

FEDERAL ENERGY REGULATORY COMMISSION
WASHINGTON, D.C. 20426
November 1, 2022

OFFICE OF ENERGY PROJECTS

Project No. 4881-031 – Idaho
Barber Dam Hydroelectric Project
Ada County, Idaho
Fulcrum LLC

VIA FERC Service

Subject: Scoping Document 1 for the Barber Dam Hydroelectric Project

To the Parties Addressed:

The Federal Energy Regulatory Commission (Commission) is reviewing an application, filed on November 30, 2021, by Ada County, Idaho and Fulcrum LLC to license the Barber Dam Hydroelectric Project (project). The project is located on the Boise River in Ada County, Idaho. The project does not occupy any federal land.

Pursuant to the National Environmental Policy Act (NEPA) of 1969, as amended, Commission staff will prepare either an environmental assessment (EA) or an Environmental Impact Statement (EIS), which will be used by the Commission to determine whether, and under what conditions, to issue a subsequent license for the project. To support and assist our environmental review and determine the level of analysis needed, we are beginning the public scoping process to ensure that all pertinent issues are identified and analyzed, and that the NEPA document is thorough and balanced. The Commission's scoping process will satisfy the NEPA scoping requirements, irrespective of whether the Commission issues an EA or an EIS.

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 NEPA analysis.

We will hold two scoping meetings for the project to receive input on the scope of the NEPA analysis. An evening meeting will be held Tuesday, November 29 starting at 7:00 p.m. at Ada County Courthouse, 200 W Front St, Boise, Idaho, 83702. A daytime meeting will be held Wednesday, November 30, 2022, starting at 9:00 a.m. at the same location. We will also conduct an environmental site review on Tuesday, November 29, 2022 at 1:00 p.m.

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

SD1 is being distributed to both the applicants' and the Commission's official mailing list (see section 8.0 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 email to FERCOnlineSupport@ferc.gov. In lieu of an email request, you may submit a paper request. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, MD 20852. All written or emailed requests must specify your wish to be added to or removed from the mailing list and must clearly identify the following on the first page: **Barber Dam Hydroelectric Project No. 4881-031**.

Please review SD1 and, if you wish to provide comments, follow the instructions in section 5.0, *Request for Information*. If you have any questions about SD1, the scoping process, or how Commission staff will develop the NEPA document 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 Barber Dam Hydroelectric Project may be obtained from the Commission's website, <http://www.ferc.gov>. Comments are due within 60 days of the issuance date of this letter. The Commission strongly encourages electronic filings.

Enclosure: Scoping Document 1

SCOPING DOCUMENT 1

BARBER DAM HYDROELECTRIC PROJECT NO. 4881

IDAHO



Federal Energy Regulatory Commission
Office of Energy Projects
Division of Hydropower Licensing
Washington, D.C.

November 2022

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SCOPING DOCUMENT 1

Barber Dam Hydroelectric Project No. 4881

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 continued operation and maintenance of non-federal hydroelectric projects. On November 30, 2021, Ada County, Idaho and Fulcrum LLC (co-licensees) filed an application for a new license for the Barber Dam Hydroelectric Project No. 4881 (Barber Dam Project, or project).²

The Barber Dam Project is located on the Boise River in Ada County, Idaho (Figure 1). The project has a total installed capacity of 3.7 MW. The project does not occupy any federal land. A detailed description of the project is provided in section 3.0 (Proposed Action and Alternatives).

¹ 16 U.S.C. § 791(a)-825(r) (2018).

² The original license for the Barber Dam Hydroelectric Project was issued with an effective date of December 1, 1983, for a term of 40 years, and expires on November 30, 2023. *See Ada County, the City of Boise, and Arthur L. Bloom Cook Electric Company*, 24 FERC ¶ 62,399 (1983).



Figure 1. Location of Barber Dam Project (source: license application).

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 Barber Dam Project as proposed, and also consider reasonable alternatives to the proposed action. We will prepare either an environmental assessment (EA) or an environmental impact statement (EIS) for the project that describes and evaluates the probable effects of the proposed action and alternatives. The Commission's scoping process will help determine the required level of analysis and 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 Commission's NEPA document 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 NEPA document; (2) a description of the applicant's proposed action and alternatives to the proposed action; (3) a preliminary identification of environmental issues; (4) a request for comments and information; (5) a proposed outline for the NEPA document; 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. In general, scoping should be conducted during the early planning stages of a project. The purposes of the scoping process are as follows:

- invite participation of federal, state, and local resource agencies; Native American 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 NEPA document;

³ 42 U.S.C. §§ 4321-4370(f).

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- identify reasonable alternatives to the proposed action that should be evaluated in the NEPA document;
- solicit from participants available information on the resources at issue, including existing information; and
- determine the resource areas and potential issues that do not require detailed analysis during review of the project.

2.2 COMMENTS ON SCOPING

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

- during the public scoping process when we solicit oral and written comments on the scoping document;
- in response to the Commission's notice that the project is ready for environmental analysis, when we solicit comments, recommendations, terms and conditions, and prescriptions for the proposed project; and
- after issuance of the NEPA document when we solicit written comments on the document.

In addition to written comments solicited by this SD1, we will hold two public scoping meetings and an environmental site review in the vicinity of the project. A daytime meeting will focus on concerns of the resource agencies, NGO's, 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 meetings to assist us in identifying the scope of environmental issues that should be analyzed in the NEPA document. All interested parties are also invited to participate in the environmental site review. The times and locations of the meetings are as follows:

Evening Scoping Meeting

Date and Time: Tuesday, November 29, 2022, 7:00 p.m. (MST)

Project No. 4881-031

Location: Ada County Courthouse
200 W Front Street, Boise, ID 83702
Phone number: (208) 287-6900

Daytime Scoping Meeting

Date and Time: Wednesday, November 30, 2022, 9:00 a.m. (MST)
Location: Ada County Courthouse
200 W Front Street, Boise, ID 83702
Phone number: (208) 287-6900

Environmental Site Review

Date and Time: Tuesday, November 30, 2022, 1:00 p.m. (MST)
Location: Barber Dam Hydroelectric Project
5201 E. Sawmill Way, Boise, ID 83716

All participants interested in seeing the project should meet at the Barber Dam Project at 5201 E. Sawmill Way, Boise, ID 83716. Anyone with questions about the environmental site review should contact Kevin Webb at (978) 935-6039 or kwebb@centralriverspower.com. Those individuals planning to participate in the site review should notify Mr. Webb of their intent, no later than November 15, 2022.

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 5.0.

Meeting participants should come prepared to discuss their issues and/or concerns as they pertain to the relicensing of the Barber Dam Project. It is advised that participants review the license application in preparation for the scoping meetings. Copies of the license application are available for review on the Commission's website (<http://www.ferc.gov>), using the "eLibrary" link. Enter the docket number, P-4881 for the Barber Dam Project, 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.

Following the scoping comment period, all issues raised will be reviewed and decisions made as to the level of analysis needed. If this 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 NEPA document.

If we do not receive substantive comments on SD1, we will not prepare a Scoping Document 2 (SD2). Otherwise, we will issue SD2 to address any substantive comments received.

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 Barber Dam 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 (PM&E) measures would be implemented. The no action alternative is used to establish baseline environmental conditions for comparison with other alternatives.

3.1.1 Project Area

The Boise River Basin is about 3,926 square miles. The river originates in the Sawtooth Mountain Range and flows about 102 miles to the confluence with the Snake River just upstream of Hells Canyon along the Oregon/Idaho border. The Project is located at river mile 58.9 on the Boise River, approximately 6 miles southeast of downtown Boise, and about 4 miles downstream of Lucky Peak Dam, a large storage reservoir owned by the U.S. Army Corps of Engineers.

3.1.2 Existing Project Facilities

The Barber Dam Project consists of a 1,100-foot-long embankment dam ranging in height from 32 feet to about 39 feet. The dam includes a 400-foot-long by 25-foot-high timber crib spillway with a crest elevation of 2,778.2 feet.⁴ The timber cribs are rock filled and have been capped with concrete. The impoundment surface area is approximately 75 acres at normal pond level of elevation 2,778.2 feet with an average depth of less than 4 feet. The powerhouse intake is a 16.5-foot-high concrete structure fitted with four trashracks with 3.5-inch bar spacing, and two roller gates that are each 20.2 feet wide. An excavated 57-foot-long, 18-inch-deep trench immediately upstream of the trash racks captures bedload material (e.g., boulders) and prevents it from striking the intake. A 65-foot by 92.5-foot powerhouse is located between the embankment and spillway sections of the dam and contains two 1.85-MW turbine-generator units. A 3-foot-wide by 2-foot-deep galvanized steel trash sluiceway is located adjacent to the powerhouse to pass debris that accumulates on the trashracks. Flow is discharged from the powerhouse into a 68-foot-wide, 100-foot-long, 18-foot-deep concrete-lined tailrace that flows into the Boise River below the dam.

Energy is transmitted from the powerhouse to a step-up transformer via 60 feet of underground generator leads. From the step-up transformer, there is 60 feet of 34.5-kilovolt overhead transmission line to the point of interconnection with Idaho Power's transmission system.

The project also includes a 600-foot-long, 7-foot-high flood control deflection berm on the north side of the project below the dam to protect nearby residences from flooding in the event of failure of the embankment dam.

There are no licensed project recreation facilities. However, the project includes a take-out in the impoundment for hand-carry boats, a portage trail around the dam, and a put-in for hand-carry boats below the dam. There is also overland public walk-in access to the project via the project's access road.

3.1.3 Existing Project Operation

The project is operated in a run-of-river mode with a minimum and maximum hydraulic capacity of 250 cfs and 1,077 cfs, respectively. The annual average generation is 11,833-megawatt -hours. Under normal operation, the project is operated remotely.

⁴ Elevations are North American Vertical Datum of 1988 (NAVD 88).

The powerhouse control system automatically adjusts the turbine flow to maintain a constant water level in the impoundment. When inflow exceeds the turbines' hydraulic capacity, the water level begins to rise and all flow in excess of the maximum turbine capacity passes over the spillway. The water level that the control system is programmed to maintain is seasonally adjusted. During the irrigation season (April–October), the pond level setpoint is normally set above the crest of the spillway, resulting in some flow always passing over the spillway. This operating mode decreases power generation but reduces flow variation should the generating units trip offline, thereby minimizing effects of flow reductions on downstream irrigators. During the winter (November–March), the pond level setpoint is normally lowered to 0.04 foot (~ 0.5 inch) below the spillway crest to prevent ice buildup on the surface of the spillway, which could damage the concrete.

The powerhouse can be remotely shut down, and in some situations, it can be remotely started. The generating units are protected for various electrical fault conditions and mechanical operating conditions and will trip offline if these conditions occur. When the units trip offline, the alert system and supervisory control and data acquisition system alerts the on-call operator. The operator then notifies Ada County, irrigation stakeholders, and the licensees' operations center. The operations staff then responds to the plant to restart the units.

3.2 APPLICANT'S PROPOSAL

3.2.1 Proposed Project Facilities

The licensee proposes to modify the existing spillway to incorporate an adjustable weir system, and to modify the powerhouse operating system to control the weir so that water is automatically released over the spillway when the powerhouse trips offline. These modifications would eliminate the need to always spill flow over the spillway to prevent flow interruptions that otherwise might occur when the units trip offline.⁵

Proposed modifications to the spillway include removing approximately 5 feet of the existing dam crest, replacing it with approximately 2 feet of new timbers and crushed rock with a 1-foot-thick reinforced concrete slab on the crest, and installing a hydraulically actuated adjustable weir gate. The adjustable weir gate would consist of a

⁵ Unless some flow is passed over the spillway, there can be rapid flow reductions below the dam when the powerhouse trips offline because it can take a while for the water level in the impoundment to rise to a sufficient level to pass all powerhouse flow over the spillway.

2-foot diameter steel tube seated on the dam crest. The top of the adjustable weir would coincide with the normal pool operating level of 2,778.2 feet. During a powerhouse outage, the adjustable weir gate would be raised above the dam crest, thereby spilling all flow over the spillway and maintaining uninterrupted flow downstream. The construction of the spillway modifications would occur during the winter months when flows are regularly below 300 cfs.

3.2.2 Proposed Project Operation

The project would continue to be operated in run-of-river mode with a normal pool elevation of 2778.2 feet year-round. During normal operation, all flow in excess of the powerhouse capacity would be spilled over the new adjustable weir system. During powerhouse outages, the new weir system would be raised and all flow would be immediately passed under the weir as described in section 3.2.1 above.

3.2.3 Proposed Environmental Measures

- Continue to operate the project in a run-of-river mode.
- Repair and maintain the portage trail take-out, stairs, trail, put-in, and signage for ongoing public use. Initial repairs would consist of replacing the wooden stairs with concrete and clearing and re-graveling the lower end of the trail near the put-in.
- Install trash can near the portage trail take-out.
- Conduct periodic invasive weed management in upland areas within the project boundary, including the powerhouse parking area, the embankment dam, and the flood control deflection berm.
- Implement an Historic Properties Management Plan to preserve and protect the historic features of Barber Dam potentially affected by construction of the proposed spillway modification.

3.3 PROJECT SAFETY

Project safety constraints may exist and should be taken into consideration in the development of proposals and alternatives considered in the pending proceeding. As the proposal and alternatives are developed, the applicant must evaluate the effects and

ensure that the project would meet the Commission’s project safety criteria found in Part 12 of the Commission’s regulations and the engineering guidelines (<http://www.ferc.gov/industries/hydropower/safety/guidelines/eng-guide.asp>).

3.4 ALTERNATIVES TO THE PROPOSED ACTION

Commission staff will consider and assess reasonable alternatives (i.e., alternatives that are technically and economically feasible, meet the purpose and need for the proposed action, and, where applicable, meet the goals of the applicant) for operational or facility modifications, as well as PM&E measures identified by staff, agencies, Native American tribes, NGOs, and the public.

3.5 ALTERNATIVES CONSIDERED BUT ELIMINATED FROM DETAILED STUDY

At present, we propose to eliminate the following alternative from detailed study in the NEPA document.

3.5.1 Project Decommissioning

As the Commission has previously held, decommissioning is not a reasonable alternative to relicensing in most cases.⁶ Decommissioning can be accomplished in different ways depending on the project, its environment, and the particular resource needs.⁷ For these reasons, the Commission does not speculate about possible decommissioning measures at the time of relicensing, but rather waits until an applicant actually proposes to decommission a project, or a participant in a relicensing proceeding demonstrates that there are serious resource concerns that cannot be addressed with

⁶ See, e.g., *Eagle Crest Energy Co.*, 153 FERC ¶ 61,058, at P 67 (2015); *Public Utility District No. 1 of Pend Oreille County*, 112 FERC ¶ 61,055, at P 82 (2005); *Midwest Hydro, Inc.*, 111 FERC ¶ 61,327, at PP 35-38 (2005).

⁷ In the unlikely event that the Commission denies relicensing a project or a licensee decides to surrender an existing project, the Commission must approve a surrender “upon such conditions with respect to the disposition of such works as may be determined by the Commission.” 18 C.F.R. § 6.2 (2020). This can include simply shutting down the power operations, removing all or parts of the project, or restoring the site to its pre-project condition.

appropriate license measures and that make decommissioning a reasonable alternative.⁸ Here, the co-licensees filed an application to relicense the Barber Dam Project, and the record to date does not demonstrate that there are serious resource concerns that cannot be mitigated if the project is relicensed. As such, there is no reason, at this time, to include decommissioning as a reasonable alternative to be evaluated and studied as part of staff's NEPA analysis.

4.0 SCOPE OF CUMULATIVE EFFECTS AND SITE-SPECIFIC RESOURCE ISSUES

4.1 CUMULATIVE EFFECTS

According to the Council on Environmental Quality's regulations for implementing NEPA (40 C.F.R. §1508.7), a cumulative effect is the impact on the environment that results from the incremental impact 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 impacts 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 our review of the license application and preliminary staff analysis, we have identified fisheries resources as resources that could be cumulatively affected by the operation and maintenance of the Barber Dam Project.

4.1.2 Geographic Scope

Our geographic scope of analysis for cumulatively-affected resources is defined by the physical limits or boundaries of: (1) the proposed action's effect on the resources, and (2) contributing effects from other dams within the river basin. We have identified

⁸ See generally *Project Decommissioning at Relicensing; Policy Statement*, FERC Stats. & Regs., Regulations Preambles (1991-1996), ¶ 31,011 (1994); see also *City of Tacoma, Washington*, 110 FERC ¶ 61,140 (2005) (finding that unless and until the Commission has a specific decommissioning proposal, any further environmental analysis of the effects of project decommissioning would be both premature and speculative).

the geographic scope for fisheries resources to include the mainstem Boise River from its origin near Arrowrock Reservoir to its confluence with the Snake River. We chose this geographic scope because the presence and operation of the Barber Project, together with other dams and diversion structures, have affected fish populations in the Boise River.

4.1.3 Temporal Scope

The temporal scope of our cumulative effects analysis will include a discussion of past, present, and reasonably foreseeable future actions and their effects on each resource that could be cumulatively affected. Based on the potential term of a new license, the temporal scope will look 30 to 50 years into the future, concentrating on the effect on the resources from reasonably foreseeable future actions. The historical discussion will, by necessity, be limited to the amount of available information for each resource. The quality and quantity of information, however, diminishes as we analyze resources further away in time from the present.

4.2 RESOURCE ISSUES

In this section, we present a preliminary list of environmental issues to be addressed in the NEPA analysis. We identified these issues, which are listed by resource area, by reviewing the PAD and the Commission's record for the Barber Dam Project. This list is not intended to be exhaustive or final, but contains the 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. Those issues identified by an asterisk (*) will be analyzed for both cumulative and site-specific effects.

4.2.1 Aquatic Resources

- Effects of proposed spillway construction on water quality in the impoundment and Boise River downstream.
- Effects of continued project operation on upstream and downstream fish passage in the Boise River, including the potential for fish entrainment and turbine mortality.*
- Effects of intake maintenance dredging on water quality and fisheries resources.

4.2.2 Terrestrial Resources

- Effects of proposed spillway construction and continued project operation and maintenance on riparian, littoral, and wetland habitat and associated wildlife.
- Effects of proposed spillway construction and continued project operation and maintenance on the introduction and spread of invasive plants.

4.2.3 Threatened and Endangered Species

- Effects of proposed spillway construction and continued project operation and maintenance on the Yellow-billed Cuckoo and Slickspot Peppergrass, which are federally-listed as Threatened.
- Effects of proposed spillway construction and continued project operation and maintenance on the monarch butterfly, which has been designated as a candidate species for listing under the Endangered Species Act.

4.2.4 Recreation, Land Use, and Aesthetic Resources

- Effects of proposed spillway construction on recreation use and access.
- Effects of continued project operation and maintenance on recreational use in the project area, including the adequacy of existing recreational access and facilities in meeting recreation needs.
- Effects of proposed spillway construction on noise levels at nearby residences.

4.2.5 Cultural Resources

- Effects of proposed spillway construction and continued project operation and maintenance on historic resources that are included or may be eligible for inclusion in the National Register of Historic Places.

4.2.6 Socioeconomic Resources

- Effects of proposed spillway construction and continued project operation and maintenance on existing environmental justice communities.

5.0 REQUEST FOR INFORMATION

We are asking federal, state, and local resource agencies; Native American 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 effects associated with relicensing the Barber Dam Project. The types of information requested include, but are not limited to:

- information, quantitative data, or professional opinions that help identify significant environmental issues;
- identification of, and information from, any other EA, EIS, or similar environmental study (previous, ongoing, or planned) relevant to the proposed relicensing of the Barber Dam Project;
- existing information and any data that would help characterize existing environmental conditions and habitats and in the assessment of project effects on environmental resources; and
- documentation showing why any resources should be excluded from further study or consideration.

The requested information and comments on the SD1 should be filed electronically via the Internet within 30 days of issuance of this SD1. See 18 C.F.R. § 385.2001(a)(1)(iii) and the instructions on the Commission's website at <https://ferconline.ferc.gov/FERCOnline.aspx>. All filings must clearly identify the project name and docket number on the first page: **Barber Dam Hydroelectric Project (P-4881-031)**. Commenters can submit brief comments up to 6,000 characters, without prior registration, using the eComment system at <https://ferconline.ferc.gov/QuickComment.aspx>. 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. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, MD 20852.

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Register online at <https://ferconline.ferc.gov/FERCOOnline.aspx> 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 FERCOOnlineSupport@ferc.gov.

Intervenors – those on the Commission’s service list for this proceeding – are reminded that if they file comments with the Commission, they must also serve a copy of their filing on each person whose name appears on the official service list. Note that the list is periodically updated. The official service list can be obtained on the Commission’s web site (<http://www.ferc.gov>) – click on Documents and Filing and click on eService – or call the Office of the Secretary, Dockets Branch at (202) 502-8715. In addition, if any party files comments or documents with the Commission relating to the merits of an issue that may affect the responsibilities of a particular resource agency, they must also serve a copy of the document on the resource agency.

Any questions concerning 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 Barber Dam Project may be obtained from the Commission’s website, www.ferc.gov.

6.0 INITIAL PROCESSING SCHEDULE

The decision on whether to prepare an EA or an EIS will be made after we determine the scope of effects and measures under consideration. The NEPA document will be distributed to all persons and entities on the Commission’s service and mailing lists for the Barber Dam Project. The document will include our recommendations for operating procedures, as well as environmental protection and enhancement measures that should be part of any new license issued by the Commission. The comment period will be specified in the notice of availability of the NEPA document.

The application will be processed according to the following preliminary processing schedule. Revisions to the schedule will be made as appropriate:

<u>Major Milestone</u>	<u>Target Date</u>
Scoping Document 1 Issued	October 2022
Scoping Meetings	November 2022
Scoping Document 1 Comments Due	December 2022
Scoping Document 2 (if necessary)	March 2022
Acceptance and Ready for Environmental Analysis Notice Issued	April 2022

7.0 COMPREHENSIVE PLANS

Section 10(a)(2) of the FPA, 16 U.S.C. § 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. Commission staff has preliminarily identified and reviewed the plans listed below that may be relevant to the project. Agencies are requested to review this list and inform 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 C.F.R. § 2.19. Please follow the instructions for filing a plan at <https://cms.ferc.gov/media/list-comprehensive-plans>.

The following is a list of comprehensive plans currently on file with the Commission that may be relevant to the Barber Dam Project:

Idaho Department of Water Quality. 2018. Water Quality Standards. Boise, Idaho.

Idaho Department of Fish and Game. 2005. Idaho comprehensive wildlife conservation strategy. Boise, Idaho. September 2005.

Idaho Department of Fish and Game. 2019. Fisheries Management Plan, 2019-2024. Boise, Idaho. 2019.

Idaho Department of Fish and Game. Bonneville Power Administration. 1986. Pacific Northwest Rivers Study. Final report. Boise, Idaho.

Idaho Department of Parks and Recreation. 2018. Idaho Statewide Comprehensive Outdoor Recreation Plan 2018-2022. Boise, Idaho.

Idaho Water Resource Board. 2012. Idaho State water plan. Boise, Idaho. November 2012.

Northwest Power and Conservation Council. 1988. Protected areas amendments and response to comments. Portland, Oregon. Council Document 88-22. September 14, 1988.

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Northwest Power and Conservation Council. 2014. Columbia River Basin Fish and Wildlife Program. Portland, Oregon. Council Document 2014-12. October 2014.

Northwest Power and Conservation Council 2020. 2020 Addendum to the 2014 Columbia River Basin Fish and Wildlife Program. Portland, Oregon. Council Document 2020-9. October 2020.

Northwest Power and Conservation Council. 2022. The 2021 Northwest Power Plan. Portland, Oregon. Council Document 2022-03. February 2022

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

8.0 MAILING LIST

The list below is the Commission’s official mailing list for the Barber Dam Project. If you want to receive future mailings for the project from the Commission and are not included in the list below, please send your request by email to FERCOnlineSupport@ferc.gov. In lieu of an email request, you may submit a paper request. Submissions sent via the U.S. Postal Service must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 888 First Street NE, Room 1A, Washington, DC 20426. Submissions sent via any other carrier must be addressed to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission, 12225 Wilkins Avenue, Rockville, MD 20852. All written and emailed requests to be added to the Commission’s mailing list must clearly identify the following on the first page: **Barber Dam Hydroelectric Project No. 4881-031**. You may use the same method if requesting removal from the mailing list below.

Register online at <https://ferconline.ferc.gov/FERCOOnline.aspx> to be notified via email of new filings and issuances related to this project 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.

Official Mailing List for the Barber Dam Project

Jillian Lawrence Chief Dam Safety Engineer 670 N. Commercial Street Suite 204	Jonathan Hogue 11 Anderson St. Piedmont, South Carolina 29673	Kevin Webb Fulcrum LLC Licensing Manager 670 N Commercial Street,
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Manchester, New Hampshire 03101		Suite 204 Manchester, New Hampshire 03101
City of Boise PO Box 500 Boise, Idaho 83701-0500	Bureau of Reclamation Pacific Northwest Region 1150 N Curtis Rd Boise, Idaho 83706-1234	Bureau of Reclamation Upper Colorado Region 125 S State St Rm. 8100 (UC-600) Salt Lake City, UTAH 84138-1102
Fort Hall Business Council PO Box 306 Fort Hall, Idaho 83203-0306	Lionel Q Boyer Chairman Fort Hall Business Council PO Box 306 Fort Hall, Idaho 83203-0306	Idaho Department of Fish and Game PO Box 25 Boise, Idaho 83707-0025
Idaho Department of Health & Welfare Director PO Box 83720 Boise, Idaho 83720-0036	Idaho Department of Lands Director PO Box 83720 Boise, Idaho 83720-0050	Idaho Department of Lands State Capitol Building 1215 West State Street Boise, Idaho 83720-0001
Idaho Department of Parks & Recreation State House Mail Boise, Idaho 83720-0001	Idaho Office of Attorney General State House Boise, Idaho 83720-0001	Idaho Office of the Governor State Capitol Boise, Idaho 83720-0001
City of Nampa 411 3rd St S Nampa, IDAHO 836513721 Canyon	NOAA NEPA Coordinator Office of Program Planning & Integration 1315 East-West Highway Silver Spring, Maryland 20910	Idaho State Preservation Office 210 W Main St Boise, Idaho 83702-7264
Nez Perce Tribe PO Box 305 Lapwai, Idaho 83540-0305	NOAA National Marine Fisheries Service Director 510 Desmond Dr SE Ste	Nancy Foster F/PR NOAA National Marine Fisheries Service

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	103 Lacey, Washington 985031291	1315 E West Hwy Silver Spring, Maryland 20910
Kristina Fugate Deputy Attorney General State of Idaho 700 W. State St. P.O. Box 83720 Boise, Idaho 83720-0010	State Director U.S. Bureau of Land Management Idaho State Office 1387 S Vinnell Way Boise, Idaho 83709-1657	Northern Idaho Agency PO Box 277 Lapwai, Idaho 83540-0277
U.S. Fish & Wildlife Service Boise Field Office 1387 S Vinnell Way Rm 368 Boise, Idaho 83709-1657	U.S. Fish and Wildlife Service ATTN: FERC COORDINATOR 911 NE 11th Ave Portland, OREGON 97232- 4169	USDA Forest Service 324 25TH STREET, Federal Building Ogden, Utah 84401