

Federal Energy Regulatory Commission
Washington, DC 20426
April 22, 2011

OFFICE OF ENERGY PROJECTS

Project No. 308-005 – Oregon
Wallowa Falls Hydroelectric Project
PacifiCorp Energy

Subject: Scoping Document 1 for Wallowa Falls Hydroelectric Project, P-308

To the Party Addressed:

The Federal Energy Regulatory Commission (Commission) is currently reviewing the Pre-Application Document submitted by PacifiCorp Energy (PacifiCorp) for relicensing the Wallowa Falls Hydroelectric Project (project) (FERC No. 308). The project is located on the East and West Forks of the Wallowa River and Royal Purple Creek in Wallowa County, Oregon. Portions of the project occupy lands of the Wallowa-Whitman National Forest; additional lands within the project boundary are under ownership by PacifiCorp.

Pursuant to the National Environmental Policy Act (NEPA) of 1969, as amended, Commission staff intends to prepare an environmental assessment (EA), which will be used by the Commission to determine whether, and under what conditions, to issue a new license for the project. To support and assist our environmental review, we are beginning the public scoping process to ensure that all pertinent issues are identified and analyzed, and that the EA is thorough and balanced.

We invite your participation in the scoping process, and are circulating the attached Scoping Document 1 (SD1) to provide you with information on the project. We are also soliciting your comments and suggestions on our preliminary list of issues and alternatives to be addressed in the EA. We are also requesting that you identify any studies that would help provide a framework for collecting pertinent information on the resource areas under consideration necessary for the Commission to prepare the EA for the project.

We will hold two scoping meetings for the Wallowa Falls Project to receive input on the scope of the EA. Both meetings will be held at the Best Western Rama Inn & Suites, 1200 Highland Avenue, Enterprise, Oregon. A daytime meeting will be held at

10:30 A.M. Pacific Daylight Time on Tuesday May 24, 2011. An evening meeting will be held at 7:00 P.M. Pacific Daylight Time on Tuesday May 24, 2011.

We invite all interested agencies, Indian tribes, non-governmental organizations, and individuals to attend one or all of these meetings. Further information on our scoping meetings is available in the enclosed SD1.

SD1 is being distributed to both PacifiCorp's distribution list and the Commission's official mailing list (see section 9.0 of the attached SD1). If you wish to be added to or removed from the Commission's official mailing list, please send your request by mail to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Room 1A, Washington, DC 20426. All written requests must specify your wish to be removed from or added to the mailing list and must clearly identify the following on the first page: **Wallowa Falls Hydroelectric Project No. 308-005**.

Please review the SD1 and, if you wish to provide comments, follow the instructions in section 6.0, *Request for Information and Studies*. If you have any questions about SD1, the scoping process, or how Commission staff will develop the EA for this project, please contact Matt Cutlip at (503) 552-2762 or matt.cutlip@ferc.gov. Additional information about the Commission's licensing process and the Wallowa Falls Project may be obtained from our website, www.ferc.gov, or PacifiCorp's licensing website, pacificorp.com/wallowafalls.

Enclosure: Scoping Document 1

cc: Mailing List
Public Files

SCOPING DOCUMENT 1
WALLOWA FALLS HYDROELECTRIC PROJECT

OREGON

PROJECT NO. 308-005

Federal Energy Regulatory Commission
Office of Energy Projects
Division of Hydropower Licensing
Washington, DC

April 2011

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SCOPING DOCUMENT 1

Wallowa Falls Hydroelectric Project, No. 308-005

1.0 INTRODUCTION

The Federal Energy Regulatory Commission (Commission or FERC), under the authority of the Federal Power Act (FPA),¹ may issue licenses for terms ranging from 30 to 50 years for the construction, operation, and maintenance of non-federal hydroelectric projects. On February 23, 2011, PacifiCorp Energy (PacifiCorp) filed a Pre-Application Document (PAD) and Notice of Intent to seek a new license for the Wallowa Falls Hydroelectric Project (Wallowa Falls Project or project) (FERC Project No. 308).²

The Wallowa Falls Project is located approximately seven miles south of the town of Joseph on the East and West Forks of the Wallowa River and Royal Purple Creek in Wallowa County, Oregon (figure 1). Portions of the project occupy lands of the Wallowa-Whitman National Forest; additional lands within the project boundary are owned by PacifiCorp.

The project is operated in run-of-river mode and utilizes one turbine to generate up to 1.1 megawatts (MW). The average annual generation of the project is 7,000,000 kilowatt-hours (kWh). A detailed description of the project is provided in section 3.0.

The National Environmental Policy Act (NEPA) of 1969,³ the Commission's regulations, and other applicable laws require that we independently evaluate the environmental effects of relicensing the Wallowa Falls Project as proposed, and also consider reasonable alternatives to the licensee's proposed action. At this time, we intend to prepare an environmental assessment (EA) that describes and evaluates the probable

¹ 16 U.S.C. § 791(a)-825(r).

² The current license was issued on August 28, 1986, for a period of 30 years and expires on February 28, 2016.

³ National Environmental Policy Act of 1969, as amended (Pub. L. 91-190. 42 U.S.C. § 4321-4347, January 1, 1970, as amended by Pub. L. 94-52, July 3, 1975, Pub. L. 94-83, August 9, 1975, and Pub. L. 97-258, § 4(b), Sept. 13, 1982).

effects, including an assessment of the site-specific and cumulative effects, if any, of the proposed action and alternatives. The EA preparation will be supported by a scoping

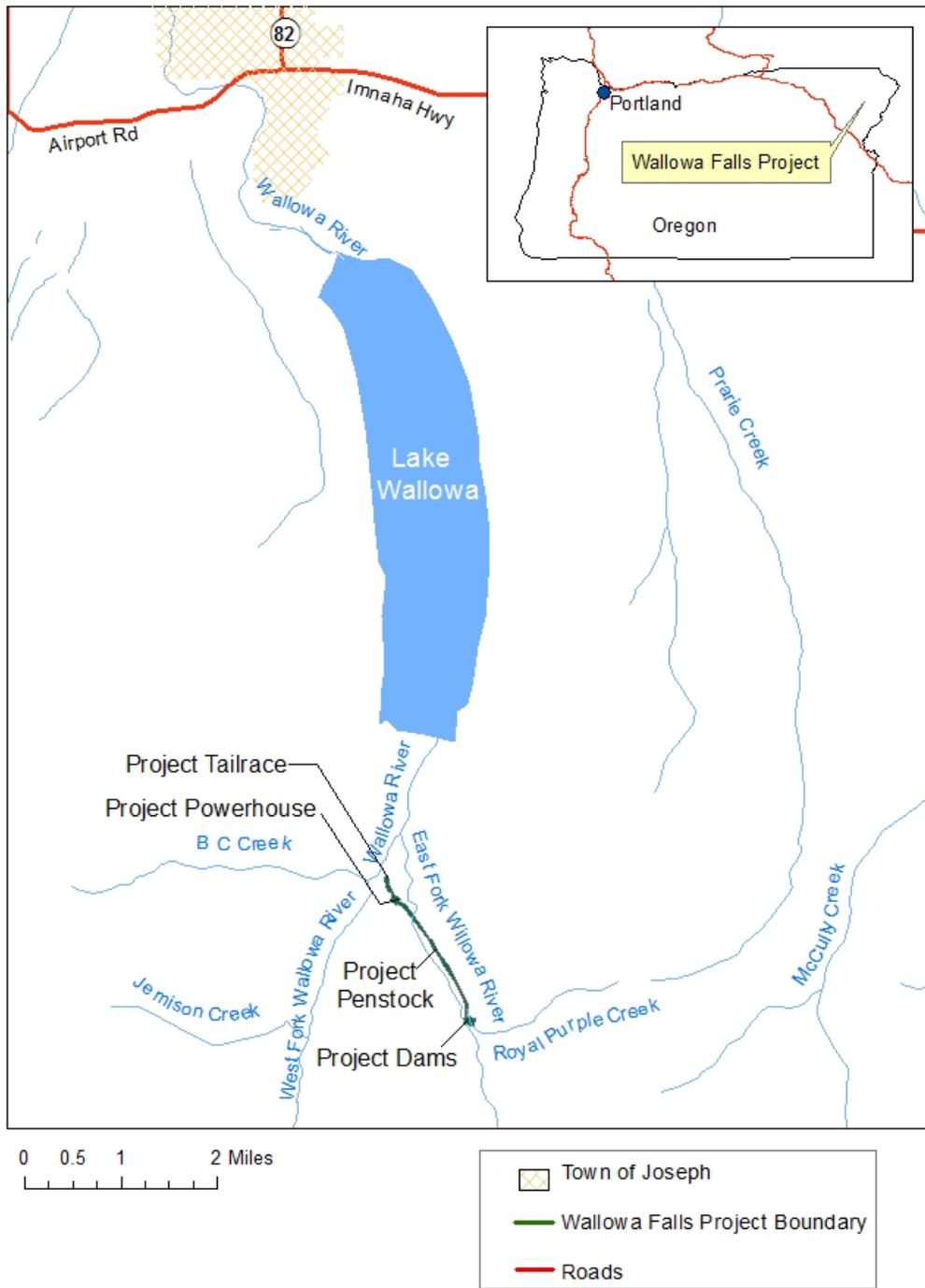


Figure 1. Location of the Wallowa Falls Project (Source: License application and staff).

process to ensure identification and analysis of all pertinent issues. Although our current intent is to prepare a single EA, there is a possibility that an environmental impact statement (EIS) will be required. The scoping process will satisfy the NEPA scoping requirements, irrespective of whether the Commission issues an EA or an EIS.

2.0 SCOPING

This Scoping Document 1 (SD1) is intended to advise all participants as to the proposed scope of the EA and to seek additional information pertinent to this analysis. This document contains: (1) a description of the scoping process and schedule for the development of the EA; (2) a description of the proposed action and alternatives; (3) a preliminary identification of environmental issues and proposed studies; (4) a request for comments and information; (5) a proposed EA outline; and (6) a preliminary list of comprehensive plans that are applicable to the project.

2.1 PURPOSES OF SCOPING

Scoping is the process used to identify issues, concerns, and opportunities for enhancement or mitigation associated with a proposed action. According to NEPA, the process should be conducted early in the planning stage of the project. The purposes of the scoping process are as follows:

- invite participation of federal, state and local resource agencies, Indian tribes, non-governmental organizations (NGOs), and the public to identify significant environmental and socioeconomic issues related to the proposed project;
- determine the resource issues, depth of analysis, and significance of issues to be addressed in the EA;
- identify how the project would or would not contribute to cumulative effects in the project area;
- identify reasonable alternatives to the proposed action that should be evaluated in the EA;
- solicit, from participants, available information on the resources at issue, including existing information and study needs; and
- determine the resource areas and potential issues that do not require detailed analysis during review of the project.

2.2 COMMENTS AND SCOPING MEETINGS

During preparation of the EA, there will be several opportunities for the resource agencies, Indian tribes, NGOs, and the public to provide input. These opportunities occur:

- during the public scoping process and study plan meetings, when we solicit oral and written comments regarding the scope of issues and analysis for the EA;
- in response to the Commission's notice that the project is ready for environmental analysis; and

In addition to written comments solicited by this SD1, we will hold two public scoping meetings in the vicinity of the project. A daytime meeting will focus on concerns of the resource agencies, NGOs, and Indian tribes, and an evening meeting will focus on receiving input from the public. We invite all interested agencies, Indian tribes, NGOs, and individuals to attend one or both of the meetings to assist us in identifying the scope of environmental issues that should be analyzed in the EA. The times and locations of the meetings are as follows:

Daytime Scoping Meeting

Date and Time: Tuesday, May 24, 2011, 10:30 A.M. (Pacific Daylight Time)
Location: Best Western Rama Inn & Suites, 1200 Highland Avenue,
Enterprise, OR 97828
Phone Number: (541) 426-2000

Evening Scoping Meeting

Date and Time: Tuesday, May 24, 2011, 7:00 P.M. (Pacific Daylight Time)
Location: Best Western Rama Inn & Suites, 1200 Highland Avenue,
Enterprise, OR 97828
Phone Number: (541) 426-2000

The scoping meetings will be recorded by a court reporter, and all statements (verbal and written) will become part of the Commission's public record for the project. Before each meeting, all individuals who attend, especially those who intend to make statements, will be asked to sign in and clearly identify themselves for the record. Interested parties who choose not to speak or who are unable to attend the scoping

meetings may provide written comments and information to the Commission as described in section 6.0. These meetings are posted on the Commission's calendar located on the internet at www.ferc.gov/EventCalendar/EventsList.aspx, along with other related information.

Meeting participants should come prepared to discuss their issues and/or concerns as they pertain to the relicensing of the Wallowa Falls Project. It is advised that participants review the PAD in preparation for the scoping meetings. Copies of the PAD are available for review at the Commission in the Public Reference Room or may be viewed on the Commission's website (www.ferc.gov), using the "eLibrary" link. Enter the docket number, P-308, to access the documents. For assistance, contact FERC Online Support at FERCONlineSupport@ferc.gov or toll free at 1-866-208-3676, or for TTY, (202) 502-8659. A copy of the PAD is also available for inspection and reproduction at the following address: PacifiCorp, 825 N.E. Multnomah, Suite 1500 Portland, OR 97232.

Following the scoping meetings and comment period, all issues raised will be reviewed and decisions made as to the level of analysis needed. If preliminary analysis indicates that any issues presented in this scoping document have little potential for causing significant effects, the issue(s) will be identified and the reasons for not providing a more detailed analysis will be given in the EA.

If we receive no substantive comments on SD1, then we will not prepare a Scoping Document 2 (SD2). Otherwise, we will issue SD2 to address any substantive comments received. The SD2 will be issued for informational purposes only; no response will be required. The EA will address recommendations and input received during the scoping process.

3.0 PROPOSED ACTION AND ALTERNATIVES

In accordance with NEPA, the environmental analysis will consider the following alternatives, at a minimum: (1) the no-action alternative, (2) the applicant's proposed action, and (3) alternatives to the proposed action.

3.1 NO-ACTION ALTERNATIVE

Under the no-action alternative, the Wallowa Falls Project would continue to operate as required by the current project license (i.e., there would be no change to the existing environment). No new environmental protection, mitigation, or enhancement

measures would be implemented. We use this alternative to establish baseline environmental conditions for comparison with other alternatives.

3.1.1 Existing Project Facilities

The Wallowa Falls Project is located in Wallowa County, Oregon, on the East and West Forks of the Wallowa River and Royal Purple Creek. The Project was constructed in 1921 and the original license was issued on June 27, 1924 for a period of 50 years. Two additional licenses were issued by the Commission since that time. The current license was issued on August 28, 1986, for a period of 30 years and expires on February 28, 2016.

The project consists of the following facilities: (1) a 9-foot-long, 2-foot-high concrete diversion dam, having a 1-foot-wide spillway, with a crest elevation of 5,838 feet⁴ on Royal Purple Creek; (2) a 240-foot-long, 8-inch-diameter partially-buried polyvinylchloride (PVC) pipeline discharging flows into the de-silting pond, 200 feet upstream of the East Fork Wallowa River dam; (3) an 18-foot-high, 125-foot-long, buttressed rock-filled timber crib dam with impervious gravel and asphalt core, having a 30-foot-wide spillway, with a crest elevation of 5,795 feet on the East Fork Wallowa River; (4) a 0.2-acre de-silting pond with no usable storage; (5) a 5,688-foot-long steel penstock varying in diameter from 18 inches to 16 inches; (6) a powerhouse containing a single impulse turbine/generating unit with a rated capacity of 1,100 kW; (7) an approximately 100-foot-long tailrace; (8) a 20-foot-long, 7.2-kilovolt (kV) transmission line which connects to Wallowa Falls substation; (9) an access road constructed from the dam to the powerhouse; and (10) appurtenant facilities.

3.1.2 Existing Project Operations

The project is operated as a run-of-river project. The project diverts flows from Royal Purple Creek and the East Fork Wallowa River for power generation. The East Fork dam impounds the East Fork Wallowa River to create a 0.2-acre de-silting pond. A small diversion dam on Royal Purple Creek diverts up to 1 cubic feet per second (cfs) of flow through a partially buried PVC pipeline to the de-silting pond. Up to 16 cfs of water (15 cfs maximum from East Fork Wallowa River and 1 cfs from Royal Purple Creek) enters the steel penstock and flows 5,688 feet to the powerhouse. Water flows through

⁴ All elevations are in mean sea level.

the single impulse turbine and exits the project through a tailrace that discharges flows into the West Fork Wallowa River.

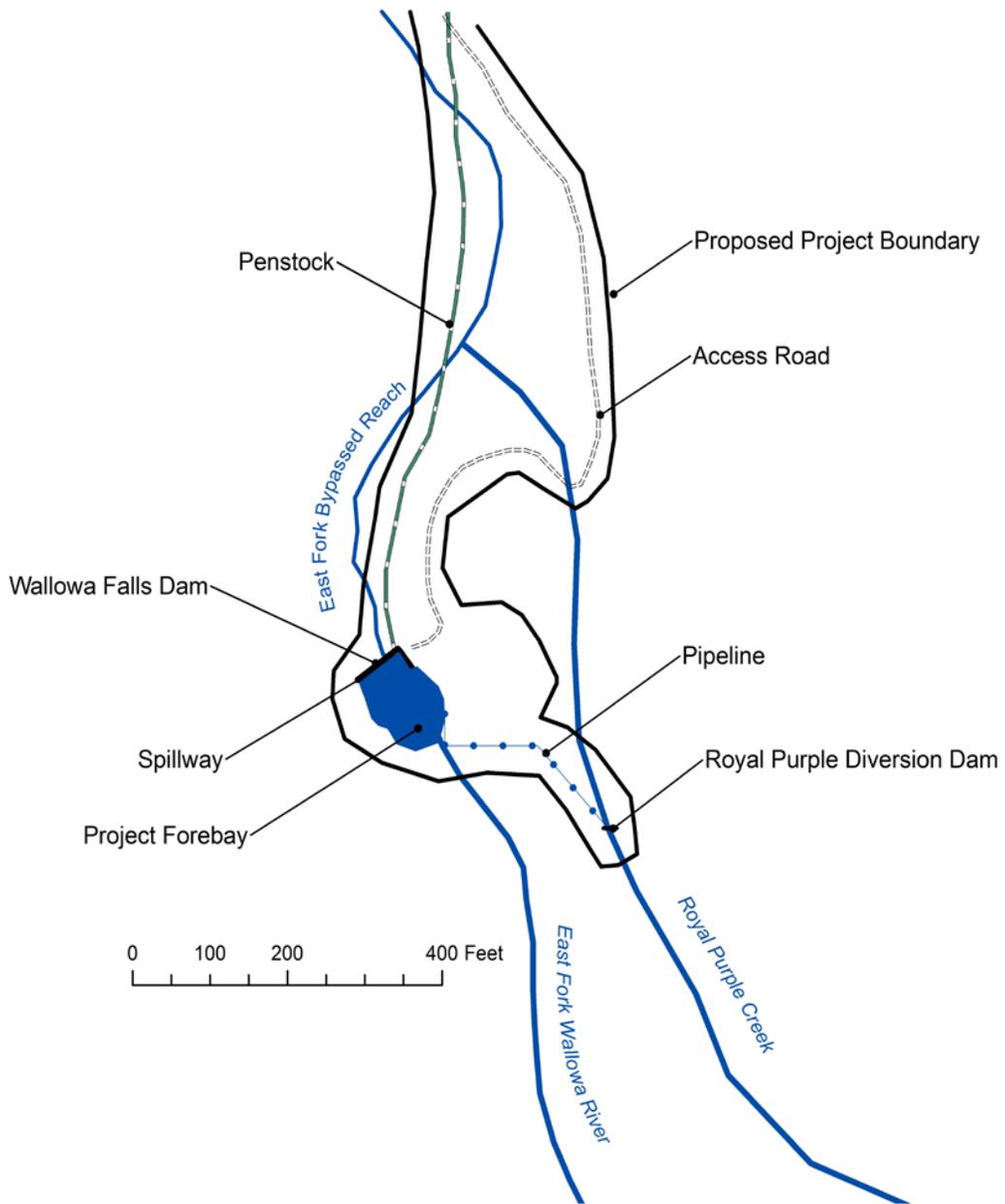


Figure 2. Project facilities for the Wallowa Falls Project (Source: Staff).

The bypassed reach of the East Fork Wallowa River is approximately 1.7-miles-long from the East Fork dam to its confluence with the West Fork Wallowa River. The existing license requires a continuous minimum instream flow release to the bypassed reach of 0.5 cfs or the natural inflow to the reservoir, whichever is less, as measured immediately downstream from the dam. The East Fork dam was rebuilt in 1994 and a low-level outlet pipe was installed in the penstock intake structure to provide the required minimum flow release.

3.2 APPLICANT'S PROPOSAL

The proposed action is to continue to operate and maintain the Wallowa Falls Project. PacifiCorp proposes no new developments or changes in project operation at this point in the licensing process. The current license for the project expires on February 28, 2016.

3.2.1 Proposed Project Facilities and Operations

No new or upgraded facilities, structural changes, or operational changes to the Wallowa Falls Project during the term of the new license are proposed at this time.

3.3 ALTERNATIVES TO THE PROPOSED ACTION

Commission staff will consider and assess all alternative recommendations for operational or facility modifications, as well as PM&E measures identified by the Commission, the agencies, Indian tribes, NGOs, and the public.

3.4 ALTERNATIVES CONSIDERED BUT ELIMINATED FROM DETAILED STUDY

At present, we propose to eliminate the following alternatives from detailed study in the EA.

3.4.1 Federal Government Takeover

In accordance with § 16.14 of the Commission's regulations, a federal department or agency may file a recommendation that the United States exercise its right to take over a hydroelectric power project with a license that is subject to sections 14 and 15 of the

FPA.⁵ We do not consider federal takeover to be a reasonable alternative. Federal takeover of the project would require congressional approval. While that fact alone would not preclude further consideration of this alternative, there is currently no evidence showing that federal takeover should be recommended to Congress. No party has suggested that federal takeover would be appropriate, and no federal agency has expressed interest in operating the project.

3.4.2 Non-power License

A non-power license is a temporary license the Commission would terminate whenever it determines that another governmental agency is authorized and willing to assume regulatory authority and supervision over the lands and facilities covered by the non-power license. At this time, no governmental agency has suggested a willingness or ability to take over the project. No party has sought a non-power license, and we have no basis for concluding that the Wallowa Falls Project should no longer be used to produce power. Thus, we do not consider a non-power license a reasonable alternative to relicensing the project.

3.4.3 Project Decommissioning

Decommissioning of the project could be accomplished with or without dam removal. Either alternative would require denying the relicense application and surrender or termination of the existing license with appropriate conditions. There would be significant costs involved with decommissioning the project and/or removing any project facilities. The project provides a viable, safe, and clean renewable source of power to the region. With decommissioning, the project would no longer be authorized to generate power.

No party has suggested project decommissioning would be appropriate in this case, and we have no basis for recommending it. Thus, we do not consider project decommissioning a reasonable alternative to relicensing the project with appropriate environmental measures.

4.0 SCOPE OF CUMULATIVE EFFECTS AND SITE-SPECIFIC RESOURCE ISSUES

4.1 CUMULATIVE EFFECTS

⁵ 16 U.S.C. §§ 791(a)-825(r).

According to the Council on Environmental Quality's regulations for implementing NEPA (50 C.F.R. 1508.7), a cumulative effect is the effect on the environment that results from the incremental effect of the action when added to other past, present and reasonably foreseeable future actions, regardless of what agency (federal or non-federal) or person undertakes such other actions. Cumulative effects can result from individually minor but collectively significant actions taking place over a period of time, including hydropower and other land and water development activities.

4.1.1 Resources that could be Cumulatively Affected

Based on information in the PAD and preliminary staff analysis, we have not identified any resources that would be cumulatively affected by the project.

4.2 RESOURCE ISSUES

In this section, we present a preliminary list of environmental issues to be addressed in the EA. We identified these issues, which are listed by resource area, by reviewing the PAD and the Commission's record for the Wallowa Falls Project. This list is not intended to be exhaustive or final, but contains those issues raised to date that could have substantial effects. After the scoping process is complete, we will review the list and determine the appropriate level of analysis needed to address each issue in the EA.

4.2.1 Geologic and Soils Resources

- Effects of project operation and maintenance on soil erosion, particularly along the upper portion of the East Fork dam access road.

4.2.2 Aquatic Resources

- Effects of project operations and maintenance on water temperature, dissolved oxygen, total dissolved gas, and turbidity of project waters.
- Effects of project operations and maintenance on available habitat for rainbow trout and bull trout.
- Effects of project operations, specifically unintended ramping, on dewatering of bull trout redds in the powerhouse tailrace channel.

4.2.3 Terrestrial Resources

- Effects of project operations and maintenance on wildlife and botanical resources occurring in the project area.

4.2.4 Threatened and Endangered Species

- Effects of project operation and maintenance on the following threatened and endangered species: bull trout, gray wolf, MacFarlane's four o'clock, and Spalding's catchfly.

4.2.5 Recreation and Land Use

- The adequacy of existing recreation facilities and public access within the project boundary to meet current and future (over the term of a new license) recreational demand.
- Effects of the project on the recreational experience of users accessing the Wallowa-Whitman National Forest and Eagle Cap Wilderness.

4.2.6 Cultural Resources

- Effects of the project on historic properties and traditional cultural properties located within the project Area of Potential Effect.

4.2.7 Aesthetic Resources

- Effects of project facilities and operations on the aesthetic/visual experience of visitors and residents using project lands and waters.

4.2.8 Developmental Resources

- Effects of potential operational changes on the energy and capacity benefits of the project and effects of funding various protection, mitigation, and enhancement measures on the cost of project power.

5.0 PROPOSED STUDIES

Depending upon the findings of studies completed by PacifiCorp and the recommendations of the consulted entities, PacifiCorp will consider, and may propose certain other measures to enhance environmental resources affected by the project as part

of the proposed action. PacifiCorp's initial study proposals are identified by resource area (table 1). Detailed information on PacifiCorp's initial study proposals can be found in the PAD. Further studies may need to be added to this list based on comments provided to the Commission and PacifiCorp from interested participants, including Indian tribes.

Table 1. PacifiCorp's Initial Study Proposals (Source: PAD).

Resource Area and Issue	Proposed Study/Information Need
Aquatic Resources	
<i>Water Quantity</i>	
Project effects on available aquatic habitat for rainbow trout and bull trout in the East Fork bypassed reach	Streamflow gaging data
<i>Water Quality</i>	
Project effects on water quality	Baseline monitoring program for water temperature, dissolved oxygen, and total dissolved gas
<i>Fisheries</i>	
Aquatic macroinvertebrates	Baseline studies of species composition and relative abundance in East Fork bypassed reach and powerhouse tailrace
Rainbow trout and bull trout use of project waters	Baseline snorkel and electrofishing surveys of relative abundance, aquatic habitat use, and species composition in East Fork bypassed reach and powerhouse tailrace.
	PIT-tag study of bull trout movements in the powerhouse tailrace will be attempted if sufficient bull trout are captured.
Aquatic habitat	Aquatic habitat mapping in East Fork bypassed reach and powerhouse tailrace to determine appropriate method for assessing habitat/flow relationships
Terrestrial Resources	
Project effects on wetlands, wildlife, and botanical resources	Vegetation cover-type survey will be conducted to develop a map of vegetation resources within the project area
	Noxious weed survey within the project area

	Riparian areas and wetlands within the project area will be delineated and mapped
	Rare, threatened, endangered, and sensitive plant species survey within the project area
	Wildlife observations will be recorded during surveys for other terrestrial resources
Recreation and Land Use	
Adequacy of existing recreational opportunities at the project and consistency with relevant comprehensive plans	Existing recreational facilities and opportunities assessment in the project area
	Recreation use and needs assessment
	Evaluation of project consistency with existing and planned land uses
Aesthetic Resources	
Effects of project facilities and operations on the aesthetic/visual experience of visitors and residents using project lands and waters.	Inventory of existing aesthetic conditions due to project facilities and operations
	Evaluation of project consistency with existing aesthetic designations, plans, or management objectives
Cultural Resources	
Effects of the project on historic properties and traditional cultural properties located within the project Area of Potential Effect (APE).	Inventory of historic buildings and structures within the project APE
	Pedestrian survey of archaeological sites within the APE
	Traditional cultural properties survey

6.0 REQUEST FOR INFORMATION AND STUDIES

We are asking federal, state, and local resource agencies; Indian tribes; NGOs; and the public to forward to the Commission any information that will assist us in conducting an accurate and thorough analysis of the project-specific and cumulative effects associated with relicensing the Wallowa Falls Project. The types of information requested include, but are not limited to:

- information, quantitative data, or professional opinions that may help define the geographic and temporal scope of the analysis (both site-specific and cumulative effects), and that helps identify significant environmental issues;
- identification of, and information from, any other EA, EIS, or similar environmental study (previous, on-going, or planned) relevant to the proposed relicensing of the Wallowa Falls Project;
- existing information and any data that would help to describe the past and present actions and effects of the project and other developmental activities on environmental and socioeconomic resources;
- information that would help characterize the existing environmental conditions and habitats;
- the identification of any federal, state, or local resource plans, and any future project proposals in the affected resource area (e.g., proposals to construct or operate water treatment facilities, recreation areas, water diversions, timber harvest activities, or fish management programs), along with any implementation schedules);
- documentation that the proposed project would or would not contribute to cumulative adverse or beneficial effects on any resources. Documentation can include, but need not be limited to, how the project would interact with other projects in the area and other developmental activities; study results; resource management policies; and reports from federal and state agencies, local agencies, Indian tribes, NGOs, and the public;
- documentation showing why any resources should be excluded from further study or consideration; and

- study requests by federal and state agencies, local agencies, Indian tribes, NGOs, and the public that would help provide a framework for collecting pertinent information on the resource areas under consideration necessary for the Commission to prepare the EA/EIS for the project.

All requests for studies filed with the Commission must meet the criteria found in Appendix A, *Study Plan Criteria*.

The requested information, comments, and study requests should be submitted to the Commission no later than **June 23, 2011**. All filings must clearly identify the following on the first page: **Wallowa Falls Project (P-308-005)**. Scoping comments may be filed electronically via the Internet. See 18 C.F.R. 385.2001(a)(1)(iii) and the instructions on the Commission's website <http://www.ferc.gov/docs-filing/efiling.asp>. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <http://www.ferc.gov/docs-filing/ecomment.asp>. You must include your name and contact information at the end of your comments. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov or toll free at 1-866-208-3676, or for TTY, (202) 502-8659. Although the Commission strongly encourages electronic filing, documents may also be paper-filed. To paper-file, mail an original and seven copies to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street, NE, Washington, D.C. 20426.

Register online at <http://www.ferc.gov/esubscription.asp> to be notified via email of new filings and issuances related to this or other pending projects. For assistance, please contact FERC Online Support.

Any questions concerning the scoping meetings or how to file written comments with the Commission should be directed to Matt Cutlip at (503) 552-2762 or matt.cutlip@ferc.gov. Additional information about the Commission's licensing process and the Wallowa Falls Project may be obtained from the Commission's website, www.ferc.gov.

7.0 EA PREPARATION SCHEDULE

At this time, we anticipate the need to prepare a single EA. The single EA will be sent to all persons and entities on the Commission's service and mailing lists for the project. The EA will include our recommendations for operating procedures, as well as PM&E measures that should be part of any license issued by the Commission.

The major milestones, including those for preparing the EA, are as follows:

<u>Major Milestone</u>	<u>Target Date</u>
Scoping Meetings	May 2011
License Application Filed	February 2014
Ready for Environmental Analysis Notice Issued	April 2014
Deadline for Filing Comments, Recommendations, and Agency Terms and Conditions/Prescriptions	June 2014
Single EA Issued	October 2014
Deadline for Filing Modified Agency Recommendations	January 2015

If Commission staff determines that there is a need for additional information or additional studies, the issuance of the Ready for Environmental Analysis notice could be delayed. If this occurs, all subsequent milestones would be delayed by the time allowed for PacifiCorp to respond to the Commission's request. A copy of PacifiCorp's process plan, which has a complete list of relicensing milestones for the project, including those for developing the license application, is attached as appendix B to this SD1.

8.0 PROPOSED EA OUTLINE

The preliminary outline for the Wallowa Falls Project EA is as follows:

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 - 3.3.4 Threatened and Endangered Species
 - 3.3.5 Recreation and Land Use
 - 3.3.6 Cultural Resources
 - 3.3.7 Aesthetic Resources
 - 3.4 No-action Alternative
- 4.0 DEVELOPMENTAL ANALYSIS
 - 4.1 Power and Economic Benefits of the Project
 - 4.2 Comparison of Alternatives
 - 4.3 Cost of Environmental Measures
- 5.0 CONCLUSIONS AND RECOMMENDATIONS
 - 5.1 Comparison of Alternatives
 - 5.2 Comprehensive Development and Recommended Alternative
 - 5.3 Unavoidable Adverse Effects
 - 5.4 Recommendations of Fish and Wildlife Agencies
 - 5.5 Consistency with Comprehensive Plans
- 6.0 FINDING OF NO SIGNIFICANT IMPACT (OR OF SIGNIFICANT IMPACT)
- 7.0 LITERATURE CITED
- 8.0 LIST OF PREPARERS

APPENDICES

A—License Conditions Recommended by Staff

9.0 COMPREHENSIVE PLANS

Section 10(a)(2) of the FPA, 16 U.S.C. section 803(a)(2)(A), requires the Commission to consider the extent to which a project is consistent with federal and state comprehensive plans for improving, developing, or conserving a waterway or waterways affected by a project. Staff has preliminarily identified and reviewed the plans listed below that may be relevant to the Wallowa Falls Project. Agencies are requested to review this list and inform the Commission staff of any changes. If there are other comprehensive plans that should be considered for this list that are not on file with the Commission, or if there are more recent versions of the plans already listed, they can be filed for consideration with the Commission according to 18 CFR 2.19 of the Commission's regulations. Please follow the instructions for filing a plan at <http://www.ferc.gov/industries/hydropower/gen-info/licensing/complan.pdf>.

The following is a list of comprehensive plans currently on file with the Commission that may be relevant to the project.

Bureau of Land Management. 1993. Wallowa & Grande Ronde Rivers final management plan. Department of the Interior, Baker City, Oregon. December 1993. Chapters 1-3.

Bureau of Land Management. U.S. Forest Service. 1996. Status of the Interior Columbia Basin: Summary of scientific findings. Portland, Oregon. November 1996.

Department of the Army, Corps of Engineers. Portland District. 1993. Water resources development in Oregon. Portland, Oregon. 78 pp.

Forest Service. 1990. Wallowa-Whitman National Forest land and resource management plan. Department of Agriculture, Baker City, Oregon. April 1990.

Governor's Hydroelectric Planning Group. 1985. Preliminary site resource inventory: report to the 63rd Legislative Assembly. Salem, Oregon. March 1985. 146 pp.

Hydro Task Force and Strategic Water Management Group. 1988. Oregon comprehensive waterway management plan. Salem, Oregon.

National Park Service. 1982. The nationwide rivers inventory. Department of the Interior, Washington, D.C. January 1982.

- Northwest Power and Conservation Council. 2009. Columbia River Basin fish and wildlife program. Portland, Oregon. Council Document 2009-09. October 2009.
- Northwest Power and Conservation Council. 2010. The Sixth Northwest conservation and electric power plan. Portland, Oregon. Council Document 2010-09. February 2010.
- Northwest Power and Conservation Council. 1988. Protected areas amendments and response to comments. Portland, Oregon. Council Document 88-22 (September 14, 1988).
- Northwest Power and Conservation Council. 2003. Mainstem amendments to the Columbia River Basin fish and wildlife program. Portland, Oregon. Council Document 2003-11.
- Oregon Department of Energy. 1987. Oregon final summary report for the Pacific Northwest rivers study. Salem, Oregon. November 1987. 89 pp.
- Oregon Department of Environmental Quality. 1978. Statewide water quality management plan. Salem, Oregon. November 1978. Seven volumes.
- Oregon Department of Fish and Wildlife. 1982. Comprehensive plan for production and management of Oregon's anadromous salmon and trout: Part I. General considerations. Portland, Oregon. June 1, 1982. 33 pp.
- Oregon Department of Fish and Wildlife. 1987. The statewide trout management plan. Portland, Oregon. November 1987. 77 pp.
- Oregon Department of Fish and Wildlife. 1987. Trout mini-management plans. Portland, Oregon. December 1987. 58 pp.
- Oregon Department of Fish and Wildlife. 2003. Oregon's elk management plan. Portland, Oregon. February 2003.
- Oregon Department of Fish and Wildlife. 1993. Oregon black bear management plan, 1993-1998. Portland, Oregon. 33 pp.
- Oregon Department of Fish and Wildlife. 1993. Oregon wildlife diversity plan. Portland, Oregon. November 1993. 512 pp.

- Oregon Department of Fish and Wildlife. 2006. Oregon cougar management plan. Roseburg, Oregon. May 2006.
- Oregon Department of Fish and Wildlife. 2001. Oregon wildlife and commercial fishing codes: 2001-2002. Portland, Oregon.
- Oregon Department of Fish and Wildlife. 1995. Biennial report on the status of wild fish in Oregon. Portland, Oregon. December 1995. 217 pp.
- Oregon Department of Fish and Wildlife. 1996. Species at risk: Sensitive, threatened, and endangered vertebrates of Oregon. Portland, Oregon. June 1996.
- Oregon Department of Fish and Wildlife. 1997. Oregon plan for salmon and watersheds. Salem, Oregon. December 1997.
- Oregon Department of Fish and Wildlife. 2006. Oregon conservation strategy. Salem, Oregon. February 2006.
- Oregon Department of Fish and Wildlife. 2009. 25-year Recreational angling enhancement plan. Salem, Oregon. February 2009.
- Oregon Department of State Lands. Oregon natural heritage plan. Salem, Oregon. 2003.
- Oregon Department of Transportation. 1985. Grande Ronde and Willowa River scenic waterway study. Salem, Oregon. June 1985. 51 pp.
- Oregon State Game Commission. 1963-1975. Fish and wildlife resources - 18 basins. Portland, Oregon. 21 reports.
- Oregon State Parks and Recreation Department. Oregon Outdoor Recreation Plan (SCORP): 2003-2007. Salem, Oregon. January 2003.
- Oregon State Parks and Recreation Department. Oregon shore management plan. Salem, Oregon. January 2005.
- Oregon State Parks and Recreation Division. 1987. Recreational values on Oregon Rivers. Salem, Oregon. April 1987. 71 pp.

Oregon State Parks and Recreation Division. Undated. The Oregon scenic waterways program. Salem, Oregon. 75 pp.

Oregon Water Resources Board. 1973. Surface area of lakes and reservoirs. Salem, Oregon. 43 pp.

Oregon Water Resources Commission. 1987. State of Oregon water use programs. Salem, Oregon. 295 pp.

Oregon Water Resources Department. 1988. Oregon water laws. Salem, Oregon.

State of Idaho. State of Oregon. State of Washington. Confederated Tribes of the Warm Springs Reservation of Oregon. Confederated Tribes of the Umatilla Indian Reservation. Nez Perce Tribe. Confederated Tribes and Bands of the Yakima Indian Nation. 1987. Settlement Agreement pursuant to the September 1, 1983, Order of the U.S. District Court for the District of Oregon in Case No. 68-5113. Columbia River fish management plan. Portland, Oregon. November 1987.

U.S. Fish and Wildlife Service. Undated. Fisheries USA: the recreational fisheries policy of the U.S. Fish and Wildlife Service. Washington, D.C

U.S. Fish and Wildlife Service. Canadian Wildlife Service. 1986. North American waterfowl management plan. Department of the Interior. Environment Canada. May 1986.

10.0 MAILING LIST

The list below is the Commission's official mailing list for the Wallowa Falls Project (FERC No. 308). If you want to receive future mailings for the project and are not included in the list below, please send your request by mail to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Room 1A, Washington, DC 20426. All written requests to be added to the mailing list must clearly identify the following on the first page: Wallowa Falls Project No. 308-005. You may use the same method if requesting removal from the mailing list below.

Register online at <http://www.ferc.gov/esubscribenow.htm> to be notified via email of new filings and issuances related to this or other pending projects. For assistance, please contact FERC Online Support at FERCOnlineSupport@ferc.gov or toll free at 1-866-208-3676, or for TTY, (202) 502-8659.

Mailing List

HAINES, City of	PO Box 208 Haines, OREGON 97833-0208 Baker
Baker, Town of	BAKER, OREGON 97814
Bonneville Power Administration	PO Box 3621 Portland, OREGON 97208-3621 Multnomah
Federal Energy Regulatory Commission	Portland Regional Office 805 SW Broadway Fox Tower - Suite 550 Portland, OREGON 97205 Multnomah
JOSEPH, TOWN OF	JOSEPH, OREGON 97846
LAGRANDE, TOWN OF	LAGRANDE, OREGON 97850
MID-WEST ELECTRIC CONSUMERS ASSOCIATION	THOMAS P GRAVES EXECUTIVE DIRECTOR MID-WEST ELECTRIC CONSUMERS ASSOCIATION SUITE 330 4350 Wadsworth Blvd Wheat Ridge, COLORADO 800334641 Jefferson

National Rural Electric Cooperative Assn.	Wallace F Tillman General Counsel National Rural Electric Cooperative Assn. 4301 Wilson Blvd Arlington, VIRGINIA 22203
Oregon Department of Agriculture	Jim Johnson Oregon Department of Agriculture NATURAL RESOURCES DIVISION 635 Capitol St NE Salem, OREGON 973012564 Marion
Oregon Department of Environmental Quality	Marilyn Fonseca Water Quality Division Oregon Department of Environmental Quality 811 SW 6th Avenue Portland, OREGON 97204
Oregon Department of Fish & Wildlife	Ken Homolka Hydropower Program Leader Oregon Department of Fish & Wildlife 3406 Cherry Ave. NE Salem, OREGON 97303
Oregon Department of Fish & Wildlife	Colleen E Fagan Oregon Department of Fish & Wildlife 107 20th Street La Grande, OREGON 97850
Oregon Department of Land Conservation and Development	Paul Curcio Director Oregon Department of Land Conservation and Development 635 Capitol Street NE, Ste 150 Salem, OREGON 97301 Marion
OREGON STATE EXTENSION SERVICES	DIRECTOR OREGON STATE UNIVERSITY CORVALLIS, OREGON 97331
Oregon State Marine Board	435 COMMERCIAL STREET, N.E. Salem, OREGON 973100001 Marion
Pacificorp	Randy A Landolt Managing Director Pacificorp 825 N.E. Multnomah, 1500 LCT Portland, OREGON 97232 UNITED STATES

Pacificorp Energy	Robert R Howison Sr. Scientist Pacificorp 825 NE Multnomah Portland, OREGON 97232
Public Utility Commission of Oregon	Secretary PO Box 2148 Salem, OREGON 97308-2148 Marion
SOUTHWESTERN POWER RESOURCES ASSOCIATION	TED COOMBES EX. DIRECTOR SOUTHWESTERN POWER RESOURCES ASSOCIATION PO Box 471827 Tulsa, OKLAHOMA 74147-1827 Tulsa
U.S. Bureau of Indian Affairs	Ferc Coordinator Portland Area Office 911 NE 11th Ave Portland, OREGON 972324169 Multnomah
U.S. Bureau of Land Management	State Director (OR-936.1) U.S. Bureau of Land Management PO Box 2965 Portland, OREGON 97208-2965 Multnomah
U.S. Bureau of Reclamation	KLAMATH BASIN AREA OFFICE 6600 Washburn Way Klamath Falls, OREGON 976039365 Klamath
U.S. Fish & Wildlife Service	2600 SE 98th Ave Ste 100 Portland, OREGON 972661325 Multnomah
UMATILLA AGENCY	PO Box 520 Pendleton, OREGON 97801-0520 Umatilla
United States Senate	Ron Wyden Honorable United States Senate Washington, DISTRICT OF COLUMBIA 20510

US Army Corps of Engineers	PO Box 2870 Portland, OREGON 97208-2870 Multnomah
US Coast Guard	MSO PORTLAND 6767 N Basin Ave Portland, OREGON 972173929 Multnomah
US Department of Interior	Office of Environ. Policy & comol. Officer US Department of Interior 911 NE 11th Ave Portland, OREGON 97232 Multnomah
US Environmental Protection Agency	JOHN E BREGAR US Environmental Protection Agency MS ECO-088 1200 6th Ave Seattle, WASHINGTON King
WALLOWA, COUNTY OF	COUNTY COURT ENTERPRISE, OREGON 97728
Wallowa-Whitman National Forest	1550 Dewey Ave Baker City, OREGON 978143840 Baker
WARM SPRINGS TRIBE	Clay Penhollow Natural Resources Branch WARM SPRINGS TRIBE PO Box C Warm Springs, OREGON 97761-3001 Jefferson

APPENDIX A
STUDY PLAN CRITERIA
18 CFR Section 5.9(b)

Any information or study request must contain the following:

1. Describe the goals and objectives of each study proposal and the information to be obtained;
2. If applicable, explain the relevant resource management goals of the agencies or Indian tribes with jurisdiction over the resource to be studied;
3. If the requester is not a resource agency, explain any relevant public interest considerations in regard to the proposed study;
4. Describe existing information concerning the subject of the study proposal, and the need for additional information;
5. Explain any nexus between project operations and effects (direct, indirect, and/or cumulative) on the resource to be studied, and how the study results would inform the development of license requirements;
6. Explain how any proposed study methodology (including any preferred data collection and analysis techniques, or objectively quantified information, and a schedule including appropriate field season(s) and the duration) is consistent with generally accepted practice in the scientific community or, as appropriate, considers relevant tribal values and knowledge; and
7. Describe considerations of level of effort and cost, as applicable, and why proposed alternative studies would not be sufficient to meet the stated information needs.

**APPENDIX B
PROCESS PLAN AND SCHEDULE**

WALLOWA FALLS PROCESS PLAN AND SCHEDULE

(shaded milestones are unnecessary if there are no study disputes; if due date falls on a weekend or holiday, the due date is the following business day)

Responsible Party	Pre-Filing Milestone	Date	FERC Regulation
PacifiCorp	File NOI/PAD with FERC	2/23/11	5.5, 5.6
FERC	Issue Notice of Commencement of Proceeding; Issue Scoping Document 1	4/24/11	5.8
FERC	NEPA Scoping Meetings	5/24/11	5.8(b)(viii)
All stakeholders	PAD/SD1 Comments and Study Requests Due	6/23/11	5.9
FERC	Issue Scoping Document 2	8/7/11	5.1
PacifiCorp	File Proposed Study Plan	8/7/11	5.11(a)
All stakeholders	Proposed Study Plan Meeting	9/6/11	5.11(e)
All stakeholders	Proposed Study Plan Comments Due	11/5/11	5.12
PacifiCorp	File Revised Study Plan	12/5/11	5.13(a)
All stakeholders	Revised Study Plan Comments Due	12/20/11	5.13(b)
FERC	Director's Study Plan Determination	1/4/12	5.13(c)
Forest Service, FWS, Oregon DEQ	Any Study Disputes Due	1/24/12	5.14(a)
Dispute Panel	Third Dispute Panel Member Selected	2/8/12	5.14(d)
Dispute Panel	Dispute Resolution Panel Convenes	2/13/12	5.14(d)(3)
PacifiCorp	Applicant Comments on Study Disputes Due	2/18/12	5.14(j)
Dispute Panel	Dispute Resolution Panel Technical Conference	2/23/12	5.14(j)
Dispute Panel	Dispute Resolution Panel Findings Issued	3/14/12	5.14(k)

Responsible Party	Pre-Filing Milestone	Date	FERC Regulation
FERC	Director's Study Dispute Determination	4/3/12	5.14(l)
PacifiCorp	First Study Season	Spring, summer 2012	5.15(a)
PacifiCorp	Initial Study Report	1/13/13	5.15(c)(1)
All stakeholders	Initial Study Report Meeting	1/18/13	5.15(c)(2)
PacifiCorp	Initial Study Report Meeting Summary	2/2/13	5.15(c)(3)
All stakeholders	Any Disputes/Requests to Amend Study Plan Due	3/4/13	5.15(c)(4)
All stakeholders	Responses to Disputes/Amendment Requests Due	4/3/13	5.15(c)(5)
FERC	Director's Determination on Disputes/Amendments	5/3/13	5.15(c)(6)
PacifiCorp	Second Study Season	Spring, summer 2013	5.15(a)
PacifiCorp	Updated Study Report due	1/13/14	5.15(f)
All stakeholders	Updated Study Report Meeting	1/18/14	5.15(f)
PacifiCorp	Updated Study Report Meeting Summary	2/2/14	5.15(f)
All stakeholders	Any Disputes/Requests to Amend Study Plan Due	3/4/14	5.15(f)
All stakeholders	Responses to Disputes/Amendment Requests Due	4/3/14	5.15(f)
FERC	Director's Determination on Disputes/Amendments	5/3/14	5.15(f)
PacifiCorp	File Preliminary Licensing Proposal	10/1/13	5.16(a)
All stakeholders	Preliminary Licensing Proposal Comments Due	12/30/13	5.16(e)
PacifiCorp	File Final License Application	2/28/14	5.17

Responsible Party	Pre-Filing Milestone	Date	FERC Regulation
PacifiCorp	Issue Public Notice of License Application Filing	3/14/14	5.17(d)(2)
Responsible Party	Post-Filing Milestone	Date	FERC Regulation
FERC	Issue Public Notice of License Application Filing (Tendering Notice)	3/14/14	5.19
FERC	Director's Determination on Any Additional Study Requests and Notification of Any Deficiencies	3/30/14	5.19(e); 5.20(a)(2)
FERC	Issue Public Notice Accepting Application and Ready for Environmental Analysis (REA)	4/29/14	5.22
All stakeholders	Comments, Interventions, 10(a) Recommendations Due	6/28/14	5.23(a)
Agencies	10(j) Recommendations; 4(e) Terms and Conditions; Fishway Prescriptions Due	6/28/14	5.23(a)
PacifiCorp	Request 401 Water Quality Certification from Ecology	6/28/14	5.23(b)
PacifiCorp	Reply Comments Due	8/12/14	5.23(a)
FERC	Issue Environmental Assessment	10/26/14	5.24
Agencies	Modified Terms and Conditions Due	1/24/15	5.24(d)
FWS/NMFS	ESA Biological Opinion As Needed	3/10/15	ESA
FERC	Issue License Order	3/25/15	FPA