$3,552.34	
9/30/2010	\$3,552.34	Franklin County		\$0.00	
2011 Funding			\$3,593.17	\$0.00	
8/16/2011	\$3,593.17	Franklin County		\$0.00	
2012 Funding			\$3,683.48	\$0.00	
6/15/2012	\$3,683.48	Franklin County		\$0.00	
2013 Funding			\$3,819.00	\$3,819.00	
7/11/2013	\$3,819.93	Franklin County		-\$0.93	
12/1/2013		PacifiCorp	\$637.97	\$637.04	Escalation Adjustment

PacifiCorp Bear River Implementation Projects Caribou County Recreation 3.4.2, Art. 416 BRI-FUNTOCO					
Invoice Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
Jan 2004 Beginning Balance				\$3,051.00	
12/8/2004	\$3,000.00	Caribou County		\$51.00	
2004 Interest Credit			\$0.22	\$51.22	
2005 Funding			\$3,113.00	\$3,164.22	
2005 Interest Credit			\$42.70	\$3,206.92	
2006 Funding			\$3,229.00	\$6,435.92	
7/24/2006	\$6,393.00	Caribou County		\$42.92	2005 and 2006 funding plus interest and escalation
2006 Interest Credit			\$1.00	\$43.92	
2007 Funding			\$3,340.00	\$3,383.92	
5/23/2007	\$3,383.92	Caribou County		\$0.00	
2008 Funding			\$3,438.14	\$3,438.14	
9/10/2008	\$3,438.14	Caribou County		\$0.00	
2009 Funding			\$3,530.82	\$3,530.82	
10/23/2009	\$3,530.82	Caribou County		\$0.00	
2010 Funding			\$3,552.34	\$3,552.34	
12/23/2010	\$3,552.34	Caribou County		\$0.00	
2011 Funding			\$3,593.17	\$0.00	
7/1/2011	\$3,593.17	Caribou County		\$0.00	
2012 Funding			\$3,683.48	\$3,683.48	
6/15/2012	\$3,683.48	Caribou County		\$0.00	
2013 Funding			\$3,819.00	\$3,819.00	
7/11/2013	\$3,819.93	Caribou County		-\$0.93	
12/1/2013		PacifiCorp	\$567.95	\$567.02	Escalation Adjustment

PacifiCorp Bear River Implementation Projects Conservation Hatchery Program SA 3.1.3 315924					
Posting Date	Invoice Amount (Debit)	Contract	Credits	Balance	Notes
2011 Beginning Balance (12/22/2011)				\$119,772.47	
4/25/12	\$119,772.47	IDFG		\$0.00	
2012 Funding			\$122,782.82	\$122,782.82	Escalated Amount From 4/18/2012 Table
4/12/13	\$121,372.00	IDFG		\$1,410.82	
12/1/13		PacifiCorp	\$4,844.71	\$6,255.53	Escalation Adjustment
2013 Funding			\$127,300.00	\$133,555.53	
11/15/13	\$133,555.52	IDFG		\$0.01	

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
Jan 2005 Beginning Balance				\$173,271.00	
9/12/2005	\$46,000.00	Bear Lake Soil Conservation Dist.		\$127,271.00	2005 Alleman Feed Lot on Skinner Creek
11/22/2005	\$1,986.20	Bob McGregor		\$125,284.80	2005 McGregor Fencing
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 and Cub Creeks
3/30/2006	\$90,001.00	Trout Unlimited		\$206,707.80	2005 Cottonwood and Cub Creeks
9/11/2006	\$10,000.00	Ken Theis		\$196,707.80	2006 Kackley Springs Planning
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	2006 Cove Bypass Reach Fencing
12/31/2006	\$2,810.80	Vadnais Fencing		\$131,808.29	2006 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 Irrigation and Manufacturing		\$112,020.50	2006 Liberty Creek Diversion Screens and Weir
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 Reach Fencing
2/1/2007	\$30,000.00	USDI - BOR		\$270,175.39	2006 Alleman Lower Diversion on Skinner Creek
2/8/2007	\$25,000.00	Bear Lake County Road		\$245,175.39	2006 Nounan Road Crossing at Skinner Creek
6/29/2007	\$24,000.00	Trout Unlimited		\$221,175.39	2007 George Town Hydro USFS
8/9/2007	\$6,275.40	Vadnais		\$214,899.99	2007 Harris Spring Complex
8/23/2007	\$1,041.77	Vadnais		\$213,858.22	2007 Harris Spring Complex
8/29/2007	\$7,997.63	KCA		\$205,860.59	2007 Harris Spring Complex
10/4/2007	\$664.00	Dan Bolin		\$205,196.59	2007 Trout and Whiskey Creek Vegetation Plan
10/4/2007	\$21,000.00	Caribou Targhee NF		\$184,196.59	2007 Eight Mile, North Canyon and Midland
10/17/2007	\$25,000.00	Bear Lake Soil and Water		\$159,196.59	2007 Bunderson
12/19/2007	\$2,005.50	Electrical Consultants		\$157,191.09	2006 Cove Bypass Reach Fencing
12/19/2007	\$226.79	Dan Bolin		\$156,964.30	2007 Trout and Whiskey Creek Vegetation Plan
2007 Interest Credit			\$3,763.00	\$160,727.30	
2008 Funding			\$191,390.00	\$352,117.30	

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
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 Clegg
10/29/2008	\$20,000.00	Laef Wallen		\$315,926.35	2005 Williams Creek
11/13/2008	\$40,000.00	Blaire Mathews		\$275,926.35	2007 Bear River Mathews Ranch LLC
11/24/2008	\$25,000.00	Caribou County		\$250,926.35	2008 Creek Road Culvert on Bailey Creek
12/18/2008	\$21,845.00	Laurie Harris		\$229,081.35	2007 Harris Spring Complex
2008 Interest Credit			\$2,932.00	\$232,013.35	
2009 Funding			\$196,548.76	\$428,562.11	
1/9/2009	\$10,824.50	John Bushman		\$417,737.61	2008 Stauffer Creek
1/22/2009		From Broodstock Fund	\$6,267.41	\$424,005.02	From Broodstock To Habitat Enhancement Fund Per ECC 1/21/2008
5/20/2009	\$3,239.85	John Bushman		\$420,765.17	2008 Stauffer Creek Bushman
5/21/2009	\$2,495.00	John Bushman		\$418,270.17	2008 Stauffer Creek Bushman
6/4/2009	\$24,000.00	Kent Clegg		\$394,270.17	2007 Whiskey and Trout Creek Clegg \$40k less PIF
7/7/2009	\$6,890.00	Conservation Seeding and Restoration		\$387,380.17	2009 Alexander Shrub Planting Project
7/17/2009	\$85,000.00	Trout Unlimited		\$302,380.17	2008 Cub River Irrigation Upper Diversion (middle) \$45k & 2009 Cub River Upper \$40k
7/20/2009	\$7,500.00	Dan Keetch		\$294,880.17	2009 Dan Keetch Pump Screen PIF
8/28/2009	\$46,000.00	Franklin Soil & Water Cons. Dist.		\$248,880.17	2009 Battle and Mink Creek 6 CAFO Projects
9/1/2009	\$24,128.60	John Bushman		\$224,751.57	2009 Stauffer Creek
10/1/2009	\$464.39	Providia		\$224,287.18	2007 Harris Spring complex old fence removal
10/5/2009	\$515.70	Granite Seed		\$223,771.48	2009 Kackley Springs - Native Grass Seed
10/14/2009	\$2,527.50	KCA		\$221,243.98	2009 Kackley Springs - Upper channel extra work
11/17/2009	\$2,887.50	Utah Conservation Corp		\$218,356.48	2009 Kackley Springs - Willow Staking
11/23/2009	\$1,924.44	Providia		\$216,432.04	2007 Harris Spring complex willow installation stakes and bundles
12/7/2009	\$2,205.00	Providia		\$214,227.04	2009 Kackley Springs - Native Grass Seeding
12/17/2009		USFWS Partners Program	\$8,320.00	\$222,547.04	2009 Alexander Shrub Planting Project
12/17/2009	\$10,500.00	Trout Unlimited		\$212,047.04	2009 Trout Unlimited Screen Repair Work \$10.5k
12/22/2009	\$14,000.00	IDFG		\$198,047.04	2008 Screen Tender \$14k
2009 Interest Credit			\$246.00	\$198,293.04	

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
2010 Funding			\$197,746.84	\$396,039.88	
4/7/2010	\$22,397.50	Mathews Ranch LLC		\$373,642.38	2007 & 2008 Bear River Mathews Ranch LLC
5/6/2010	\$2,946.04	Caribou National Forest		\$370,696.34	2009 Invasive Species Signage USDA -FS
6/1/2010	\$6,842.12	Conservation Seeding and Restoration		\$363,854.22	2010 Alexander Shrub Planting
6/7/2010	\$45,000.00	Trout Unlimited		\$318,854.22	2010 Georgetown Creek Alleman Diversion
7/14/2010	\$1,958.62	Jensen Lumber Co.		\$316,895.60	2009 Bailey Creek Spring Exclusion Fencing
7/30/2010	\$1,020.20	Allred Restoration		\$315,875.40	2010 Kackley Springs Flow Consultation
8/2/2010	\$15,000.00	BLM		\$300,875.40	2010 Oneida Narrows Riparian Protection
9/13/2010	\$2,575.77	Jensen Lumber Co.		\$298,299.63	2009 Spring Exclusion Fencing
9/23/2010	\$5,000.00	Trout Unlimited		\$293,299.63	2010 Cub River Telemetry
9/23/2010	\$12,000.00	State of Idaho		\$281,299.63	2010 Screen Tender
9/29/2010	\$576.48	Jensen Lumber Co.		\$280,723.15	2009 Midnight Mountain Spring Exclusion Fencing
10/1/2010	\$3,619.43	R2 Resource Consultants		\$277,103.72	2010 Kackley Springs Exclusion Structure Design
11/4/2010	\$25.30	PacifiCorp MasterCard		\$277,078.42	2010 Kackley Springs Exclusion Structure IDWR Permit Fee
11/5/2010	\$8,218.85	R2 Resource Consultants		\$268,859.57	2011 Kackley Springs Exclusion Structure Design
11/9/2010	\$1,800.95	Providia		\$267,058.62	2010 ECC Funded Weed Control at Kackley Preserve
11/9/2010	\$2,617.00	Bushman		\$264,441.62	2008 Stauffer Creek Bushman
12/3/2010	\$1,970.00	Providia		\$262,471.62	2010 Alexander Shrub Planting
12/20/2010	\$15,550.20	Partner Steel Co. Inc.		\$246,921.42	2010 Kackley Springs Exclusion Structure Fabrication
12/20/2010	\$402.60	R2 Resource Consultants		\$246,518.82	2010 Kackley Springs Exclusion Structure Design
12/20/2010	\$1,031.76	Welder PacifiCorp		\$245,487.06	2010 Kackley Springs Exclusion Structure Installation
12/24/2010	\$6,865.00	KCA		\$238,622.06	2010 Kackley Springs Exclusion Structure Installation
12/29/2010	\$4,647.53	R2 Resource Consultants		\$233,974.53	2009 Oneida Fish Passage Design Report
12/29/2010	\$757.50	R2 Resource Consultants		\$233,217.03	2010 Kackley Springs Exclusion Structure Design
2010 Interest Credit			\$13.00	\$233,230.03	
2011 Funding			\$200,020.02	\$433,250.05	
1/27/2011	\$55,000.00	BSWCD		\$378,250.05	2010 Paris Creek, Roy and Max Bunderson Projects

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
2/11/2011	\$6,608.96	R2 Resource Consultants		\$371,641.09	2010 Oneida Narrows Fish Passage Conceptual Design
2/11/2011	\$26,400.00	Kent Clegg		\$345,241.09	2010 Whiskey Creek Riparian Restoration
2/17/2011	\$3,500.00	Trout Unlimited		\$341,741.09	2010 Screen Repair at Cub and Cottonwood Creeks
3/9/2011	\$17,602.50	Blair Mathews		\$324,138.59	2007 & 2008 Bear River Mathews \$40k+40k - Final Payment
4/18/2011	\$9,131.64	R2 Resource Consultants		\$315,006.95	2010 Oneida Narrows Fish Passage Conceptual Design
4/22/2011	\$21,541.84	R2 Resource Consultants		\$293,465.11	2010 Oneida Narrows Fish Passage Conceptual Design
4/22/2011	\$8,005.00	Oasis		\$285,460.11	Black Canyon Monitoring Final Report
5/3/2011	\$11,021.07	R2 Resource Consultants		\$274,439.04	2010 Oneida Narrows Fish Passage Conceptual Design
5/6/2011		Sales Tax on PO	\$394.55	\$274,833.59	
5/11/2011		USFWS Partners	\$5,804.84	\$280,638.43	USFWS Partners Grant Funds for Alexander Shrub Planting
5/18/2011	\$27,000.00	Marv. Anderson		\$253,638.43	2009 Marv Anderson 8 Mile Creek Fish Screen
6/6/2011	\$1,577.44	R2 Resource Consultants		\$252,060.99	2010 Oneida Narrows Fish Passage Conceptual Design
6/20/2011	\$2,005.23	R2 Resource Consultants		\$250,055.76	2010 Oneida Narrows Fish Passage Conceptual Design
7/1/2011	\$22,000.00	State of Idaho		\$228,055.76	2011 Screen Tender \$12k and Lawrence Fox North Hoops Creek \$10k
7/1/2011	\$5,000.00	Sagebrush Steppe		\$223,055.76	Baseline Inventory of Christensen Conservation Easement
7/25/2011	\$2,705.15	R2 Resource Consultants		\$220,350.61	2010 Oneida Narrows Fish Passage Conceptual Design
8/15/2011	\$4,134.00	R2 Resource Consultants		\$216,216.61	2010 Oneida Narrows Fish Passage Conceptual Design FINAL PAYMENT
8/15/2011	\$25,000.00	Trout Unlimited		\$191,216.61	2011 Cub River Fish Ladder Improvements \$25k
8/31/2011	\$5,699.72	Providia Management Group		\$185,516.89	2011 Kackley Springs Noxious Weed Control
9/14/2011	\$1,450.00	KCA Construction Inc.		\$184,066.89	2011 Repairs at Harris Spring Water Supply
10/6/2011	\$53.95	Caribou National Forest		\$184,012.94	2009 Invasive Species Signage USDA -FS
2011 Interest Credit			\$7.00	\$184,019.94	
2012 Funding			\$205,047.32	\$389,067.26	
2/27/2012	\$3,300.00	Ultra Air		\$385,767.26	2011 Whiskey Creek / Clegg
5/21/2012	\$5,413.67	Oregon RFI		\$380,353.59	2012 Black Canyon Fish Tracking
5/25/2012	\$12,000.00	IDFG		\$368,353.59	2012 Screen Tender
7/31/2012	\$11,000.00	KCA		\$357,353.59	2012 Kackley Fish Pond Dike Repair

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
8/2/2012	\$4,758.53	KCA		\$352,595.06	2012 Harris Spring Protection Repair
8/2/2012	\$1,225.00	KCA		\$351,370.06	2012 Harris Spring Protection Repair
8/27/2012	\$2,460.00	Trout Unlimited		\$348,910.06	2012 Black Canyon fish Tracking
9/5/2012	\$34,000.00	Bear Lake Soil & Water		\$314,910.06	2012 Ovid Creek Coral Relocation
9/24/2012	\$26,002.00	Streamside Environmental LLC		\$288,908.06	2012 Stauffer and Spring Creek Sediment Removal
10/2/2012	\$10,000.00	USFS		\$278,908.06	2011 BCT Return Monitoring
10/3/2012	\$12,126.00	Streamside Environmental LLC		\$266,782.06	2012 Stauffer and Spring Creek Sediment Removal
10/9/2012	\$10,000.00	GE Gibson Enterprises LLC		\$256,782.06	2012 Black Canyon Clean Up
2012 Interest			\$0.00	\$256,782.06	
2013 Funding			\$210,146.04	\$466,928.10	
3/25/2013	\$2,163.00	John K. Bushman		\$464,765.10	2012 Stauffer Creek and Spring Creek Fencing Bushman
6/12/2013	\$20,000.00	IDFG		\$444,765.10	2013 Screen Repair Fund IDFG
6/12/2013	\$12,000.00	IDFG		\$432,765.10	2013 Screen Tender IDFG
8/16/2013	\$1,122.00	Entrix INC		\$431,643.10	2013 Dead Horse Spring Reclamation
9/5/2013	\$24,903.43	IDFG		\$406,739.67	2013 Pearl Creek Reconnect IDFG
9/5/2013	\$15,554.00	Ultra Air Research		\$391,185.67	2012 Trout Creek
10/10/2013	\$2,000.00	Bear Lake Soil & Water		\$389,185.67	2013 Keetch Livestock Waste Containment
11/1/2013	\$12,652.89	Entrix INC		\$376,532.78	2013 Dead Horse Spring
11/14/2013	\$2,406.00	Entrix INC		\$374,126.78	2013 Dead Horse Spring
11/15/2013	\$5,810.69	Trout Unlimited		\$368,316.09	2013 BCT Trapping Bailey, Stauffer and George Town Creek
11/21/2013	\$5,000.00	Dalene Smith		\$363,316.09	2012 Smith Bear River Fencing and Alternative Water Source
11/22/2013	\$3,565.00	Entrix INC		\$359,751.09	2013 Cove Spring Reconnection
11/22/2013	\$7,500.00	Steven Smith		\$352,251.09	2013 Smith Bear River Off-Stream Water
12/31/2013		PacifiCorp	\$34,940.98	\$387,192.07	Escalation Adjustment
12/12/2013	\$308.00	John K Bushman		\$386,884.07	2013 BCT Trapping Bailey, Stauffer and George Town Creek
12/12/2013	\$11,670.00	John K. Bushman		\$375,214.07	2013 BCT Trapping Bailey, Stauffer and George Town Creek
12/16/2013	\$15,000.00	Trout Unlimited		\$360,214.07	2011 Cottonwood Creek Fish Screens
12/16/2013	\$39,000.00	Trout Unlimited		\$321,214.07	2012 Cottonwood Creek Fish Screens

PacifiCorp Bear River Implementation Projects Habitat Enhancement 315213					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
12/19/2013	\$6,370.50	Entrix INC		\$314,843.57	2013 Dead Horse Spring Restoration
12/19/2013	\$1,085.88	Entrix INC		\$313,757.69	2013 Cove Spring Reconnection

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
Jan 2005 Beginning Balance				\$311,265.00	
8/11/2005	\$1,688.00	Appraisal & Financial Services		\$309,577.00	Gilbert Purchase Appraisal
9/20/2005	\$817.00	PERCO		\$308,760.00	Gilbert Purchase Site Evaluation
2005 Interest Credit			\$4,168.00	\$312,928.00	
2006 Funding			\$322,871.00	\$635,799.00	
8/11/2006	\$495.00	App. & Fin. Services Co.		\$635,304.00	Gilbert Purchase Appraisal
10/20/2006	\$186,572.13	Caribou Land Title Inc.		\$448,731.87	Gilbert Purchase 165 acres
11/27/2006	\$2,730.75	Sagebrush Steppe		\$446,001.12	Gilbert Purchase other expense
2006 Interest Credit			\$10,202.28	\$456,203.40	
2007 Funding			\$334,041.00	\$790,244.40	
1/31/2007	\$18,542.00	Sagebrush Steppe		\$771,702.40	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	\$20,000.00	State of Idaho		\$696,498.40	2006 Grant for Georgetown Summit WMA, McCammon Addition
2007 Interest Credit			\$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 Executive Director
10/29/2008	\$377,065.75	First American Title		\$636,337.65	Henderson Conservation Easement Purchase
11/13/2008	\$13,000.00	Sagebrush Steppe		\$623,337.65	Henderson Conservation Easement Purchase
12/18/2008	\$21,831.88	Sagebrush Steppe		\$601,505.77	Henderson Conservation Easement Purchase
2008 Interest Credit			\$7,699.00	\$609,204.77	
2009 Funding			\$353,081.60	\$962,286.37	
9/8/2009	\$156,451.00	Sagebrush Steppe		\$805,835.37	2007 Sagebrush Steppe - Kackley / Gilbert Stewardship Fund (\$56k)
					2007 Sagebrush Steppe - Cove Stewardship Fund (\$11.783k)
					2008 Henderson Stewardship Fund (\$83.5k)
12/11/2009	\$3,732.00	Sagebrush Steppe		\$802,103.37	Kackley Cove Monitoring / Maintenance 2009 actuals and 2010 est.
12/24/2009	\$177,383.00	Sagebrush Steppe		\$624,720.37	2009 Harris Conservation Easement Purchase and

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
					Closing
2009 Interest Credit			\$776.00	\$625,496.37	
2010 Funding			\$355,233.00	\$980,729.37	
2/2/2010	\$32,920.24	Sagebrush Steppe		\$947,809.13	Harris Easement Expenses and Wilde Appraisal
2/4/2010	\$35,500.00	Sagebrush Steppe		\$912,309.13	2009 Harris Stewardship Long Term Funding
2/10/2010	\$1,940.00	Sagebrush Steppe		\$910,369.13	Henderson Monitoring Expenses 2009 and 2010
5/19/2010	\$304,683.50	Sagebrush Steppe		\$605,685.63	2010 Deep Creek Acquisition Costs
7/1/2010	\$10,206.50	Sagebrush Steppe		\$595,479.13	Deep Creek / Henderson Conservation Easement Management
7/30/2010	\$3,995.00	Providia		\$591,484.13	Weed Control at Kackley Preserve
8/23/2010	\$25,000.00	Sagebrush Steppe		\$566,484.13	Sagebrush Staff Support
9/23/2010	\$22,000.00	Sagebrush Steppe		\$544,484.13	Christensen Appraisal
2010 Interest Credit			\$29.00	\$544,513.13	
2011 Funding			\$359,317.41	\$903,830.54	
1/11/2011	\$9,206.44	Sagebrush Steppe		\$894,624.10	2010 outstanding and 2011 projected Monitoring and Management Costs
1/11/2011	\$7,520.00	Sagebrush Steppe		\$887,104.10	Christensen Survey
1/26/2011	\$3,015.00	Sagebrush Steppe		\$884,089.10	Christensen Legal
8/15/2011	\$25,000.00	Sagebrush Steppe		\$859,089.10	Sagebrush Staff Support June 2011 to June 2012
11/18/2011	\$12,221.00	Sagebrush Steppe		\$846,868.10	2011 Monitoring & Mgmt Costs & 2012 Projected Costs
12/13/2011	\$3,030.00	Sagebrush Steppe		\$843,838.10	Ecological baseline survey for Kackley Property
2011 Interest Credit			\$33.00	\$843,871.10	
2012 Funding			\$368,348.47	\$1,212,219.57	
1/24/2012	\$80,000.00	Sagebrush Steppe		\$1,132,219.57	2010 Deep Creek Long Term Stewardship - Fee Title Stewardship Funding
6/29/2012	\$127,772.27	Sagebrush Steppe		\$1,004,447.30	2010 Mink Creek / Christensen Closing Costs
7/30/2012	\$25,000.00	Sagebrush Steppe		\$979,447.30	2012 Sagebrush Staff Support
8/13/2012	\$12,950.00	Sagebrush Steppe		\$966,497.30	2010 Mink Creek / Christensen Fencing Mobilization Invoice
8/27/2012	\$645.00	Providia		\$965,852.30	2012 Kackley Noxious Weed Control
8/27/2012	\$973.14	Providia		\$964,879.16	2012 Kackley Noxious Weed Control
8/27/2012	\$3,355.00	Providia		\$961,524.16	2012 Kackley Noxious Weed Control
9/5/2012	\$8,847.50	Sagebrush Steppe		\$952,676.66	2012 Mink Creek / Christensen Final Legal and

PacifiCorp Bear River Implementation Projects Land and Water Acquisition SA 3.1.5 315212					
Posting Date	Invoice Amount	Contract	Credit	Balance	Notes
					Survey Costs for closing
10/3/2012	\$12,500.00	Sagebrush Steppe		\$940,176.66	2012 Eight Mile Creek Ranch Appraisal
10/3/2012	\$8,000.00	Sagebrush Steppe		\$932,176.66	2012 Cottonwood Creek Appraisal
10/24/2012	\$80,000.00	Sagebrush Steppe		\$852,176.66	2010 Mink Creek / Christensen Long Term Stewardship Funding
12/5/2012	\$12,500.00	Sagebrush Steppe		\$839,676.66	2012 Monitoring and Management Costs (meet in November 2012)
12/10/2012	\$11,839.71	Sagebrush Steppe		\$827,836.95	2010 Mink Creek / Christensen Fencing (remaining of \$26k)
12/10/2012	\$602.50	Sagebrush Steppe		\$827,234.45	2012 MOA Reimbursable Expenses on Eightmile Creek Easement
12/10/2012	\$132.00	Sagebrush Steppe		\$827,102.45	2012 MOA Reimbursable Expenses on Cottonwood Creek Easement
12/11/2012	\$3,264.00	Sagebrush Steppe		\$823,838.45	2012 Deep Creek Baseline Inventory
2012 Interest Credit			\$0.00	\$823,838.45	
2013 Funding			\$381,900.00	\$1,205,738.45	
1/3/2013	\$13,000.00	Sagebrush Steppe		\$1,192,738.45	Mink Creek Riparian fencing
1/29/2013	\$6,980.29	Sagebrush Steppe		\$1,185,758.16	Biota eight mile assessment
5/21/2013	\$1,017.50	Sagebrush Steppe		\$1,184,740.66	Riparian Inventory and management plan
8/16/2013	\$6,225.41	Providia		\$1,178,515.25	2013 Kackley Noxious Weed Control
10/29/2013	\$30,000.00	Sagebrush Steppe		\$1,148,515.25	2013 Sagebrush Staff Support
12/1/2013		PacifiCorp	\$58,381.66	\$1,206,896.91	Escalation Adjustment

PacifiCorp Bear River Implementation Projects ECC Coordination Hours 2013 BRI-ECC (Labor Hours Only)*		
Name	Hours	Function
Mark Stenberg	1433	Environmental Coordination
Connely Baldwin	91	Environmental Coordination
Eve Davies	61	Environmental Coordination
Kimberly McCune	15	Administrative Support
Miriam Hugentobler	366	Administrative Support
Total	1966	

Appendix A

ECC Members, Designated Alternates and Authorized Signatories

Table A-1. 2013 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
Marv Hoyt Andrea Santarsiere, Alternate	Greater Yellowstone Coalition	Marv Hoyt Idaho Director
Kevin Lewis Sara Eddie, Alternate	Idaho Rivers United	William Sedivy Executive Director
Dave Teuscher Arnie Brimmer, Alternate	Idaho Department of Fish and Game	Virgil Moore Director
Kirk Rich	Idaho Department of Parks and Recreation	Nancy Merrill Director
Cary Myler David Kampwerth, Alternate	U.S. Fish and Wildlife Service	David Kampwerth Field Supervisor
Charlie Vincent Kevin Colburn, Alternate	American Whitewater	Kevin Colburn National Stewardship Director
Hunter Osborne Yvette Tuell, Alternate	Shoshone-Bannock Tribes	Nathan Small Chairman, Fort Hall Business Council
Lee Mabey (interim) Corey Lyman, Alternate	USDA-Forest Service	Nora Rasure Regional Forester
Jim DeRito Warren Colyer, Alternate	Trout Unlimited	Mark Davidson Director, Idaho Water Project
Lynn Van Every Greg Mladenka, Alternate	Idaho Department of Environmental Quality	Curt Fransen Director
Susan Rosebrough Dan Miller, Alternate	National Park Service	Christine Lehnertz Regional Director
Mark Stenberg Eve Davies, Alternate	PacifiCorp	Michael Dunn President

Appendix B

Grace-Cove Site Plan Compliance Monitoring and Performance Tracking

Grace-Cove Site Plan Compliance Monitoring

Sant Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Fence the parking area's east side and install a cattle gate or guard. 	Fall 2005	YES	Initially completed
		Annual Inspection	YES	Fence in good working condition
	<ul style="list-style-type: none"> Sign the Black Canyon Take-out and the parking area with: (1) a "Part 8" mounting sign; (2) 3 "Part 8" sign placards; (3) a "Benefits of Hydro Power" sign; (4) a "Boating Caution and Warning" sign; (5) a "Stop" sign; (6) a "Day Use Only" sign; (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	Good condition
	<ul style="list-style-type: none"> Maintain the parking area and roadway according to RTSP standards, p. 29. 	Ongoing	YES	Good condition
	<ul style="list-style-type: none"> Ensure portable toilet is placed next to "Handicapped Parking" sign. 	Annual Inspection	YES	Completed
	<ul style="list-style-type: none"> Maintain the portable toilet. 	Biweekly	YES	Clean and in good working condition
	<ul style="list-style-type: none"> Remove debris and litter from the parking area and the gravel boat take-out area. 	Weekly	YES	Good condition

Sant Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	Destroy existing fire rings near the Black Canyon parking area and the boat take-out; rehabilitate these areas.	Fall 2005	YES	Initially completed
		Annual Inspection	YES	Fire activity continues to be a problem, gravel pad added to help contain camp fires
	<ul style="list-style-type: none"> Maintain boat take-out area at Black Canyon recreation site (RTSP, p. 29). 	Ongoing	YES	Initially completed
		Annual Inspection	YES	Good condition
	<ul style="list-style-type: none"> Complete the property boundary delineation on the east and south ends. 	Fall 2005	YES	Completed
		Annual Inspection	YES	Boundaries delineated
	<ul style="list-style-type: none"> Ensure fence and fence post condition for all boundaries. 	Annual Inspection	YES	Fence posts in good working condition
	<ul style="list-style-type: none"> Submit summary report of implementation of RTSP FERC Form 80. 	Summer 2011	YES	N/A
		6-year Intervals	YES	Initial form submitted in 2005
Vegetation Management	<ul style="list-style-type: none"> Revise the weed control contract to include backpack spraying and other appropriate techniques on areas away from roads and operating facilities. (Note: this action would affect all planning area parcels.). 	Spring 2006/Revise as needed	YES	Ongoing

Sant Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Annual or biannual backpack spraying throughout the parcel only after other mechanical or biological control options have been evaluated. 	Spring 2006	YES	Initially completed
		Semiannual Rx/Monitoring	YES	Noxious weed control performed and area shows improvement over past season.
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Fence the riparian system, extending the west parking area boundary along the river (Figure 2). 	Spring 2006	YES	Completed
		Annual Inspection	YES	No trespass activity
Agricultural Uses	<ul style="list-style-type: none"> Update the grazing lease agreement. 	Fall 2006	YES	Completed
		Update as needed	YES	Ongoing
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment. 	Spring 2006	YES	Completed

Sant Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual Inspection	YES	Completed
	<ul style="list-style-type: none"> Train lessees on forage utilization monitoring. 	Fall 2006	YES	Completed in April of 2007
	<ul style="list-style-type: none"> The lessee must submit forage utilization monitoring reports as required by the lease agreement. 	Fall 2006	YES	Completed spring 2007
		Monthly	YES	Ongoing
	<ul style="list-style-type: none"> Reconstruct north/south interior fence to allow a two-pasture grazing system within the parcel. 	Fall 2005	YES	Completed
	<ul style="list-style-type: none"> Ensure interior fence and fence post condition. 	Annual Inspection	YES	Fence in good working condition

Mansfield Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Post the west boundary with property delineation markers. 	Summer 2005	YES	Completed
	<ul style="list-style-type: none"> Determine whether north and south boundary fences are complete and accurately placed, and address any discrepancies noted. Ensure fence and fence post condition on all boundaries. Maintain existing pedestrian bridge. 	Annual Inspection	YES	Completed—Good condition
	<ul style="list-style-type: none"> 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
		Annual Inspection	YES	Gate left open early, trespass grazing early—gate wired shut area is recovering
Vegetation Management	<ul style="list-style-type: none"> Rehabilitate the water conveyance line by completing the following measures: <ol style="list-style-type: none"> Remove discarded steel pipeline segments and other debris from the parcel. Repair the side cuts and drainage pathways along the 12-inch pipeline corridor. Feather or taper the edges and cover with available topsoil. During the repair process, place topsoil on the surface to enhance revegetation efforts. 	Fall 2005/Spring 2006	YES	Good condition
		Annual Inspection	YES	Lots of trespass grazing early in the season, area recovering. Weeds increasing in some areas

Mansfield Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	3. Revegetate the entire area with native vegetation (weed free, native seed mixture) to reduce the visual impact of a linear feature.			
	<ul style="list-style-type: none"> Spot treat weed species along the pipeline corridor with herbicide to control weeds. Care should be taken to avoid spraying new broadleaf or shrubby vegetation intended for the corridor. 	Spring 2005	YES	
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
	<ul style="list-style-type: none"> Biannual backpack herbicide applications will be necessary to control weeds throughout the parcel and to encourage complete site recovery. 	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
	<ul style="list-style-type: none"> Intensive backpack spraying weed control along 0.3-mile stretch of river integrated with mechanical and biological control measures. 	Spring 2006	YES	Completed
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Investigate piped diversion to determine if spring flow could be returned to Bear River. 	Spring 2005	YES	Note: Determined to be infeasible to return flow to river.

Mansfield Parcel Compliance Monitoring				
Date: 9/12/2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	Not Applicable.			

Penstock Parcel Compliance Monitoring				
Date: 9/12/2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Confirm boundary alignment and post the west boundary with ownership signs. 	Fall 2005	YES	Completed
		Annual Inspection	YES	Good condition
	<ul style="list-style-type: none"> Ensure fence and fence post condition on all boundaries 	Annual Inspection	YES	Good condition
Vegetation Management	<ul style="list-style-type: none"> Spray herbicides along the penstock access roads to manage weeds. 	Spring 2005	YES	Completed
		Semiannual or Annual Rx/Monitoring	YES	Weed control conducted, improving—efforts ongoing
	<ul style="list-style-type: none"> Construct water bars every 200 feet on the access roads made from soil with a 2 to 8 degree out slope to divert water flow. 	Fall 2005	YES	Runoff ditch created along penstock and access roads. Will be annually monitored.
		Annual Inspection	YES	Working well

Penstock Parcel Compliance Monitoring Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Utilize short duration (10 days) grazing as an additional control for weedy annual grasses. 	Ongoing	YES	Occasionally grazed; depends on lessee
		Semiannual or Annual Rx/Monitoring	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Ensure spring boxes and the downstream wetlands are protected. 	Fall 2006	YES	Completed
		Annual Inspection	YES	Protected
Agricultural Uses	<ul style="list-style-type: none"> Include the parcel in the grazing lease agreement for the Sant and Dugway parcels. 	Spring 2006	YES	Initially completed
		Update as needed	YES	Need to update with Property
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment. 	Annual Inspection	YES	Completed
	<ul style="list-style-type: none"> Train lessee on forage utilization monitoring. 	Spring 2006	YES	Completed in April 2007
	<ul style="list-style-type: none"> The lessee must submit forage utilization monitoring reports as required by the lease agreement. 	Spring 2006	YES	Initially completed
		Monthly	YES	Sent to Property

Cove Forebay West Parcel Compliance Monitoring				
Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Complete the property delineation and boundary fence and post indicating ownership. 	Summer 2005	YES	Completed
		Annual Inspection	YES	Good condition
	<ul style="list-style-type: none"> Ensure fence and fence post condition on all boundaries. 	Annual Inspection	YES	Good condition
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian area and in localized, internal areas. 	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
	<ul style="list-style-type: none"> Revise the monitoring plan for weeds and revegetation efforts following Cove decommissioning activities. 	Fall 2006	YES	Decommissioning not completed until winter 2006 Added new performance tracking photo pt. in 2012
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Revise the monitoring plan for wetland and riparian areas following Cove decommissioning activities. 	Fall 2006	YES	Decommissioning not completed until winter 2006 Added new performance tracking photo pt. in 2012
Agricultural Uses	Not Applicable.			

Dugway Parcel Compliance Monitoring Date: 9/12/2013 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	Good condition
Vegetation Management	• Control localized weed infestations with herbicide applications and other appropriate techniques.	Spring 2006	YES	
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
Wetland and Riparian Habitat Management	• Fence the channel currently used as the cattle water source and develop a water trough in the northeast corner of the parcel.	Fall 2006	YES	Not completed until spring 2007
		Annual inspection	YES	Good condition
Agricultural Uses	• Include the parcel in the grazing lease agreement that includes the Sant and Penstock parcels.	Fall 2006	YES	Completed spring 2007
		Update as needed	YES	Completed
	• Conduct annual pre-grazing forage height assessment.	Annual inspection.	YES	Completed
	• Train lessee on forage utilization monitoring.	Fall 2006	YES	Completed
	• The lessee must submit forage utilization monitoring reports as required by the lease agreement.	Fall 2006	YES	Initially completed
		Monthly	YES	Completed 2011

Kackley Springs Parcel Compliance Monitoring				
Date: 9/12/2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Confirm that the boundary delineation and fencing are complete and accurate. 	Fall 2005	YES	
		Annual Inspection	YES	
	<ul style="list-style-type: none"> Ensure fence and fence post condition on all boundaries. 	Annual Inspection	YES	
	<ul style="list-style-type: none"> Maintain the existing road. 	Ongoing	YES	
		Annual Inspection	YES	Good working condition
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures throughout the parcel 	Ongoing	YES	
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Develop and implement a plan to either re-divert Kackley Springs flows or otherwise maintain them in a configuration favorable to aquatic resources. 	2009	YES	Plan and construction initially complete; ongoing work to improve habitat for BCT.
Agricultural Uses	Not Applicable.			

Cove Plant Parcel Compliance Monitoring				
Date: 9/12/2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	• Complete the property delineation.	Summer 2005	YES	Completed
		Annual Inspection	YES	Good condition
	• Ensure fence and fence post condition.	Annual Inspection	YES	Good working condition
	• 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	Initially completed
		Semiannual or Annual Rx/Monitoring	YES	Weed control was done in 2013, conditions have improved since from 2011—efforts ongoing
	• Complete Cove buffer fence project.	Fall 2006	YES	Completed
	• Ensure Cove buffer fence condition.	Annual Inspection	YES	Good working condition
Wetland and Riparian Habitat Management	• Implement Cove buffer fencing to protect riparian area from grazing impacts.	Fall 2005	YES	Completed
		Annual Inspection	YES	Good condition-repairs complete
Agricultural Uses	• Update the parcel's grazing lease agreement.	Fall 2006	YES	No grazing in 2013
		Update as needed	YES	

Cove Plant Parcel Compliance Monitoring				
Date: 9/12/2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	• Conduct annual pre-grazing forage height assessment.	Fall 2006	YES	No grazing in 2013
	• Train lessees on forage utilization monitoring.	Annual Inspection	N/A	Completed in April 2007
	• The lessee must submit forage utilization monitoring reports as required by the lease agreement.	Fall 2006	N/A	No grazing in 2013
		Monthly	N/A	No grazing in 2013

Grace-Cove Performance Tracking

Sant Parcel Performance Tracking					
Date: 9-12-13 Technician: Bryan Westerberg		Initial Performance Tracking:		<input checked="" type="checkbox"/> Check if DFCs have been reviewed.	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA1 - Viable recreational uses are maintained and/or improved. (also PA2, PA5, PA6, PA7, VM1, WR1, WR2, and AU3.)	Are desired recreation activities occurring without discernible adverse environmental impacts? <ul style="list-style-type: none"> • <i>Are recreation opportunities, rules, and boating and fishing access at the Black Canyon take-out evident?</i> • <i>Is public signage easily visible and appropriately located?</i> • <i>Are adverse conditions occurring outside the recreation area?</i> 	SP1	YES	Area looks good, lots of use—interpretative sign added
	PA2 - Disturbed lands are improved to restore healthy vegetated communities. (also VM1, WR1, and WR3.)	Is there noticeable improvement in riparian habitat since fire ring rehabilitation and sign placement? <ul style="list-style-type: none"> • <i>Is there any new fire activity in the vicinity of the Black Canyon take-out?</i> • <i>Is trampled vegetation in the area recovering?</i> 	SP2	YES	Riparian area looks good, continued improvement, new fire ring activity still a problem—gravel pad added to help contain fire activity

Sant Parcel Performance Tracking					
Date: 9-12-13		Technician: Bryan Westerberg		Initial Performance Tracking: <div><input checked="" type="checkbox"/></div> Check if DFCs have been reviewed.	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Wetland and Riparian Habitat	WR2 - Riparian zones, wetlands and aquatic resources are healthy and are functioning properly. (also PA2, PA7, VM1, VM2, WR1, AU3, and AU4.)	Since implementation of the Site Plan, is the wet meadow habitat stable or increasing?	SP3	YES	Wet meadow looks good No livestock use present
		<ul style="list-style-type: none">Is there evidence of livestock use (e.g. manure, trampling, or trails)?Are riparian species, especially shrub and woody species, increasing?	SP4		Species are stable

Mansfield Parcel Performance Tracking					<div>X</div>	Check if DFCs have been reviewed.
Date: 9-12-2013		Technician: Bryan Westerberg		Initial Performance Tracking: September 2009		
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments	
Vegetation Management	VM2 - The extent of undesirable or weedy vegetation is reduced and treatments are scheduled as necessary. (also PA2, PA7, VM2, VM3, and WR2.)	Are weeds and other undesirable species decreasing?	MP1	YES	Trespass grazing early in the season, area recovering—Weed control ongoing	
Wetland and Riparian Habitat Management	WR2 - Riparian zones, wetlands, and aquatic resources are healthy and are properly functioning. (also PA2 and VM1.)	Are riparian species, especially shrub and woody species, increasing around the footbridge?	MP2	YES	Grazed very heavily by trespass grazing early in the season, recovering	

Penstock Parcel Performance Tracking					
Date: 9-12-13		Technician: Bryan Westerberg		Initial Performance Tracking: September 2009	
				<div>X</div>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Wetland and Riparian Habitat Management	WR1 - Wetland and riparian resources, spring complexes and the river shoreline are buffered and protected. (also PA2, PA7, VM1, VM2, AU3, and AU4.)	Are the wetland/spring box areas healthy and properly functioning? <ul style="list-style-type: none">Is there evidence of livestock use (e.g. manure, trampling, or trails)?	No PP	YES	Fence on the north side of spring box area needs repair and clearing (not PacifiCorp fence)—no new grazing present in 2013

Kackley Springs Parcel Performance Tracking					
Date: 9-12-2013		Technician: Bryan Westerberg		Initial Performance Tracking: September 2009	
				<div>X</div>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Vegetation Management	VM2 - The extent of undesirable or weedy vegetation is reduced and treatments are scheduled as necessary.	Are weeds and other undesirable species decreasing?	KSP1	YES	Looks good-weed control ongoing

Cove Plant Parcel Performance Tracking					
Date: 9-12-13 Technician: Bryan Westerberg		Initial Performance Tracking: September 2009		<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Wetland and Riparian Habitat Management	WR1 - Wetland and riparian resources, spring complexes and the river shoreline are buffered and protected. (also PA7, VM1, AU3, and AU4.)	Since implementation of the Site Plan, are shrub/woody species increasing?	CPP1	YES	Sites look good, weed populations down from last year, grass cover very good—willow growth excellent especially CPP1
			CPP2	YES	

Grace Performance Tracking Photos
September 2013

Sant Parcel



SP1

Sant Parcel



SP2

Sant Parcel



SP3

Sant Parcel



SP 4

Mansfield Parcel



MP1

Mansfield Parcel



MP2

Kackley Springs Parcel



KSP1

Cove Plant Parcel



CPP1

Cove Plant Parcel



CPP2



Cove Forebay (New photo point added in 2012)

Appendix C

Cove Shoreline Buffer Fence Monitoring

Cove Shoreline 2013 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, as part of the required implementation of the 2003 Federal Energy Regulatory Commission (FERC) Bear River Idaho license (FERC No. 20). The fence line was constructed on private land not owned by PacifiCorp, between the former Cove Forebay and the Cove plant to fulfill the requirements of the Bear River License Article 426. The new fence line was constructed to create a buffer zone to protect the river and its banks from livestock grazing and any other agricultural land uses. This project involved PacifiCorp Energy, the United States Fish and Wildlife Service (USFWS), and several private land owners whose property abutted the Bear River. New fence construction, as well as the updating of existing fence lines, resulted in approximately 9,000 feet of continuous fence line along the Bear River. This fence line provides protection from livestock grazing and other agricultural uses. Currently 1.5 miles of riparian zone along both sides of the Bear River between the Grace Hydro Plant and the former Cove Plant is now protected by this fence line (fulfilling in part, License Articles 425 and 426). 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 Cove shoreline buffer. To further protect this stretch of the river, SSLT created perpetual conservation easements with the private landowners within the area between the fence and the river for additional protection from future undesired uses.

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

Annual monitoring was conducted on August 5, 2013. Trespass cattle were found in Olsen I and McCurdy I. Both areas were grazed heavily. It was discovered that cattle were gaining access to the riparian area in two locations. The first was the PacifiCorp property fence that extends from the north corner of the Cove buffer fence along the property boundary. This fence was in poor condition and cattle were gaining access to the river's edge in this area. The second area was located at the south end of McCurdy I where the fence had been cut to allow livestock access. The owner of the cattle was contacted, the cattle removed and both fence sections repaired. Maintenance was also performed on the McCurdy II section in the spring of 2013 before monitoring began. This was to fix problems noted in the 2012 monitoring period. The other sections of the Cove buffer fence were found in good condition and no other problems were noted.

Olsen I: Length: 440 feet

Type: 4-strand, barbwire on steel posts.

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

2013 Maintenance Required: At the time of inspection, the fence was in need of repair, several wire clips were missing and in several sections the wire was very loose. The PacifiCorp property fence that extends from the corner of the Olsen I north along the property line was in poor condition and cattle were able to gain access to the riparian area along this fence. Once in the riparian area, trespass cattle could gain access to the areas protected by the Olsen I fence. The riparian areas were very heavily grazed at the time of inspection. Extensive maintenance was performed at this time to both PacifiCorp fences and the Olsen I section. Later inspection in the fall found the riparian area free of trespass cattle and recovering well.

2013 Easement Conflict: Trespass cattle. The owner was informed and removed his livestock a short time after monitoring was performed.

2013 photo taken looking west from fence corner.



Olsen I 2013



PacifiCorp property fence damage (This fence connects to Olsen I)

McCurdy I: Length: 320 feet

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

Baseline Condition: There has been some confusion of the location of the McCurdy fence segment. The actual location is west of Olsen I on the hillside below the canal. The fence line borders the SSLT property on the west boundary. The photo point used in previous years was looking south through the McCurdy I riparian along the old fence line. In 2010 a new photo point was established for McCurdy I, looking south from the fence corner below the canal.

2013 Maintenance Required: On the south end of the McCurdy I section it was discovered that someone had cut the fence to allow livestock to travel through the fence. The riparian area was heavily grazed, both from trespass cattle gaining access through this cut section as well as cattle moving downstream from the Olsen I area. The cattle were removed and the cut section was repaired. Later inspections that fall found the area improving and the fence remained in good condition.

2013 Easement Conflict: Fence cut, trespass cattle, the owner removed the cattle and the fence was repaired.

2013 photo looking south on west boundary.



McCurdy I 2013



Fence cut on south end of McCurdy I

Hansen: Length: 200 feet

Type: 5-strand, barbwire on steel posts.

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

2013 Maintenance Required: Good condition.

2013 Easement Conflict: Some light trespass grazing was noted, most likely by cattle continuing to move downstream from the problem areas at Olsen I and McCurdy I. Trespass grazing was minimal and the area looked good.

2013 photo looking south through Hansen riparian.



Hansen 2013

McCurdy II: Length: 900 feet

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

Baseline Condition: Fence line and riparian zone are in good condition. Riparian zone dominated by dense stands of woody shrubs, including Wood's rose and black hawthorn. In 2012 some trespass grazing occurred due to fence damage.

2013 Maintenance Required: Maintenance was performed in the spring of 2013. This was to address concerns noted during 2012 monitoring. Several steel t-posts were replaced and 6-inch treated wood posts were added to help with stability in wet soil conditions. At the time of 2013 monitoring the fence was in good condition.

2013 Easement Conflict: None

2013 photo looking south through McCurdy II riparian zone.



2013 McCurdy II

Olsen II: Length: 2700 feet

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

Baseline Condition: Fence line and riparian area in overall good condition. Riparian area dominated by grasses and willow and other shrub stands.

2013 Maintenance Required: None

2013 Easement Conflict: None.

2013 photo looking south through riparian zone.



2013 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 embedded 40-acre BLM lease.

Baseline Condition: The Harris section of fence line is currently monitored in two parts, Harris Riparian and Harris BLM sections. In previous years the two sections were monitored as one segment, but since 2012 they have been monitored as two separate sections. The Harris BLM section fence line separates the Harris property from BLM property; a new photo point for this section was established in 2012. This area is dominated by grasses and shrubs and was found in good condition in 2012. The Harris section consists of the riparian area along the river's edge. The riparian area is a very narrow strip along the Bear River with steep banks. The area is dominated by grasses and small stands of willows.

Harris BLM Section:

2013 Maintenance Required: None. Notify BLM of *Phragmites* on both sides of river.

2013 Easement Conflict: None

2013 photo taken looking west along BLM property line.



2013 Harris BLM Section

Harris Riparian Section:

2013 Maintenance Required: None.

2013 Easement Conflict: None

2013 photo taken looking north along riparian/upland area.



2013 Harris Riparian Section

Appendix D

Oneida Site Plan Compliance Monitoring and Performance Tracking

Oneida Compliance Monitoring

Cottonwood Creek Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Complete the property boundary on the above-water portions of the parcel. 	Spring 2007	YES	Completed September 2009
		Annual inspection.	YES	Looks good
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries. 	Spring 2007	YES	Initially completed
		Annual inspection.	YES	Fence good working condition, Inspection completed spring of 2013
Vegetation Management	<ul style="list-style-type: none"> Revise the weed control contract to include backpack spraying and other appropriate techniques on the above-water portions of the parcel. (Note: this action would affect all parcels.) 	Fall 2006	YES	Initially completed
		Revise as needed; monitor seasonally.	YES	Vegetation looks good, weeds decreasing
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas above the waterline are protected, no other action is required. 	Spring 2008	YES	Initially completed September 2009
		Annual inspection.	YES	Trespass gazing, cattle crossing the river and gaining access
Agricultural Uses	Not Applicable.			

Oneida Plant Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands. 	Fall 2007	YES	Initially completed summer 2007
		Annual inspection.	YES	Looks good
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries. Complete the signage and facilities at the Day Use Area and the Oneida Narrows put-in with: (1) 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 west side near the pedestrian bridge and lawn area to prevent public access to the bypassed reach and 'old camp' areas. 	Spring 2008	YES	Initially completed spring 2011
		Annual inspection.	YES	Fences good-Need to replace water flow gauge and interpretive sign at boater put in, they are missing
	<ul style="list-style-type: none"> Maintain the parking areas according to RTSP standards (p. 29). 	Ongoing	YES	Initially completed
		Annual inspection/ Biweekly removal of debris.	YES	Looks good, Lots of public use
	<ul style="list-style-type: none"> Maintain boat access at Oneida Narrows put-in and the Day Use Area (RTSP, p. 29). 	Ongoing	YES	Initially completed
		Monthly (in season) inspection of	YES	Both boat launches look good

Oneida Plant Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		boat launches for debris/ Biannually (pre- and post-season) inspection of boat launch and removal of debris.		
	<ul style="list-style-type: none"> Coordinate with the BLM to control public access to the bypassed reach. 	Fall 2006	YES	Initially completed fall 2006
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and the Oneida Project Road as well as in localized, internal areas. 	Spring 2007	YES	Initially completed
		Also see the Performance Tracking form.	YES	Weeds generally controlled
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Good
Agricultural Uses	Not Applicable.			

Westside Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands. 	Fall 2007	YES	Initially completed summer 2007
		Annual inspection.	YES	Annual inspection complete spring 2013
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access. 	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Fence inspection completed spring of 2013, good shape
Vegetation Management	<ul style="list-style-type: none"> Revegetate the lowlands with native upland vegetation if agricultural use is discontinued. 	Fall 2011	YES	Initially completed fall 2010
		Annual inspection.	YES	Looks good
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	Initially completed
		See Performance Tracking form.	YES	Weeds generally controlled
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Good condition
Agricultural Uses	<ul style="list-style-type: none"> Establish an agricultural use or alternative reclamation plan for the parcel. 	Spring 2011	YES	Land reclaimed and converted to "conservation upland" status fall of 2010 and remains in 2013
	Implement the following measures, if applicable:			
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment: 	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A

Westside Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	• Train lessee on forage utilization monitoring.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		As needed.	N/A	
	• Obtain lessee forage utilization monitoring reports as required by the lease agreement.	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	
	• Complete interior and riparian zone fences to allow a multi-pasture grazing system within the parcel.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	
	• Develop and inspect water sources at appropriate locations or water trucking plan.	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A

Eastside Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands. 	Fall 2007	YES	Completed
		Annual inspection.	YES	Good
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access. 	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Fence inspected spring of 2013 and in good condition
	<ul style="list-style-type: none"> Close dispersed campsites using rocks or fences. 	Spring 2007	YES	Completed
		Annual inspection	YES	Campsites remain closed - 2013
	<ul style="list-style-type: none"> Remove existing fire rings at undesignated campsites. 	Spring 2007	YES	Completed
		Annual inspection	YES	Looks good
Vegetation Management	<ul style="list-style-type: none"> Rehabilitate dispersed campsites, where necessary. 	Spring 2007	YES	Completed
		Annual inspection.	YES	Good condition
	<ul style="list-style-type: none"> Revegetate the pastures with native upland vegetation if agricultural use is discontinued. 	Fall 2011	YES	Ag used discontinued Initially completed fall 2010
		Annual inspection.	YES	Looks good-Native vegetation increasing
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	Initially completed
		Biannual Rx/Monitoring	YES	Weeds generally controlled.

Eastside Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Remains protected
Agricultural Uses	<ul style="list-style-type: none"> Establish an agricultural use or alternative reclamation plan for the parcel. 	Spring 2011	YES	No agricultural use Land reclaimed and converted to "conservation upland" status
	Implement the following measures, if applicable:			
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment: 	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		Annual inspection	N/A	
	<ul style="list-style-type: none"> Train lessee on forage utilization monitoring. 	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		As needed.	N/A	
	<ul style="list-style-type: none"> Obtain lessee forage utilization monitoring reports as required by the lease agreement. 	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	N/A

Eastside Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Complete interior and riparian zone fences to allow a multi-pasture grazing system within the parcel. 	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		Annual inspection.	N/A	N/A
	<ul style="list-style-type: none"> Develop and inspect water sources at appropriate locations or water trucking plan. 	Spring 2007 (or prior to initiating grazing)	N/A	N/A
		Annual inspection.	N/A	N/A

Redpoint Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands. 	Fall 2007	YES	Initially completed
		Annual inspection.	YES	Looks good
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access. 	Spring 2008	YES	Initially completed
		Annual inspection.	YES	Fence inspection spring of 2013-in good condition
	<ul style="list-style-type: none"> Close dispersed campsites using rocks or fences. 	Spring 2007	YES	Initially completed

Redpoint Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	YES	No new camping-Looks good
	<ul style="list-style-type: none"> Remove existing fire rings at undesignated campsites. 	Spring 2007	YES	Initially completed
		Annual inspection.	YES	No new fire rings
Vegetation Management	<ul style="list-style-type: none"> Rehabilitate dispersed campsites where necessary. 	Spring 2007	YES	Initially completed
		Annual inspection.	YES	Site/vegetation recovery proceeding
	<ul style="list-style-type: none"> Revegetate with native upland vegetation if agricultural use is discontinued. 	Fall 2011	YES	Ag use discontinued – Initially completed fall 2010
		Annual inspection.	YES	Native vegetation increasing, looks good
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and in localized, internal areas. 	Spring 2007	YES	Initially completed
		Also see the Performance Tracking form.	YES	Weeds generally controlled
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the riparian zone and wetland areas are protected, no other action is required. 	Spring 2008	YES	Initially completed 2009
		Annual inspection.	YES	Looks good-lots of growth
Agricultural Uses	<ul style="list-style-type: none"> Establish an agricultural use or alternative reclamation plan for the parcel. 	Spring 2011	YES	No ag use – reclamation plan initially completed in 2010
	Implement the following measures, if applicable:			

Redpoint Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Conduct annual pre-grazing forage height assessment: 	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		Annual inspection.	N/A	
	<ul style="list-style-type: none"> Train lessee on forage utilization monitoring. 	Spring 2007 (or prior to initiating grazing)	N/A	Grazing not taking place N/A
		As needed.	N/A	N/A
	<ul style="list-style-type: none"> Obtain lessee forage utilization monitoring reports as required by the lease agreement. 	Monthly	N/A	N/A
		See the Performance Tracking form.	N/A	
	<ul style="list-style-type: none"> 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	N/A
	<ul style="list-style-type: none"> Develop and inspect water at appropriate locations or water trucking plan. 	Spring 2007	N/A	N/A
		Annual inspection.	N/A	N/A

Mink Creek Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands. 	Fall 2007	YES	Completed summer 2007
		Annual inspection	YES	
	<ul style="list-style-type: none"> Insure fence and fence post condition on all boundaries to prevent trespass grazing and OHV access. 	Spring 2008	YES	
	<ul style="list-style-type: none"> Extend northern fenceline further into the river to prevent trespass grazing. 	Annual inspection.	YES	Fence inspection in spring of 2013-good condition signs in good condition
	<ul style="list-style-type: none"> 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. 	Fall 2006	YES	"No ATVs" sign to be added to entrance of canyon
		Annual inspection.	YES	
	<ul style="list-style-type: none"> Maintain the Narrows take-out parking area according to RTSP standards (p. 29). 	Ongoing	YES	Initially completed
		Annual inspection/ Biweekly removal of debris.	YES	Parking area in good condition
	<ul style="list-style-type: none"> Maintain boat access (RTSP, p. 29). 	Ongoing	YES	Initially completed

Mink Creek Parcel Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
		Annual inspection.	YES	Boat access in good condition, lots of public use
	• Close dispersed campsites.	Spring 2007	YES	Initially completed
		Annual inspection.	YES	Campsites still closed, no activity
	• Remove existing fire rings at undesignated campsites.	Spring 2007	YES	Initially completed
		Annual inspection.	YES	No new fire rings
	• Rehabilitate dispersed campsites where necessary.	Spring 2007	YES	Initially completed 2008
		Biannual or Annual Rx/Monitoring	YES	Looks good – no change
	• Undertake appropriate weed control measures along the riparian zone and in localized, internal areas.	Spring 2007	YES	Initially completed
		Biannual or Annual Rx/Monitoring	YES	Weeds generally controlled
Wetland and Riparian Habitat Management	• As long as the riparian zone and wetland areas are protected, no other action is required.	Spring 2008	YES	Initially completed
		Annual inspection	YES	Riparian zones and wetlands protected
Agricultural Uses	Not applicable unless decision is made to use lease to control cattle use on eastern side of parcel (see 2011 LMP).	Future Action	N/A	N/A

Area-Wide Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Road Maintenance	<ul style="list-style-type: none"> Conduct regular maintenance on the Oneida Project Road including surface blading, dust abatement, snow removal, minor structure replacement, brush removal, culvert cleaning, and hazard tree removal. Maintain Oneida Project Road to prevent pushing sidecast material into riparian fringes along roadside. 	Annual or more frequently as needed.	YES	Initially complete and ongoing
	<ul style="list-style-type: none"> Maintain traffic signs along the Oneida Project Road. 	Annual	YES	Good condition
	<ul style="list-style-type: none"> Construct a turn-around loop at or near the Day Use Area to improve safety and maneuverability for vehicles along the Oneida Project Road. Provide a sign to indicate campsite availability at the Maple Grove Campground just north of the Day Use Area. 	Fall 2007	YES	Completed 2006
	<ul style="list-style-type: none"> Fund law enforcement patrols along the Oneida Project Road May 1 through October 1. 	Annual	YES	Completed and ongoing
	<ul style="list-style-type: none"> Request that Franklin County cooperate to enforce the OHV ordinance on PacifiCorp land. 	2007	YES	Complete and ongoing
	<ul style="list-style-type: none"> Implement dust abatement measures along the Oneida Project Road adjacent on and up to 100 feet on either side of the Maple Grove and Redpoint campgrounds from Memorial Day to Labor Day. 	Memorial Day through Labor Day	YES	Complete and ongoing
	<ul style="list-style-type: none"> Provide BLM funding to complete improvements on Segment E of the Oneida Project Road including: (1) corner improvements; (2) new pullouts; and (3) erosion control measures. 	Fall 2006	Annual inspection.	Good condition

Area-Wide Compliance Monitoring				
Date: September 3, 2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Coordinate with the BLM and other public agencies to designate the Oneida Project Road as the only motor vehicle route in the planning area. 	Fall 2006	YES	Initially complete and ongoing
Recreation Maintenance	<ul style="list-style-type: none"> Coordinate with Oneida County and other local entities as appropriate to communicate to the public the issues associated with dispersed camping on PacifiCorp-owned land and the rationale for proposed management actions. 	Fall 2006	YES	Initially complete and ongoing
	<ul style="list-style-type: none"> Redesignate the potential campground site on the Eastside Parcel as Developed Recreation Area, but continue to manage it as Conservation Upland until a feasible plan for campground development is brought forward by the BLM or another public entity. 	As appropriate.	No – Future action	N/A 2013
	<ul style="list-style-type: none"> Review status of potential campground on Eastside Parcel and re-classify site as Conservation Upland if no feasible proposal for campground development has been accepted. 	2016	One time, in 2016.	N/A 2013
	<ul style="list-style-type: none"> Inspect the planning area and document public use, recreational safety, road maintenance, and environmental impacts per LMP and RTSP. 	2011, 2016, 2021, 2026, 2031	5-year interval.	Completed 2011 Recreation use currently appropriate for Oneida Canyon
	<ul style="list-style-type: none"> Complete FERC Form 80 to assess recreational use levels. 	2012	6-year interval.	Schedule changed – planning in 2012, implement in 2013/2014

Oneida Performance Tracking

Oneida Plant Performance Tracking					
Date: 9-3-2013		Technician: Westerberg		Initial Performance Tracking: September 2009	
				<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA1 - Viable recreational uses are maintained and/or improved. (also PA2, PA5, PA6, PA7, VM1, WR1, and WR3.)	Are desired recreation activities occurring without discernible adverse environmental impacts*? <ul style="list-style-type: none"> • Are recreation opportunities, rules, and boating and fishing access evident? • Has litter/debris been removed? • Is the portable toilet maintained? <i>*Applicable to the Oneida Narrows put-in, the Day Use Area, and the Take-Out and the "lawn area".</i>	OP1 (located at Oneida Narrows put-in)	YES	Put-in looks good/lots of public use
			OP2 (located at Day Use Area)	YES	Day use area, Excellent
			OP3 (located at "lawn area")	YES	Lawn area in excellent condition
			OP4 (located at "Oneida take-out")	YES	Take-out looks good.

Eastside Parcel Performance Tracking					
Date: 9-3-2013		Technician: Westerberg		Initial Performance Tracking: September 2009	
				<input checked="checked" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 - Disturbed lands are improved to restore healthy vegetated communities. (also PA5, PA6, PA7, PA8, PA9, PA10, VM1, VM3, WR1, WR2, and WR3.)	Is there noticeable improvement in riparian habitat since fire ring rehabilitation and sign placement? <ul style="list-style-type: none"> • <i>Have fire rings been removed and rehabilitated?</i> • <i>Is trampled vegetation in the area recovering?</i> 	EP1	YES	Riparian area looks excellent. Lots of new growth—both grasses and trees
			EP2	YES	Looks good
Wetland and Riparian Habitat Management	WR2 - Riparian impacts associated with ongoing dispersed camping on PacifiCorp-owned land are eliminated. (also PA2, PA5, PA6, PA7, VM1, VM2, and WR1.)	Are riparian species, especially shrub and woody species, increasing along the shoreline?	EP3	YES	Riparian looks good, lots of new growth.
			EP4	YES	Riparian looks good, lots of new growth
			RP3	YES	Lots of growth, both grass and woody—lots of public use as well—lots of boater launching from RP3—trails being created to water—Named “RP” but really in Eastside parcel
			RP4	YES	Lots of growth, willows and grasses Named “RP” but really in Eastside parcel

Redpoint Parcel Performance Tracking					
Date: 9-3-2013 Technician: Westerberg		Initial Performance Tracking: September 2009		<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 - Disturbed lands are improved to restore healthy vegetated communities. (also PA5, PA6, PA7, PA8, PA9, PA10, VM1, VM3, WR1, WR2, and WR3.)	Is there noticeable improvement in riparian habitat since fire ring rehabilitation and sign and gate placement? <ul style="list-style-type: none"> Have fire rings been removed and rehabilitated? Is trampled vegetation in the area recovering? 	RP1	YES	Riparian in good condition, lots of new growth.
			RP2	YES	Looks good
Wetland and Riparian Habitat Management	WR1 - Wetland and riparian resources and river shoreline are buffered and protected. (also PA2, PA5, PA6, PA7, VM1, VM2, and WR2.)	Are riparian species, especially shrub and woody species, increasing along the shoreline?	RP3	See previous page	Moved to East Side Parcel 2010 because locations are in that parcel.
			RP4	See previous page	Moved to East Side Parcel 2010 because locations are in that parcel.

Oneida Performance Tracking Photos 2013

Oneida Plant Parcel



OP 1 – 3 September 2013

Oneida Plant Parcel



Oneida Plant Parcel



OP3 - 3 September 2013

Mink Creek Parcel



OP4 - 3 September 2013

East Side Parcel



EP1 - 3 September 2013

East Side Parcel



EP2 – 3 September 2013

East Side Parcel



EP3 – 3 September 2013

East Side Parcel



EP4 – 3 September 2013

East Side Parcel



RP 3 -3 September 2013

East Side Parcel



RP4 – 3 September 2013

Red Point Parcel



RP1 – 3 September 2013

Red Point Parcel



RP2 – 3 September 2013

Appendix E

Soda Site Plan Compliance Monitoring and Performance Tracking

Soda Compliance Monitoring

North Agricultural Parcel Compliance Monitoring				
Date: 9-9-13		Technician: Bryan Westerberg		
Baseline 2009				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none">Use appropriate methods to demarcate PacifiCorp-owned lands and public access policies.	Spring 2009	YES	Initially completed
		Annual	Baseline	Good
	<ul style="list-style-type: none">Request placement of hazard signs on the Second Bridge abutment by Caribou County.	Spring 2009	NO	Incomplete
		Annual	YES	No sign – consider barricade
Vegetation Management	<ul style="list-style-type: none">Undertake appropriate weed control measures in localized, internal areas.	Spring 2009	YES	Initially completed
		Annual	YES	Weeds generally controlled
	<ul style="list-style-type: none">Cooperate with IDFG in developing sharp-tailed grouse and other wildlife habitat on peninsula.	Fall 2009	YES	Initially completed 2009-2010
		Annual	YES	Some areas of shrub growth, native grasses
Wetland and Riparian Habitat Management	<ul style="list-style-type: none">Expand riparian buffers as appropriate and delineate shoreline buffer.	Fall 2008	YES	Initially completed fall 2008
		Annual	YES	Buffers look good overall
	<ul style="list-style-type: none">Complete the boundary fence along the northern boundary near PacifiCorp housing area.	Fall 2008	YES	Boundary posts installed
		Annual	YES	Areas that need fencing are fenced
Agricultural Uses	<ul style="list-style-type: none">Revise lease to ensure consistency with LMP.	Spring 2009	YES	Initially completed
		As Needed	Ongoing	
	<ul style="list-style-type: none">Eliminate grazing from lease.	Spring 2009	YES	Completed – no further action
		N/A	N/A	
	<ul style="list-style-type: none">Monitor buffers for weed populations expanding from agricultural lease area.	Spring 2009	YES	Initially completed
		Annual	YES	Weeds generally controlled

Morristown Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and public access policies. 	Spring 2009	YES	Initially completed
		Annual	YES	Good
	<ul style="list-style-type: none"> Maintain fence and boundary post condition on all boundaries, particularly north of the highway. 	Spring 2009	YES	Initially completed
		Annual	YES	Fences good
	<ul style="list-style-type: none"> Install gate with walk-in access at the Morristown site to prevent motorized access to the reservoir beyond. 	Summer 2009	YES	Complete
		Annual	YES	Some motorized access, driving around gate
	<ul style="list-style-type: none"> Improve the signage at the Morristown Historical Site to address safety and liability concerns. 	Summer 2009	NO	
		Annual	YES	
	<ul style="list-style-type: none"> Request the Caribou County cooperate to improve maintenance of the toilet facility at the Oregon Trail Park and Marina. 	Spring 2009	YES	Initially completed
		Annual	YES	Looks good
	<ul style="list-style-type: none"> Eliminate agricultural lease on 10-acre property east of marina. 	Spring 2009	YES	Initially completed
		Annual	YES	Weeds generally controlled
Vegetation Management	<ul style="list-style-type: none"> If a property with higher wildlife values becomes available for exchange, seek to trade or sell isolated and land-locked property north of the golf course, perhaps to the BLM or adjacent landowners. 	Summer 2009	Ongoing	Incomplete
		Annual	N/A	IDFG asked this parcel remain or be protected – no action 2013
	<ul style="list-style-type: none"> Undertake appropriate weed control measures in localized, internal areas, particularly around the Morristown Historical Site. 	Spring 2009	YES	Initially completed
		Annual – also see Performance Tracking	YES	Weeds generally controlled
	<ul style="list-style-type: none"> Consult with IDFG on possible vegetation enhancement on Conservation Lands to improve wildlife habitat. 	Summer 2009	YES	Initially completed
		As Needed	Ongoing	Not highest initial priority. Potential for future project.

North Agricultural Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg Baseline 2009				
Issue	Corrective Action	Timeframe	Completed?	Comments
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Eliminate shoreline grazing through fencing and lease revision. 	Fall 2008	YES	Initially completed
		Annual	YES	No grazing
Agricultural Uses	<ul style="list-style-type: none"> Eliminate lease to ensure consistency with LMP. 	Spring 2009	YES	Initially completed
		N/A	N/A	

Bear River Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and public access policies. 	Spring 2009	YES	Initially completed
		Annual	YES	
	<ul style="list-style-type: none"> Close the vehicle access to the dispersed campsites on the river's northern and southern shores using rocks or fences. 	Summer 2009	YES	Gate installed in fall 2012
		Annual	YES	Area Closed to motorized travel
	<ul style="list-style-type: none"> Fence out adjacent owners who are using PacifiCorp land for an extension of their backyards. 	Spring 2009	YES	Initially completed
		Annual	YES	Still no use
	<ul style="list-style-type: none"> Remove the existing fire rings at the undesignated campsites and monitor to ensure natural vegetation returns. 	Summer 2009	YES	Initially completed
		Annual	YES	Improving
Vegetation Management	<ul style="list-style-type: none"> Consult with IDFG on possible vegetation enhancement on conservation lands to improve wildlife habitat. 	Fall 2009	YES	Initially completed
		As needed	Ongoing	Not highest initial priority. Potential for future project.
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the road and enforce lessee weed control lease provisions in cultivated areas. 	Spring 2009	YES	Weeds generally controlled
		Annual	YES	
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Complete shoreline buffer posting along south side of the river. 	Fall 2009	YES	Complete
		Annual	YES	Good
	<ul style="list-style-type: none"> Place vehicle barriers where necessary. 	Fall 2009	YES	Improving
		Annual	YES	Improving

Bear River Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Agricultural Uses	<ul style="list-style-type: none"> Revise leases to ensure consistency with LMP. 	Spring 2009		Initially completed
		As needed	Ongoing	
	<ul style="list-style-type: none"> Request that the lessee remove unauthorized fuel storage tanks from PacifiCorp property. 	Spring 2009	YES	Completed
		Annual	YES	No change
	<ul style="list-style-type: none"> Monitor buffers for weeds expanding from agricultural lease area. 	Summer 2009	YES	Weeds generally controlled
		Annual	YES	

South Agricultural Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies. 	Spring 2009	YES	Initially complete
		Annual	YES	Public Access signs and rules installed
	<ul style="list-style-type: none"> Create a new parking area on the east end of the dirt track to facilitate recreation use. 	Fall 2009	YES	Initially complete
		Annual	YES	
	<ul style="list-style-type: none"> Grant a perpetual easement for the landowner whose driveway crosses the parcel or pursue land disposition with deed restrictions for the three parcels near Larson Road. 	Summer 2009	No	Incomplete - 2/3 done
		Ongoing	YES	Sold driveway parcel and one other; last parcel sale incomplete
	<ul style="list-style-type: none"> Monitor the residential development to ensure no trespass or new encumbrances. 	Summer 2009	YES	Ongoing
		Annual	YES	Good

South Agricultural Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
	<ul style="list-style-type: none"> Pursue land exchanges with private landowners to consolidate PacifiCorp ownership patterns and land management practices. 	Fall 2009	YES	Initially complete in 2009: Trade completed O. Gunnell. D. Gunnell completed lease exchange
		As needed	YES	No change
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the road in areas not under lease, and enforce lessee weed control lease provisions in cultivated areas. 	Summer 2009	YES	Initially completed
		Annual	YES	Weeds generally controlled
	<ul style="list-style-type: none"> Consult with IDFG for possible vegetation enhancements on Conservation Lands. 	Fall 2009	YES	Initially completed
		Annual	Ongoing	Not highest initial priority. Potential for future project
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Expand shoreline buffer as required to meet LMP and License objectives in cultivated areas. 	Fall 2009	YES	Initially completed
		Annual	YES	Buffers look good, roads being created in two areas
Agricultural Uses	<ul style="list-style-type: none"> Revise leases to ensure consistency with LMP. 	Spring 2009	YES	Initially completed
		As needed	YES	N/A

Alexander Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to demarcate PacifiCorp-owned lands and post public access policies. 	Fall 2009	YES	Initially completed
		Annual	YES	Good
	<ul style="list-style-type: none"> Close the unauthorized campsites near the reservoir's shore to vehicle access by ensuring that the gate is locked; add a pedestrian walk-through gate to facilitate recreation access. Consider future alternative use of camp areas (see below). 	Spring 2009	YES	Initially completed
		Annual	YES	No vehicle access
	<ul style="list-style-type: none"> Remove existing fire rings and litter at the unauthorized campsite. 	Summer 2009	YES	Initially completed
		Annual	YES	New fire rings have been built, lots of public use, rope swings, garbage, camping activities
	<ul style="list-style-type: none"> Pursue exchange of western and eastern parcels with BLM. 	Fall 2009	NO	Incomplete
		Ongoing		Working with BLM
	<ul style="list-style-type: none"> Consider offering a future lease for the camping site to the BLM or State of Idaho for a managed campground. 	Future Activity	NO	Incomplete – future activity
		As needed	N/A	N/A
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures in localized areas in the parcel. 	Spring 2009	YES	Initially completed
		Annual	YES	Weeds generally controlled
	<ul style="list-style-type: none"> Eliminate vehicle access to parcel and remove fire rings to reduce fire danger. 	Spring 2009	YES	Initially complete
		Annual	YES	Fire rings
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Reduce shoreline impact by closing campsite to vehicle access. 	Spring 2009	YES	Initially completed
		Annual	YES	Shoreline impacts continue
	<ul style="list-style-type: none"> Monitor recreation impacts to shoreline per the RTSP. 	Summer 2014, 2019, 2024, 2029	NO	N/A 2013

Alexander Parcel Compliance Monitoring Date: 9-9-13 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
		Every 5 years	N/A	
Agricultural Uses	(No agricultural uses are authorized on the parcel.)	N/A		
		N/A		

Soda Performance Tracking

North Agricultural Parcel Performance Tracking					
Date: 9-9-13 Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/> X	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Vegetation Management	VM3-habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2)	Are upland brush communities healthy, diverse in plant composition, and minimally affected by invasive species? <ul style="list-style-type: none"> Are desired plants established? Are weedy and invasive species decreasing? 	NA 1 (south of road just inside western edge of parcel)	YES	Looks good 2013
			NA2 (on peninsula)	YES	Weeds generally controlled, some shrub growth-native grasses
Wetland and Riparian Habitat Management	WR1 – Wetland and riparian resources, and reservoir shorelines are buffered, posted, and protected. (Also WR2, WR3, WR4)	Are areas along the reservoir's edge and waterways formerly impacted by cultivation or livestock minimally affected by invasive plants, and is bare ground being replaced by desired grasses and forbs? <ul style="list-style-type: none"> Are desired plants being reestablished? Are weedy species reasonably sparse and being managed appropriately? Is there an adequate buffer of healthy riparian vegetation along the water's edge? Are fences established where necessary and are they preventing livestock trespass but not obstructing use by wildlife? 	NA3 (east of Second Bridge Road between Alexander Road and Second Bridge Day Use Area)	YES	Buffer was mowed in summer to help with weed control, grasses are reestablishing, buffer looks good

North Agricultural Parcel Performance Tracking					
Date: 9-9-13 Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/>	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Agricultural Uses	AU1 – Activities on leased land are consistent with the objectives of the Agreement, the LMP, and Other resource management plans and meet lease stipulations. (Also AU4)	Are agricultural practices appropriate for leased parcels? <ul style="list-style-type: none"> <i>Are agricultural operations limited to the area designated for agriculture?</i> <i>Is soil loss minimized during tillage and are weeds appropriately managed?</i> 	NA 4 (Northeast of employee residence area along upland buffer)	YES	Grass mowed, weeds controlled, looked good

Morristown Performance Tracking					
Date: 9-9-13 Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/>	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and inconsiderate users being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing? <ul style="list-style-type: none"> <i>Does signage indicate proper use?</i> <i>Are fences in place to protect historic structures?</i> <i>Are vehicles prevented from accessing reservoir shoreline?</i> <i>Are visitor facilities being maintained appropriately?</i> 	MO 1 (at Morristown Historical Site)	NO	Some vehicle access around gate, No signage—area looks good
			MO2 (at Oregon Trail Park and Marina)	YES	Looks good

Morristown Performance Tracking					
Date: 9-9-13 Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/> X	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Wetland and Riparian Habitat Management	WR1 – Wetland and riparian resources, spring complexes, and the river shoreline are buffered and protected. (Also WR3, VM1, VM2.)	Are areas along the reservoir's edge and waterways formerly impacted by livestock or vehicles minimally affected by invasive plants, and are desired grasses and forbs increasing?	MO3 (North of Highway 30 and west of the reservoir inlet)	YES	Looks good, weeds generally controlled
		<ul style="list-style-type: none"> • Are desired plants being reestablished? • Are weedy species reasonably sparse and being managed appropriately? • Is there an adequate buffer of healthy riparian vegetation along the water's edge? • Are fences established where necessary and are they preventing livestock trespass but not obstructing use by wildlife? • Are recreation users (fishers) having minimal impact? 	MO4 (South of Highway, south edge of golf course)	YES	Looks good

Bear River Parcel Performance Tracking					
Date: 9-9-13		Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009	
				<div>X</div>	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and inconsiderate users being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing? <ul style="list-style-type: none">Does signage indicate proper use?Is the area minimally affected by flammable material storage?Are vehicles prevented from accessing river and reservoir shorelines?Are sites along the river formerly used by campers returning to a desired state?	BR 1 (north of Bear River along Big Springs Rd adjacent to cultivated field)	YES	Looks good, old fences removed
			BR2 (along dirt track to communication tower south of BR and east of Reservoir Rd)	YES	Gate and new fencing installed in fall 2012, area improving
Agricultural Uses	AU1- Activities on leased land are consistent with the objectives of the Agreement, the LMP, and other resource management plans and meet lease stipulations. (Also VM1, VM2, VM3, WR1, and AU4.)	Are agricultural practices appropriate for leased parcels? <ul style="list-style-type: none">Are agricultural operations limited to the area designated for agriculture?Are areas formerly leased but now designated Conservation Land returning to desired grasses and shrubs, dominated by native species?	BR3 (between field and steep riparian area in southern-most lease and along east side of Bear River)	YES	Looks good

South Agricultural Parcel Performance Tracking Date: 9-9-13 Technician: Bryan Westerberg Initial Performance Tracking: Fall 2009 <div style="float: right;"> <input checked="" type="checkbox"/> Check if DFCs </div>					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)	Are areas formerly impacted by trespassing vehicles and inconsiderate users being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing? <ul style="list-style-type: none"> Does signage indicate proper use? Are vehicles prevented from accessing reservoir shorelines? 	SA1 <i>(northeast of the new parking area north of Reservoir Road on the east end of the former 0.8 mile loop)</i>	YES	Area looks good, roads created in two areas, possible future fencing
Wetland and Riparian Habitat Management	WR – 1 Wetland and riparian resources, and reservoir shorelines are buffered, posted, and protected. (Also WR2, WR3, WR4.)	Are areas along reservoir edges and waterways formerly impacted by cultivation or recreation users minimally affected by invasive plants and are desired grasses, forbs, and shrubs becoming reestablished? <ul style="list-style-type: none"> Are desired plants being reestablished? Are weedy species reasonably sparse and being managed appropriately? Is there an adequate buffer of healthy riparian vegetation along the water's edge? Are fences established where necessary and are they preventing vehicle trespass but not obstructing use by wildlife? 	SA2 <i>(northwest of Second Bridge Road approximately 0.75 miles from the west end)</i>	YES	Looks good, buffer grass very tall

South Agricultural Parcel Performance Tracking Date: 9-9-13 Technician: Bryan Westerberg Initial Performance Tracking: Fall 2009 <div> <input checked="" type="checkbox"/> Check if DFCs </div>					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Agricultural Uses	AU1 – Activities on leased land are consistent with the objectives of the Agreement, the LMP, and Other resource management plans and meet lease stipulations. (Also AU4)	Are agricultural practices appropriate for leased parcels? <ul style="list-style-type: none"> • <i>Are agricultural operations limited to the area designated for agriculture?</i> • <i>Is soil loss minimized during tillage and are weeds appropriately managed?</i> 	SA 3 <i>(south side of second bridge road approximately 1 mile west of bridge over Bear River)</i>	YES	Looks good

Alexander Parcel Performance Tracking					
Date: 9-9-13 Technician: Bryan Westerberg		Initial Performance Tracking: Fall 2009		<input checked="" type="checkbox"/> X	Check if DFCs
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	<p>PA2 – Lands disturbed by recreation or public uses are improved to reclaim healthy vegetation communities.</p> <p>(Also PA3, PA4, PA6, PA7, PA9, VM1, VM2, VM3, WR1, WR2, WR3.)</p>	<p>Are areas formerly impacted by trespassing vehicles and unauthorized camping being accessed only by pedestrians, minimally affected by vandalism, and are weedy and invasive species decreasing?</p> <ul style="list-style-type: none"> Does signage indicate proper use? Are vehicles prevented from accessing the interior of the parcel? Is the former campground minimally affected by litter and debris? 	<p>AL1</p> <p>(along the dirt track near the center of the former camp ground)</p>	YES	Signage installed still heavy use, fire ring, camping, rope swing-usage concentrated,
Wetland and Riparian Habitat Management	<p>WR – 1 Wetland and riparian resources, and reservoir shorelines are buffered, posted, and protected. (Also WR2, WR3, WR4.)</p>	<p>Are areas along reservoir edges and waterways formerly impacted by recreation users minimally affected by invasive plants and are desired grasses, forbs, and shrubs becoming reestablished?</p> <ul style="list-style-type: none"> Are desired plants being reestablished? Are weedy species reasonably sparse and being managed appropriately? Is there an adequate buffer of healthy riparian vegetation along the water's edge? Are fences established where necessary and are they preventing vehicle trespass but not obstructing use by wildlife? Are recreation users (fishers) having minimal impact? 	<p>AL2</p> <p>(near the base of the peninsula providing access to the south end of the former Second Bridge)</p>	YES	Looks good

Soda Performance Tracking Photos 2013

North Agricultural Parcel



NA 1 – 9 September 2013



NA 2 –9 September 2013



NA 3 – 9 September 2013



NA 4 – 9 September 2013

Morristown Parcel



MO 1 – 9 September 2013



MO 2 – 9 September 2013



MO 3 – 9 September 2013



MO 4 – 9 September 2013

Bear River Parcel



BR 1 – 9 September 2013



BR 2 – 9 September 2013



BR 3 – 9 September 2013

South Agricultural Parcel



SA 1 – 9 September 2013



SA 2 – 9 September 2013



SA 3 – 9 September 2013

Alexander Parcel



AL 1 – 9 September 2013



AL 2 – 9 September 2013

Appendix F

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

Grace Dam and Last Chance Site Plan Compliance Monitoring

Last Chance Parcel Compliance Monitoring Date: 9-5-2013 Technician: Bryan Westerberg Baseline 2010				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public access. 	Summer 2009	YES	Boundaries marked.
		Annual	YES	Looks good
	<ul style="list-style-type: none"> Ensure gate, fence, and fence post condition on all boundaries where natural features don't provide adequate boundary delineation and protection from livestock and vehicle trespass. 	Summer 2009	YES	Initially completed in 2011
		Annual	YES	Fence good
	<ul style="list-style-type: none"> Establish and maintain gates on unimproved roads unsuitable for public motorized access. 	Fall 2009	YES	NOTE: proposed gates on northwest property were replaced with cattle guards 2010.
Vegetation Management	<ul style="list-style-type: none"> Revise the weed control contract to include backpack spraying and other appropriate techniques. 	Spring 2009	YES	Initially completed
		Annual	YES	Weeds generally controlled
	<ul style="list-style-type: none"> Reseed the upland area where livestock have damaged ground above the ramp leading to the old ford to native grasses and forbs. 	Fall 2009	YES	Initially completed
		Annual	YES	Conditions improving, new native growth, decreasing weeds
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> Secure the ramp leading down to the old ford at the north end of the parcel to prevent trespassing livestock from accessing the river's edge. 	Summer 2009	YES	Property boundary is fenced and cattle guards on road are in place.
	<ul style="list-style-type: none"> Reseed and replant the riparian area where livestock have damaged riparian areas at the old ford. 	Fall 2009	YES	Initially completed
		Annual	YES	Looks good, lots new shrub growth, weeds being controlled
Agricultural Uses	<ul style="list-style-type: none"> Renegotiate leases to limit lessees to one annual cut of alfalfa, leaving the balance for wildlife. 	Spring 2009	YES	Initially completed
		Annual	YES	One cut in 2013

Grace Dam Parcel Compliance Monitoring Date: 9-5-2013 Technician: Bryan Westerberg				
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public uses. 	Summer 2009	YES	Initially completed
		Annual	YES	
	<ul style="list-style-type: none"> Ensure fence and fence post condition on boundaries as necessary to control trespass OHV and livestock grazing. 	Summer 2009	YES	Initially completed
		Annual	YES	Area recovering, fence is done on the south
	<ul style="list-style-type: none"> Post "No Trespassing" and ownership signs on the west side under the Highway 34 bridge to discourage public access to the Project Operations land west of the bridge and to protect the riparian habitat. 	Summer 2009	YES	Access control boulders were placed instead of signs
		Annual	YES	No signs but rock barriers placed to stop access.
	<ul style="list-style-type: none"> Complete the signage and facilities at the Black Canyon put-in with: (1) recreational rules signs; (2) "Part 8" signs; (3) a "Stop" sign; (4) "No Fires" signs; (5) "Speed Limit 10 mph" signs; (6) "Pack It In, Pack It Out" signs; (7) a portable toilet placed and maintained spring and summer at the put-in. 	Spring 2009	YES	Complete
		Annual	YES	Signage complete
	<ul style="list-style-type: none"> Maintain the parking areas according to RTSP standards (p. 29). 	Spring 2009	YES	Initially completed
		Ongoing	YES	Appears well maintained.
	<ul style="list-style-type: none"> Provide overflow parking area if boater use exceeds capacity of gravel parking area. 	Future activity	NO	Not needed at this time
		Annual	N/A	N/A
	<ul style="list-style-type: none"> Maintain boat access at the Grace Dam put-in and consider placing rocks in river to create eddy for safer boat launch. 	Spring 2009	YES	Initially completed
		Ongoing	YES	Boat access available. Eddy necessary
	<ul style="list-style-type: none"> Inspect the recreation site periodically (every 5 years, per LMP and RTSP) for signs of environmental damage to adjacent sensitive habitats designated as Conservation shoreline buffers, and appropriate steps will be taken if damage is detected. 	Spring 2014, initially	N/A	Not applicable in 2013.
	<ul style="list-style-type: none"> Install boulders or other barriers to prevent vehicles from accessing the area under the bridge to reduce loitering and littering. 	Fall 2009	YES	Rock barriers installed

Grace Dam Parcel Compliance Monitoring				
Date: 9-5-2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Vegetation Management	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the riparian zone and project roads as well as in localized, internal areas. 	Spring 2010	YES	Weeds generally controlled.
	<ul style="list-style-type: none"> Discontinue grazing on small (approximately 1-acre) parcel north of residence and east of Grace Dam to allow revegetation of riparian strip. 	Spring 2009	NO	Incomplete
		Annual	NO	Horse grazing, temporary electric fence in place. Additional follow up needed in 2014
Agricultural Uses	<ul style="list-style-type: none"> No agricultural uses. 	Spring 2009	YES	No permitted use; see previous comment (above)

Flowline Parcel Compliance Monitoring				
Date: 9-5-2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
Public Access	<ul style="list-style-type: none"> Use appropriate methods to determine and demarcate PacifiCorp-owned lands and allowed public access. 	Summer 2009	YES	Boundaries are marked
		Annual	YES	Consider options for public access signage.
	<ul style="list-style-type: none"> Determine where public will be prohibited from access to Project Operations lands around flowline and surge tank because of unsafe conditions (e.g., ponds, escarpments, and piles of debris). Ensure appropriate signage and fence and fence post condition on all boundaries to prevent unauthorized public access, trespass grazing, and OHV access. 	Spring and Summer 2009	NO	Incomplete
		Annual	YES	No signage or fencing in place to regulate public access or use at surge tank, on 5-ac or 47-ac parcels or along much of flowline. Consideration of pedestrian access only and no shooting signs in 2013.
	<ul style="list-style-type: none"> Negotiate easement with Last Chance Canal Company for catch basin at end of canal to require appropriate hazard warnings around the basin, near debris piles, and at the escarpment. Ensure that posted warnings are maintained by the canal company. 	Fall 2009	NO	Incomplete
		Annual	YES	Easement competed with Don Gilbert. Signage TBD in 2013
	<ul style="list-style-type: none"> Notify party using the 47-acre triangular parcel 	Spring 2009	YES	Initially completed

Flowline Parcel Compliance Monitoring				
Date: 9-5-2013		Technician: Bryan Westerberg		
Issue	Corrective Action	Timeframe	Completed?	Comments
	without a lease for grazing horses to remove livestock.	Annual	YES	No grazing 2013
Vegetation Management	<ul style="list-style-type: none"> Monitor 47-acre triangular parcel previously used by horses; reseed if necessary to improve wildlife habitat. 	Fall 2009	YES	Initially completed
		Annual	YES	No recent livestock use apparent - wildlife use. Seeding unnecessary at present.
	<ul style="list-style-type: none"> Clean up 5 acres previously used by others as dumping ground; seek opportunities for disposal, including sale or exchange with Caribou County for road maintenance material storage. 	Fall 2009	YES	Clean up complete, structures still remain
		Annual	YES	Continue to work on this
	<ul style="list-style-type: none"> Where necessary, revegetate the disturbed uplands around the surge tank that are not included in agriculture leases with native upland grasses and forbs. 	Fall 2009	YES	Initially completed
		Annual	YES	No evidence of reseeding around surge tank. Unnecessary at this time.
	<ul style="list-style-type: none"> Undertake appropriate weed control measures along the flowline and in localized, internal areas. 	Spring 2010	YES	Initially completed
		Annual	YES	Weeds generally controlled
Wetland and Riparian Habitat Management	<ul style="list-style-type: none"> As long as the wet areas under the flowline are not being grazed, no other action is required. 	Spring 2009	YES	No grazing apparent.
Agricultural Uses	<ul style="list-style-type: none"> Dispose of properties east of the current flowline along the old flowline alignment that are in the middle of cultivated fields and owned by a single landowner to that landowner by sale or exchange. 	Summer 2009	NO	Incomplete
		Ongoing	NO	Need to advance this issue
	<ul style="list-style-type: none"> Negotiate updated lease terms with farmers cultivating the narrow strips west of the flowline and near the surge tank. 	Spring 2009	NO	Incomplete
		Ongoing	NO	Need to advance this issue

Grace Dam and Last Chance Performance Tracking

Last Chance Performance Tracking					
Date: 9-5-2013 Technician: Bryan Westerberg, Initial Performance Tracking: October 8, 2010				<input checked="" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA2 – Lands disturbed by recreation or other public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA6, VM1, VM2, VM3, WR1, WR2.)	<p>Are areas formerly damaged by trespassing livestock free of invasive plants, and is bare ground being replaced by native grasses and forbs?</p> <ul style="list-style-type: none"> Are native plants being reestablished on the uplands above, the ramp, and the riparian zone adjacent to, the old river ford on the west side of the river? Has the extent of bare ground been reduced enough to minimize soil erosion? Has the fence around the old ford been removed so as not to obstruct use of the riparian zone by wildlife? 	LC1 (at top of ramp leading to old ford)	YES	No grazing, weeds under control, seeded area has new growth of native grasses.
			LC2 (on west side of river at old ford)	YES	Weeds under control, lots of native shrub growth, willows, native grasses increasing, no grazing, looks very good compared to previous years-some ATV and truck access going down ford, possible fencing
Vegetation Management	VM3 - habitats such as sagebrush-steppe are enhanced and protected. (Also VM1, VM2.)	<p>Are sagebrush-steppe and mountain brush communities healthy, diverse in plant composition, and free of invasive species?</p> <ul style="list-style-type: none"> Are native plants established and free of invasive species? 	LC3 (on western edge of agricultural field at narrowest point in southwest piece)	YES	Sagebrush-steppe community healthy. Weeds still pervasive, especially along edge of fields. Abundance of native vegetation increases away from edge of fields. Musk thistle, Japanese brome, and cheat grass apparent.
			LC4 (on east side of river at old ford)	YES	Weeds still present, but decreasing in size and density, lots of native growth

Last Chance Performance Tracking Date: 9-5-2013 Technician: Bryan Westerberg, Initial Performance Tracking: October 8, 2010 <div style="float: right; border: 1px solid black; padding: 2px;"> X </div> Check if DFCs have been reviewed.					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Agricultural Uses	AU1 - Activities on leased land are consistent with the objectives of the Agreement, the LMP, and other resource management plans and meet lease stipulations. (Also AU4.)	Are agricultural practices appropriate for leased parcels and helping to support wildlife? <ul style="list-style-type: none"> • <i>Are agricultural operations limited to the area designated for agriculture?</i> • <i>Are crops limited to alfalfa, and is only the first cut removed, leaving the balance for wildlife?</i> • <i>Is soil loss minimized during tillage, and are weeds appropriately managed?</i> 	LC5 <i>(on east side of river within agricultural field)</i>	YES	Agricultural practices appear to be appropriately confined. Crops limited to alfalfa and not cut recently. Minimal soil loss evident.
			LC6 <i>(on west side of river within agricultural field)</i>	YES	Agricultural practices appear to be appropriately confined. Crops limited to alfalfa and not cut recently. Minimal soil loss evident.

Grace Dam Performance Tracking					
Date: 9-5-2013 Technician: Bryan Westerberg		Initial Performance Tracking: October 8, 2010		<input checked="" type="checkbox"/> Check if DFCs have been reviewed.	
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA1 - Viable recreational uses are maintained and/or improved. (Also PA2, PA3, PA4, PA6, PA7, VM1, VM2, VM3, WR1, WR2, WR3, WR4)	<p>Are established recreation areas receiving substantial use, and do these visitors have a minimal impact?</p> <ul style="list-style-type: none"> <i>Is there evidence of boaters taking advantage of the developed recreation site for whitewater boating at appropriate flows?</i> <i>Are soil and vegetation impacts limited to the parking area, put-in ramp, and narrow strips around roadways?</i> 	<p>GD1 (on north side of parking area east of Highway 34 bridge and south of river)</p>	YES	Boaters did take advantage of the launch site spring and summer. Vegetation improving-looks good
	PA2 – Lands disturbed by recreation or other public uses are improved to reclaim healthy vegetation communities. (Also PA3, PA6, VM1, VM2, VM3, WR1, WR2.)	<p>Are upland areas formerly damaged by trespassing livestock and OHV use free of invasive plants, and is bare ground being replaced by native grasses and forbs?</p> <ul style="list-style-type: none"> <i>Are native plants being reestablished?</i> <i>Are weedy species reasonably sparse and being managed appropriately?</i> <i>Is the percentage of bare ground small enough to minimize soil erosion?</i> <i>Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife?</i> 	<p>GD2 (along east side of flowline, south of river, and west of Highway 34 bridge)</p>	YES	Area is improving, less ATV use, weeds decreasing---lots of grass

Grace Dam Performance Tracking					
Date: 9-5-2013 Technician: Bryan Westerberg		Initial Performance Tracking: October 8, 2010		<input checked="" type="checkbox"/> X	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Vegetation Management	VM3 - habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2.)	<p>Are areas in uplands relatively free of weeds and composed of a healthy mix of native grasses, forbs, and shrubs?</p> <ul style="list-style-type: none"> • Are weedy species reasonably sparse and being managed appropriately? • Are native plants being reestablished? • Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife? 	GD3 (south of road to recreation parking area and east of Highway 34)	YES	Looks good, weeds generally controlled
Wetland and Riparian Habitat Management	WR1 - Wetland and riparian resources, spring complexes, and the river shoreline are buffered and protected. (Also WR2, WR3, WR4.)	<p>Are areas along waterways formerly damaged by livestock free of invasive plants, and is bare ground being replaced by native grasses and forbs?</p> <ul style="list-style-type: none"> • Are native plants being reestablished? • Are weedy species reasonably sparse and being managed appropriately? • Is there an adequate buffer of healthy riparian vegetation along the water's edge? • Have fences been established and are they preventing livestock trespass but not obstructing use by wildlife? • Are recreation users (fishers) having minimal impact on the riparian zone north of the river and west of the Highway 34 bridge? 	GD4 (east of dam and north of residence near water's edge)	NO	East of residence has heavy grazing to water's edge—weeds are an issue
			GD5 (on north side of river and midway between Highway 34 and old RR bridge)	NO	Trespass grazing most of the summer, lots of weeds, ongoing working with adjacent landowner to deal with trespass grazing-No animals present day of monitoring.

Flowline Performance Tracking					
Date: 9-5-2013 Technician: Bryan Westerberg Initial Performance Tracking: October 8, 2010					
<div style="float: right; border: 1px solid black; padding: 2px;">x</div> Check if DFCs have been reviewed.					
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Public Access	PA1 - Viable recreational uses are maintained and/or improved. (Also PA2, PA3, PA4, PA5, PA6, PA7, VM1, VM2, VM3)	Does public use of the 5- acre and 47-acre Upland Conservation areas have a minimal impact? <ul style="list-style-type: none"> Is there evidence of hunters and others utilizing the conservation areas appropriately? Is there evidence of wildlife taking advantage of the available habitat? Are soil and vegetation impacts minimal and vegetation cover for upland birds and other species adequate? 	FL1 (west edge of 5-acre triangular parcel at junction of One Mile Road and Varley Road)	YES	Little evidence of significant public use.
			FL2 (within 47-acre triangular parcel along River Road and west of flowline)	YES	Little evidence of significant public use. Wildlife use includes scat from marmots and coyote, badger cadaver, grouse scat. Deer can be observed year round on the 47-acre parcel.
Vegetation Management	VM3 - habitats such as sagebrush steppe are enhanced and protected. (Also VM1, VM2.)	Are areas in uplands relatively free of weeds and composed of a healthy mix of native grasses, forbs, and shrubs? <ul style="list-style-type: none"> Are weedy species reasonably sparse and being managed appropriately? Are native plants being reestablished? Have fences been established, and are they preventing livestock trespass but not obstructing use by wildlife? 	FL3 (in uplands west of surge tank)	YES	Looks good, weeds generally controlled.

Flowline Performance Tracking					
Date: 9-5-2013 Technician: Bryan Westerberg Initial Performance Tracking: October 8, 2010					
				<input checked="checked" type="checkbox"/>	Check if DFCs have been reviewed.
Issue	Desired Future Condition	Performance Tracking	GPS/ Photo Pt.	YES/NO	Comments
Agricultural Uses	AU1 - Activities on leased land are consistent with the objectives of the Agreement, the LMP, and other resource management plans. (Also AU4.)	Are agricultural practices appropriate for the leased parcels? <ul style="list-style-type: none"> • <i>Are agricultural operations limited to the area designated for agriculture?</i> • <i>Is soil loss minimized during tillage, and are weeds appropriately managed?</i> 	FL4 <i>(in fields west of flowline and west of River Road)</i>	YES	Looks good.

Grace Dam and Last Chance Performance Tracking Photos 2013



LC 1 – 5 September 2013



LC 2 – 5 September 2013



LC 3 – 5 September 2013



LC 4 –5 September 2013



LC 5 – 5 September 2013



LC 6 – 5 September 2013



GD 1 – 5 September 2013



GD 2 – 5 September 2013



GD 3 – 5 September 2013



GD 4 – 5 September 2013



GD 5 – 5 September 2013



FL 1 – 5 September 2013



FL 2 – 5 September 2013



FL 3 – 5 September 2013



FL 4 – 5 September 2013

Appendix G

Habitat Enhancement Project Monitoring

ECC Habitat Enhancement Project Monitoring

Habitat enhancement projects funded by the ECC are monitored yearly. A standardized form is completed for each site and a photo is taken. This appendix includes a compilation of 2013 monitoring efforts



Alleman Dam Removal

ECC Project Monitoring Form

Project: Alleman Dam Removal

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2010

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

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data: Georgetown Idaho, In the field just north of where West 4th street turns into Narrows road—you can see the red steel hay storage shed that was built next to the project

Fence line(s) Condition:

Structure(s) Condition: Overall good, the drum and screen does not turn correctly especially at lower water flows. Bearings may be bad, noise coming from left side when it turns.

Visual Water Inspection: (quality and flow) good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:

Fish visible throughout the project



Bunderson Fish Bypass

ECC Project Monitoring Form

Project: Max Bunderson Irrigation
Structure Fish Bypass

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2010

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

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data:

N 42 13' 45.5"

W 111 22' 13.5"

Fence line(s) Condition:

Structure(s) Condition: Good condition, working

Visual Water Inspection: (quality and flow) Good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

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

Wildlife Observations:



Roy Bunderson Irrigation Structure

ECC Project Monitoring Form

Project: Roy Bunderson **Date:** 9-24-2013 **Observer(s):** Bryan Westerberg
Irrigation Structure

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

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

Location and Baseline Data:
N 42 13' 30.1"
W 111 22' 28.1"

Fence line(s) Condition:

Structure(s) Condition: Good

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)
• Flow good/quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations: Lots of fish in Cottonwood Creek



Whiskey Creek Habitat Restoration

ECC Project Monitoring Form

Project: Whiskey Creek Habitat
Restoration

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2010

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

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data:

East of Highway 34 where highway crosses Whiskey Creek

Fence line(s) Condition:

Structure(s) Condition:

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

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

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:

Several ducks, pheasant



Oneida Narrows Riparian Protection

ECC Project Monitoring Form

Project: Oneida Narrows Riparian Protection **Date:** 9-24-2013 **Observer(s):** Bryan Westerberg

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

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

Location and Baseline Data:
N 42.2125
W 111. 7807 Across from Oneida narrows boater take out

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

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

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Alexander North Planting Location



North Location



Alexander South Planting Location



South Location

ECC Project Monitoring Form

Project: Alexander Shrub Plantings

Date: 9-17-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2009

Native shrub planting in Alexander Reservoir shoreline buffer

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data:

Two Locations N 42 39' 08.7" W 111 40' 19.7" N 42 38' 57.3" W 111 39' 30.7"

Around the peninsula and east side reservoir

Fence line(s) Condition:

Structure(s) Condition:

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

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations: Geese



Midnight Mountain

ECC Project Monitoring Form

Project: Midnight Mtn. **Date:** 9-27-13 **Observer(s):** Bryan Westerberg
Fencing

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

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

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

Fence line(s) Condition: Did not visit the site this season, but spoke to Forest Service-fence in good condition.

Structure(s) Condition:

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Kackley Springs Fish Trap

ECC Project Monitoring Form

Project: Kackley Springs Fish
Trap

Date: 9-24-13

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2010

Design and build a structure to exclude nonnative fish from Kackley Springs

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data:

N 42 .5225

W 111. 796 Located where Kackley springs merges with the Bear River below Grace operation area

Fence line(s) Condition:

Structure(s) Condition: Good condition

Success of Reclamation Efforts: good, seeded areas have reestablished

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

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:

Fish visible around trap, signs of beaver



Kackley Springs Reroute

ECC Project Monitoring Form

Project: Kackley Springs Reroute

Date: 9-24-13

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2009

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

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data: Just south of Grace operations and power plant.

Fence line(s) Condition:

Structure(s) Condition:

Success of Reclamation Efforts: Looks great, grasses reestablishing, native veg good, willow growth—new work around pound area—looks good

Visual Water Inspection: (quality and flow)

Flow is good, quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Stop Aquatic Hitchhikers!

CLEAN, DRAIN, DRY.

Watercraft must have an Idaho Invasive Species Sticker to launch.



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ECC Project Monitoring Form

Project: Aquatic Nuisance signs

Date: 9-15-13

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2009

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

Initial Monitor Date:

Project Finish Date: 2009

Location and Baseline Data:

PacifiCorp boating ramps and rec sites along the Bear River

Fence line(s) Condition:

Structure(s) Condition: Signs good, some are somewhat weathered, but still readable

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage: Signs good, present

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Keetch Fish Screen

ECC Project Monitoring Form

Project: Keetch Fish Screen

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2005

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

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

W-111.2884

N42.2517

Fence line(s) Condition:

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

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Bailey Creek Fencing

ECC Project Monitoring Form

Project: Bailey Creek Fencing

Date: 9-27-13

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2010

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

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data:

W-111.6003

N42.5595

Trailhead is located along old Oregon Road in the Bailey Creek subdivision-fencing is about 3 miles up ATV trail

Fence line(s) Condition: Good condition, no cattle present

Structure(s) Condition:

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:

Mule deer, grouse



Battle and Mink Creek

ECC Project Monitoring Form

Project: Battle and Mink Creek

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2010

Relocate six corrals from the Battle and Mink Creek watersheds

Initial Monitor Date:

Project Finish Date: 2010

Location and Baseline Data:

N 42° 12' 18.3"

W111° 45' 35.6"

Fence line(s) Condition:

Structure(s) Condition: good condition

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Bailey Creek Culvert

ECC Project Monitoring Form

Project: Bailey Creek Culvert

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2007

- Culvert replacement to remove aquatic barrier

Initial Monitor Date:

Project Finish Date: 2008/ Lower culvert not complete

Location and Baseline Data:

- Bailey Creek Road

Fence line(s) Condition:

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

- Structure in good condition, bridge good condition

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

- Flow is good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Laurie Harris

ECC Project Monitoring Form

Project: Laurie Harris Spring

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2007

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

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Laurie Harris, 667 Gentile Road, Grace, Idaho

Fence line(s) Condition:

- Good working condition

Structure(s) Condition: (diversions, fish screens, buildings) work performed on spring boxes

Vegetation and Success of Reclamation Efforts:

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

Visual Water Inspection: (quality and flow)

- Water quality improving

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Trout Creek

ECC Project Monitoring Form

Project: Trout Creek Restoration **Date:** 9-24-2013 **Observer(s):** Bryan Westerberg

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

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

Location and Baseline Data:

-111.7019 42.4596
Lago Rd

Fence line(s) Condition:

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

Vegetation and Success of Reclamation Efforts:

- Vegetation in good condition

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:

- Lots of fish in Trout Creek



Whiskey Creek

ECC Project Monitoring Form

Project: Whiskey Creek

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Stream reclamation /reroute channel

Project Start Date: 2008

Initial Monitor Date:

Project Finish Date: 2009

Location and Baseline Data:

Fence line(s) Condition:

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

Good condition

Success of Reclamation Efforts:

Good condition

Visual Water Inspection: (quality and flow)

good

Road and /or Trail Condition:

Good

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Lower Trout Creek

ECC Project Monitoring Form

Project: Lower Trout Creek Restoration

Date:10-12-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Reclamation of Trout Creek

Project Start Date: 2011

Initial Monitor Date:

Project Finish Date: 2012

Location and Baseline Data:

-111.7019 42.4596

Lago Rd

Fence line(s) Condition:

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

Vegetation and Success of Reclamation Efforts:

- Vegetation in good condition

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Bunderson Barn



Bunderson Fence

ECC Project Monitoring Form

Project: Bunderson **Date:** 10-16-2013 **Observer(s):** Bryan Westerberg

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

- Move calving barn/fence stream bank

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

Location and Baseline Data:

- N42 .2304 W111 .3673

Fence line(s) Condition:

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

- Barn and fence good condition

Vegetation and Success of Reclamation Efforts:

- Vegetation is good

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Nounan Road Crossing

ECC Project Monitoring Form

Project: Nounan Road Crossing
of Skinner Creek

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2006

- Culvert replacement and stream reclamation

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Skinner Road, Montpelier, Idaho

Fence line(s) Condition:

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

- Good condition

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



McGregor Fencing

ECC Project Monitoring Form

Project: McGregor Fence

Date: 9-24-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Riparian Fence on Bear River

Project Start Date: 2005

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Craig McGregor Thatcher Idaho

Fence line(s) Condition:

- Good working condition

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

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Alleman Lower Diversion Screening

ECC Project Monitoring Form

Project: Alleman Lower Diversion Screening **Date:** 9-27-2013 **Observer(s):** Bryan Westerberg

Project Description and Photo Point:

- Retrofit diversion for passage and screen

Project Start Date: 2006

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- 280 Skinner Rd. Montpelier Idaho

Fence line(s) Condition:

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

- Good condition

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Skinner Creek

ECC Project Monitoring Form

Project: Skinner Creek
Bryan Westerberg

Date: 9-27-2013

Observer(s):

Project Description and Photo Point:

- Move feedlot off creek and stream restoration

Project Start Date: 2005

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- 280 Skinner Canyon Rd Montpelier Idaho

Fence line(s) Condition:

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

Vegetation and/Success of Reclamation Efforts:

- Good condition

Visual Water Inspection: (quality and flow)

- Good quality

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Cove Bypass Fence

ECC Project Monitoring Form

Project: Cove Bypass Fence

Date: 10-18-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date:

Initial Monitor Date:

Project Finish Date:

Location and Baseline Data:

Fence line(s) Condition:

Good,, some repairs done

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

Good condition

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Mathews Restoration

ECC Project Monitoring Form

Project: Mathews Restoration **Date:** 10-24-2013 **Observer(s):** Bryan Westerberg

Project Description and Photo Point: **Project Start Date:** 2006

- Bank stabilization along Bear River and fencing of Bear River

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

Location and Baseline Data:

- Thatcher, Idaho

Fence line(s) Condition:

Fence is good Condition

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

Success of Reclamation Efforts: Looks Good

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Ovid Corral Relocation

ECC Project Monitoring Form

Project: Ovid Corral Relocation **Date:** 10-25-2013 **Observer(s):** Bryan Westerberg

Project Description and Photo Point: **Project Start Date:** 2011

- Relocate corral off of waterway

Initial Monitor Date: **Project Finish Date:** 2013

Location and Baseline Data:

- Landark Rd Ovid, Idaho

Fence line(s) Condition:

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

- Good condition

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

- Quality good

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #1

ECC Project Monitoring Form

Project: Eightmile Canyon #1

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2007

- Realign trail 332 out of riparian area

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon

Fence line(s) Condition:

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

Success of Reclamation Efforts:

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

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

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

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #2

ECC Project Monitoring Form

Project: Eightmile Canyon #2

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Close/Obliterate road out of riparian area

Project Start Date: 2007

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon

Fence line(s) Condition:

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

- Road still closed/no use

Success of Reclamation Efforts:

- Good/Protected area recovering

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #3

ECC Project Monitoring Form

Project: Eightmile Canyon #3

Date:9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date:2007

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

Initial Monitor Date:

Project Finish Date:2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon/Several locations

Fence line(s) Condition:

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

- Boulders still in place

Success of Reclamation Efforts:

- Good condition/protected area recovering

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #4

ECC Project Monitoring Form

Project: Eightmile Canyon #4

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Close/Obliterate Road

Project Start Date: 2007

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon

Fence line(s) Condition:

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

Vegetation and Success of Reclamation Efforts:

- Old road is reclaiming well/good condition

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #5
Bridge #1



Eightmile Canyon #5
Bridge #2

G-64

ECC Project Monitoring Form

Project: Eightmile Canyon #5

Date:9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date:2007

- Two bridges on Trail #317

Initial Monitor Date:

Project Finish Date:2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon Road

Fence line(s) Condition:

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

- Bridges in good working order

Success of Reclamation Efforts:

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #6

ECC Project Monitoring Form

Project: Eightmile Canyon #6

Date:9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Close 0.6-mile user-defined route

Project Start Date:2007

Initial Monitor Date:

Project Finish Date:2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon Road

Fence line(s) Condition:

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

Success of Reclamation Efforts:

Closed, looks good

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #7

ECC Project Monitoring Form

Project: Eightmile Canyon #7

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2007

- Close 0.3-mile user-defined route

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

- Caribou National Forest/Eightmile Canyon Road

Fence line(s) Condition:

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

Success of Reclamation Efforts: Closed, good condition

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #8

ECC Project Monitoring Form

Project: Eightmile Canyon #8

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Eightmile Canyon/Caribou National Forest

Project Start Date: 2007

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

Fence line(s) Condition:

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

- Road still closed

Success of Reclamation Efforts:

- Good condition

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #9

ECC Project Monitoring Form

Project: Eightmile Canyon #9

Date:9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

- Close/Obliterate trail

Project Start Date:2007

Initial Monitor Date:

Project Finish Date:2008

Location and Baseline Data:

Fence line(s) Condition:

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

Success of Reclamation Efforts:

- Good overall condition

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

Wildlife Observations:



Eightmile Canyon #10

ECC Project Monitoring Form

Project: Eightmile Canyon #10

Date: 9-27-2013

Observer(s): Bryan Westerberg

Project Description and Photo Point:

Project Start Date: 2007

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

Initial Monitor Date:

Project Finish Date: 2008

Location and Baseline Data:

Fence line(s) Condition:

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

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

Success of Reclamation Efforts:

Good

Visual Water Inspection: (quality and flow)

Road and /or Trail Condition:

Signage:

Agricultural Uses:

Problems or trespass, and any necessary corrective actions:

ECC Project Monitoring Form

Cub River

Project: Knapp Fish Screen Date: 12-6-13

Observer(s): Ferrell

Project Description and Photo Point:

Project Start Date:

Irrigation screen to limit fish entrainment.

Initial Monitor Date:

Project Finish Date:

Location and Baseline Data: (NAD83) 12T 436740 4657563

Two electric powered drums.

Fence line(s) Condition:

N/A

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

Decent working condition.

Success of Reclamation Efforts:

N/A

Visual Water Inspection (quality and flow):

N/A

Road and /or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

Main bearings on this screen have went out, and sense been replaced.

ECC Project Monitoring Form

Georgetown Ch.

Project:
Allerman Lower

Date: 12-6-13

Observer(s):
Ferrell

Project Description and Photo Point:
Irrigation screen to limit
fish entrainment.

Project Start Date:

Initial Monitor Date:

Project Finish Date:

Location and Baseline Data: (NAD 83) 12T 468876 4702717

Internal water wheel ran drum screen.

Fence line(s) Condition:

N/A

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

Condition is very good, function is poor.

Success of Reclamation Efforts:

N/A

Visual Water Inspection (quality and flow):

N/A

Road and/or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

The design of this screen works very poorly with this location. Mainly due to the fact that this irrigator takes 100% flow during times of low flow causing this screen to be inoperable. Suggested corrective action would be to completely replace with a different design of screen.

ECC Project Monitoring Form

Cottonwood Cr.

Project: Lower Cottonwood Diversion

Date: 12-6-13

Observer(s):

Ferrell

Project Description and Photo Point:

Project Start Date:

Irrigation screen to prevent fish entrainment.

Initial Monitor Date:

Project Finish Date:

Location and Baseline Data: (NAD 83) 12T 0436234 4686935

Water wheel driven single drum.

Fence line(s) Condition:

N/A

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

Good working condition.

Success of Reclamation Efforts:

N/A

Visual Water Inspection (quality and flow):

N/A

Road and /or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

Water wheel won't turn during times of low flow. Corrective action, possible water wheel modification.

ECC Project Monitoring Form

Cub River

Project: Sharp Fish Screen Date: 12-6-13 Observer(s): Ferrell

Project Description and Photo Point: Irrigation screen to limit fish entrainment. Project Start Date:

Initial Monitor Date: Project Finish Date:

Location and Baseline Data: (NAD 83) 12T 439748 4661532

Four electric powered drums.

Fence line(s) Condition:

N/A

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

Currently good working condition.

Success of Reclamation Efforts:

N/A

Visual Water Inspection (quality and flow):

N/A

Road and/or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

One of the electric motors went out and has sense been replaced.

ECC Project Monitoring Form

Cub River

Project: Albert Moser Screen Date: 12-6-13

Observer(s): Ferrell

Project Description and Photo Point:
Irrigation screen to limit
fish entrainment.

Project Start Date:

Initial Monitor Date:

Project Finish Date:

Location and Baseline Data: (NAD 83) 12T 0442563 4665374

Four water wheel powered drum screens.

Fence line(s) Condition:

N/A

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

Decent working condition.

Success of Reclamation Efforts:

N/A

Visual Water Inspection (quality and flow):

N/A

Road and /or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

A design flaw in the concrete structure causes debris to get caught in the chains that drive the drum screens. Causing the chains to be thrown off the sprocket. We are currently in the process of coming up with a solution to this problem. Both drive gearboxes experienced major mechanical failure and have sense been replaced. Also the bypass tube needs to have some type of headgate to control the water flow through the tube itself.

ECC Project Monitoring Form

Project: **Cub River Fish Ladder** Date: **12-6-13** Observer(s): **Ryan Hillyard**

Project Description and Photo Point: **Series of Rock step pools to facilitate upstream fish movement.** Project Start Date:

Initial Monitor Date: Project Finish Date:

Location and Baseline Data: **(NAD83) 12T 436744 4657525**

Rock weirs

Fence line(s) Condition:

N/A

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

Good

Success of Reclamation Efforts:

N/A

Visual Water Inspection (quality and flow):

N/A

Road and /or Trail Condition:

N/A

Signage:

N/A

Agricultural Uses:

N/A

Problems or trespass, and any necessary corrective actions:

None



North Hoops Fish Screen

ECC Project Monitoring Form

North Hoops Fish Screen Dec 2, 2013

Project: **Date:** **Observer(s):** Cary Myler
Installed fish screen after installation

Project Description and Photo Point: **Project Start Date:** April 2012

Initial Monitor Date: **Project Finish Date:** Oct 2012

Location and Baseline Data:

North Hoops Creek

Fence line(s) Condition: NA

Structure(s) Condition (diversions, fish screens, buildings): Excellent condition!

Success of Reclamation Efforts: The screen has functioned properly throughout the past irrigation season. The landowner is doing maintenance on the screen himself which has been minimal. The project is a huge success!

Visual Water Inspection (quality and flow): NA

Road and /or Trail Condition: NA

Signage: NA

Agricultural Uses: NA

Problems or trespass, and any necessary corrective actions: The landowner is very happy with this screen design. The screen that we installed is functioning perfectly. However, the landowner has two other fish screens on his property (Goby bubblers). He says that they function except for any fish 3" or smaller. He said that there are hundreds of small fish in the diversion that are lost to entrainment. This landowner tries to salvage these entrained fish from time to time. We may want to consider installing IDFG screens. This is a great landowner and pure strain genetic BCT fish, plus this landowner has a track record for completing his own screen maintenance. Something to discuss for priorities in the ECC.

Appendix H

2014 Implementation Schedule

Table H-1. Bear River Hydroelectric Project - 2014 Implementation Schedule						
License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 401	2013 Annual Report	Report in consultation with ECC	1-Jan-05	22-Dec-33	1-March-14	Includes results of studies/monitoring, description of anticipated activities, report of funding accounts, and compliance with operational requirements. Draft report to ECC for 30-day review prior to FERC submittal.
Art. 402	ECC participation/oversight	1 FTE and normal administration	1-Jan-05	22-Dec-33	Ongoing	Provide admin support, point of contact for ECC, some grant writing, attempt to identify willing landowners, apply for permits as necessary for actions; annual report and grant fund administration.
Art. 403	Bonneville Cutthroat Trout (BCT) Restoration Plan	Restoration Plan in Consultation with ECC	1-Jan-07	1-Nov-08	23-Dec-08	This project was completed in 2008.
Art. 403	Genetic Sampling Study	Bonneville Cutthroat Trout genetic data collection and analysis	1-Sep-04	22-Dec-11	1-Sep-07	This project was completed in 2007.
Art. 403	Aerial Photography	Thermal images of Bear River	1-Jun-05	22-Dec-11	27-Jan-07	This project was completed in 2007.
Art. 403	Telemetry Study	Bonneville Cutthroat Trout Telemetry Report	1-May-05	22-Dec-11	11-Feb-09	This project was completed in 2009.
Art. 403	Broodstock Development	Develop a Bonneville cutthroat trout broodstock at the Grace Hatchery in Grace Idaho.	22-Dec-08	22-Dec-10	22-Dec-10	This project was completed in 2010.
Art. 404	Conservation Hatchery Program	Fund Bonneville cutthroat trout hatchery operations	22-Dec-10	22-Dec-33	22-Dec-14	\$100K/yr, for remaining term of license; funds may also be used for habitat restoration, land & water, or fish passage; may carry over to subsequent years.

Table H-1. Bear River Hydroelectric Project - 2014 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-14	\$167K/yr; funds may also be used for land and water acquisition or fish passage; may carry over to subsequent years. Annual grant cycle begins with release of funding flyer in January. Projects are typically ranked at March subcommittee meeting and approved at April ECC meeting.
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-14	\$300K/yr; funds may also be used for habitat restoration or fish passage; may carry over to subsequent years. Funds may only be used for habitat restoration on lands acquired under this fund or for fish passage if it is for one of the PacifiCorp facilities and fish passage is prescribed by USFWS. Ongoing grant cycle throughout year.
Art. 407	Monitoring in Black Canyon	Funding for surveys, studies, reports, six-year study term	1-Apr-05	1-Apr-11	2-May-11	This project was completed in 2011.
Art. 408 (Grace MSF modified by Cove Decommissioning Order)	Implement minimum flows	Documented annually to the FERC	2-Dec-05	22-Dec-33	1-March-14	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	31-March-14	Consult annually (prior to April 1) 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	Continued suspension of Art. 409 Fish Stranding Minimization Plan was confirmed by FERC on October 17, 2012, in an issuance that confirmed that PacifiCorp had complied with Ordering paragraph (b) of FERC's June 3, 2011, Order Approving Suspension of the Fish Stranding Minimization Plan.

Table H-1. Bear River Hydroelectric Project - 2014 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 in the annual report.	22-Dec-04	22-Dec-33	1-Mar-2014	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. Black Canyon Boater Flow – 1 ft/hr on the descending arm.
Art. 413	Water quality monitoring and reporting	Bear River Project 401 Clean Water Act Certification.	1-May-04	30-Sep-09	1-Mar-09	IDEQ accepted the Oneida water quality study and supplemental analysis as indicating no significant project contributions to exceedances of water quality criteria. This project was completed in 2009.
Art. 415	Operations and Compliance Plan Implementation	Documented annually to the FERC	22-Dec-04	22-Dec-33	1-March-14	On-going; provides proper functioning equipment used to meet minimum flow and ramping requirements, reporting requirements, and reasonable tolerances.
Art. 415	Operations and Compliance Plan	Document changes/updates	1- Oct-05	28-Feb-06	Ongoing	Updated plan submitted to FERC 6.20.2013 waiting for approval to implement revised plan.
Art. 416	Oneida campground funding	Reimbursement to BLM	1-May-05	22-Dec-33	1-Oct-14	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-14	Annual \$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-14	Annually replace or repair traffic signs along the Oneida road (\$1K).
Art. 417	Oneida Road Improvements	Complete Road Work	1-Aug-06	1-Jul-07	1-Oct-08	This project was completed in 2008.

Table H-1. Bear River Hydroelectric Project - 2014 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-14	Annual \$3K funding to law enforcement agency and use of company's radio frequency, does not carry over.
Art. 417	Dust abatement	Dust Abatement	1-May-05	22-Dec-33	Summer-14	Twice annually, on the Oneida Project road 100 ft. on either side of Maple Grove and Redpoint Campgrounds.
Art. 418	Grace Spill Gate	Gates installed and functioning	1-Apr-06	22-Dec-33	1-Oct-08	This project was completed in 2008.
Art.419	Whitewater flows in Black Canyon	Documentation in Annual Report	1-May-05	22-Dec-33	1--Mar-14	Report on whitewater releases based on available water; Years 2-4, "Opportunistic Releases" only; Years 5-7, "Scheduled Releases; Years 8-License term, revised program will be reported on per Boater Flow Agreement approved by ECC and FERC in 2012.
401 Cert.	Oneida Operations Report	Annual Report to IDEQ	30-Nov-05	30-Nov-33	30-Nov-14	Record of water releases for power, irrigation, or flood control. Submit to IDEQ
Art. 420	Boatable flows in Oneida reach	Documentation in annual report	1-May-05	22-Dec-33	Ongoing	With available water, target is 900 cfs below powerhouse between Memorial Day and Labor Day.
Art. 421	Black Canyon Boatable flow release schedule	Develop annual schedule and submit to FERC.	5-Mar-08	22-Dec-33	20-March-14	Starting in 2012, all releases will be scheduled between April 1 and June 5. Four weekend releases to be scheduled: three two- day events and one three-day event. Schedule to be coordinated between American Whitewater, PacifiCorp and ECC.

Table H-1. Bear River Hydroelectric Project - 2014 Implementation Schedule						
License Article	Action	Deliverable	Start Date	End Date	Next Deliverable Date	Comments
Art. 422	Flow Phone and website	Maintain website, flow phone and prepare annual schedule of whitewater flows.	1-May-05	22-Dec-33	Ongoing	Website will present whitewater calendar dates; flows for current and prior 6 days in hourly averages, and 7-day forecast; gages linked to Flow Phone (daily) and website (4-hr intervals). Whitewater release calendar posting will be reported on website.
Art. 423	Protect historical resources	Continue to implement Interpretation and Education Plan and annual site monitoring.	2-Jan-05	22-Dec-33	22-Jan-14	FERC Order approving HPMP was received in 2008. Implementation of plan to be reported annually to FERC prior to January 22 of each year.
Art. 424 and 425	Land Management	Land Management Plan and Site Plan implementation. Monitoring of all lands and noxious weed control. Finish removal of interior fences.	2-Jan-05	22-Dec-33	Ongoing	Site Plans developed in consultation with the ECC; buffer zone management through modified leases. Maintenance of exclusion fences, treatment of noxious weeds and monitoring of user or trespass impacts. Updated LMP submitted to FERC in 2012 with the annual report, waiting for approval to implement.
Art. 426	Fencing in Cove Bypass Reach	Fences	1-Apr-05	22-Dec-33	Initial construction complete (Maintenance on-going).	Fencing of selected riparian areas in Cove bypass reach, while allowing landowners to exercise stock watering rights. This project is complete. Maintenance of fences to be completed by PacifiCorp through life of license.
Art. 428	Interests in project lands	Report to FERC	22-Dec-04	22-Dec-33	31-Jan-14	Annually file with FERC a report of any easement or rights-of-way granted in the previous year no later than January 31. Sixty days before conveying any interest in project lands a letter must be submitted to FERC.
Art. 429	Report on Cove Decommissioning Expenses	Report to ECC and FERC	5/1/2006	3/31/2007	Complete	This requirement was completed in 2007.

