RECREATION MANAGEMENT PLAN

ENLOE HYDROELECTRIC PROJECT
(FERC PROJECT NO. 12569)

FEBRUARY 2009

(UPDATED JUNE 2014)

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<tr>
<td>BLM</td>
<td>(United States) Bureau of Land Management</td>
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<tr>
<td>CCT</td>
<td>Confederated Colville Tribe</td>
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<tr>
<td>County</td>
<td>Okanogan County</td>
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<td>CRWG</td>
<td>Cultural Resources Working Group</td>
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<tr>
<td>DAHP</td>
<td>(Washington) Department of Archeology and Historic Preservation</td>
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<tr>
<td>DLA</td>
<td>Draft License Application</td>
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<td>DNR</td>
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<td>District</td>
<td>Public Utility District No. 1 of Okanogan County</td>
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<td>Ecology</td>
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<td>FLA</td>
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<td>Historic Properties Management Plan</td>
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<td>ICD</td>
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<td>NPS</td>
<td>United States National Park Service</td>
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<tr>
<td>OTID</td>
<td>Oroville Tonasket Irrigation District</td>
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<tr>
<td>PM&amp;E</td>
<td>Prevention Mitigation &amp; Enhancement</td>
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<tr>
<td>PNTA</td>
<td>Pacific Northwest Trail Association</td>
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<tr>
<td>RCO</td>
<td>Washington Recreation and Conservation</td>
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<td>RMP</td>
<td>Recreation Management Plan</td>
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<td>Recreation Workgroup</td>
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<td>SCORP</td>
<td>Statewide Comprehensive Outdoor Recreation Plan</td>
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<tr>
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1.0 INTRODUCTION

1.1 PURPOSE AND INTENT

This Recreation Management Plan (RMP) describes the Protection, Mitigation and Enhancement (PM&E) Measures that will be implemented by Okanogan Public Utility District No. 1 (District) for the Enloe Hydroelectric Project (FERC Project No. 12569; Project). This version of the RMP has been updated by the District in compliance with the Project’s Federal Energy Regulatory Commission (FERC) License Order Article 410 (Article 410) issued by the FERC on July 9, 2013. Article 410 required the District to file an updated RMP with the FERC within one year of license issuance.

As specified in Article 410, the RMP was prepared and updated in consultation with the Bureau of Land Management (BLM), National Park Service (NPS), Washington Department of Ecology (Ecology), Washington State Recreation and Conservation Office (RCO), Department of Archeology and Historic Preservation (DAHP), and the Colville Confederated Tribes (CCT) (collectively, the Recreation Work Group; RWG). The consultation and outreach process used to develop and update the RMP is described in greater detail in Section 2.2.

1.2 PROJECT BOUNDARY/PROJECT AREA

The Project is situated in a narrow portion of the Similkameen River Valley, about 3.5 miles northwest of the City of Oroville, Washington. The Project boundary is generally defined by the 1,055 foot elevation contour and encompasses a total of approximately 152 acres of land. This includes an approximately 2.4-mile reach of the Similkameen River, two 60-foot-wide access road easements that connect the Loomis-Oroville Road to Enloe Dam (see Section 1.4) and a third 33-foot-wide access road easement connecting the Loomis-Oroville Road to a boater take-out at Miners Flat approximately 2.5 miles upstream from Enloe Dam (see section 3.14). The Project boundary extends one-quarter (0.25) mile downstream from Enloe Dam and includes Similkameen Falls and the site of the proposed powerhouse, tailrace, and associated facilities. Most of the land within the Project boundary is publicly owned and managed by BLM (i.e. lands above the pre-inundation ordinary high water mark) or DNR (i.e. bedlands and pre-inundation shorelands). The term Project Area used in the RMP refers to the land and water areas encompassed by Project boundary.
Figure 1 Project Location and FERC Boundary
1.3 RECREATIONAL USE

Presently, there are no formal recreation facilities located within the Project Area or at any other locations along the Similkameen River in the vicinity of the Project. Current recreational use is relatively light and occurs primarily during the summer months. A visitor intercept survey conducted by the District between June 1 and October 15, 2006 found that shore fishing, sightseeing and boating/floating were the most popular activities occurring within the Project Area.

Overnight camping sometimes occurs in and around a small wooded area located on the east bank of the river just upstream from Enloe Dam. Visitors to this area have also created a small clearing along the shoreline that is used as a small boat put-in/take-out area.

Based on the results of the 2006 visitor intercept survey, the Project Area receives about six visitors on a typical week day and about the same number on a typical weekend day. The number of visitors increases to about 14 per day on long extended holiday weekends (e.g. July 4th and Labor Day). Recreational use peaks in July, then declines but remains steady from August through October.

Most of the survey respondents were residents of Washington State; about 40 percent were from Okanogan County. Survey results showed most users were satisfied with the available recreational opportunities. Restrooms, garbage collection, picnic facilities and improved river access were the types of improvements for which respondents felt there was the greatest need.

1.4 PUBLIC ACCESS

Vehicle access to the Project Area is provided by two access roads that connect to the Loomis-Oroville Road upstream of Enloe Dam (Figure 1). The access road furthest upstream is a single-lane road with steep grades in places. The road is impassable in spring and early summer and is often inundated by spring runoff. The road remains muddy for some time after the peak spring flows. The access road nearest the dam (Enloe Dam Road) is a very steep single-lane road with deep ruts and exposed embankments. Several additional abandoned roads and trails on the east bank provide foot access to viewing areas above the river and to shoreline areas below Enloe Dam. The old powerhouse east bank access road provides foot access to the shoreline area below the Enloe Dam for boaters, miners, anglers and hikers.

There is currently no public access to the Project Area from west bank of the Similkameen River. While the western terminus of the Similkameen Trail ends near the eastern end of the Project boundary, access to the Project Area from the west bank is limited by an abandoned railroad bed (currently gated) that crosses private land and also by steep terrain. Steep terrain also limits access to portions of the Project Area further downstream of Enloe Dam. Below the Dam and Similkameen Falls, the river is confined between nearly sheer rock walls until the canyon opens just below a trestle bridge approximately two miles downstream from Enloe Dam. This downstream canyon area is accessible only on foot from the east bank via game trails and existing hiking trails. The Project Area can also be accessed by boat, either floating downstream or, in higher water, using a power boat to travel upstream.
1.5 OVERVIEW OF THE PLAN

The remainder of the RMP is organized into the following five sections:

Section 2 describes the pre-license consultation activities that took place between the District and Federal, State and Local agencies, the CCT, and other key stakeholder groups. Section 2 also describes how the RMP will be periodically updated and how those updates relate to FERC’s mandatory recreational reporting requirements.

Section 3 describes a range of recreation- and safety-related PM&E measures the District will implement to enhance recreational opportunities and improve public safety within the Project boundary. Each PM&E measure is described in detail and where appropriate a conceptual plan has been included to show the approximate location and dimensions of proposed improvements.

Section 4 describes how the District will implement the PM&E measures, including the timing and schedule of construction related and non-construction related PM&E measures.

Section 5 includes information on operation and maintenance of the PM&E measures, including details on roles and responsibilities, anticipated maintenance and repairs, and an action schedule.

Section 6 describes the proposed recreation monitoring program, including the relationship of the monitoring program to the periodic updates of the RMP and the mandatory recreation-related reporting requirements of FERC (i.e. Form 80).
2.0 CONSULTATION, PLAN UPDATES AND REPORTING

2.1 PRE-LICENSE CONSULTATION

Development of the Final License Application (FLA) for the Project involved an extensive consultation and outreach process described in Section E.7.4 Recreation Consultation Summary of the FLA. A summary of consultation activities with key resource agencies and stakeholders on issues related to recreation is presented below. Subsequently, as requested by FERC, the District convened a RWG in October 2008, developed a RMP, and filed the RMP with FERC on February 27, 2009. The RWG consultation process is described in Section 2.2.

BUREAU OF LAND MANAGEMENT

The District received Initial Consultation Document (ICD) comments related to recreation from the BLM on January 6, 2006. Since receipt of those comments, informal communications with BLM staff have been ongoing. In addition to communicating informally, District staff and members of the consulting team held consultation meetings with BLM staff at the BLM’s Wenatchee Resource Area Office on February 15, 2007 and January 16, 2008.

The purpose of the first session was to provide BLM staff with updated information about the proposed facility design and the outcomes of technical studies; and to discuss matters of particular interest to the BLM, identify issues of interest to the agency, and solicit BLM staff’s views about project proposals. The second session, in 2008, was for the purpose of addressing any concerns with the Draft License Application (DLA) that might otherwise have been submitted as written comments.

BLM staff also participated in the Meeting to Resolve Disagreements held in Okanogan on April 25, 2008. The BLM’s written comments, along with input from informal communications and the February 15, 2007 consultation session were considered in developing recreation PM&E measures and the RMP. A third meeting with BLM staff occurred at the Enloe Dam on July 1, 2008. The purpose of that meeting was to provide BLM staff an opportunity to review revised plans, maps and documents and to inspect the proposed camping/parking area near the Dam.

The District has received two letters from the BLM on the DLA, and has also received a copy of a letter sent to FERC by the BLM, requesting additional studies. The District is responding to comments from the BLM through additional filings with FERC and through a separate consultation process that was initiated as part of the District’s preparation of this RMP (See Section 2.2, below).

NATIONAL PARK SERVICE

The District did not receive ICD comments from the NPS. In informal communication, NPS staff expressed interest in consulting on the Project; and NPS has subsequently identified issues of concern in its letter of comment on the DLA and its letter to FERC requesting additional studies. The District held two information meetings early in 2007 to which NPS staff was invited; however no NPS representatives attended. The NPS participated in public information meetings, January 9 and 10, 2008, and the Meeting to Resolve Disagreements held in Okanogan on April 25, 2008.
WASHINGTON DEPARTMENT OF NATURAL RESOURCES

The District did not receive comments on the ICD from the DNR. DNR staff attended one of two information meetings hosted by the District early in 2007 for the purpose of updating and consulting with stakeholders about the proposed Project. DNR participated in public information meetings January 9 and 10, 2008 and the Meeting to Resolve Disagreements held in Okanogan on April 25, 2008. DNR’s concerns to date relate mainly to bedlands leasing and permitting issues.

RECREATION AND CONSERVATION OFFICE

The RCO prepares Washington’s Statewide Comprehensive Outdoor Recreation Plan (SCORP), which includes recommendations for private utilities operating non-federal hydropower projects under license from FERC. The District’s licensing team has communicated informally with RCO staff. The key issue raised by the RCO concerns public recreational access to lands and waters at the Project. RCO staff was invited to the two information meetings held by the District early in 2007, but did not attend.

OKANOGAN COUNTY OFFICE OF PLANNING AND DEVELOPMENT

During the ICD comment period, the District received a letter from Okanogan County authorizing a partnership for the purpose of planning and developing a proposed non-motorized multi-use trail adjacent to the Project Area (i.e. the Oroville to Nighthawk Trail). Informal communications with Okanogan County staff have been ongoing, and District staff and members of the consulting team have briefed the Board of Okanogan County Commissioners and the County Planning Commission about the proposed Project. County staff attended information meetings hosted by the District early in 2007 and 2008 for the purpose of updating and consulting with stakeholders about the proposed Project.

The proposed trail project was also on the Agenda at the District’s Board of Commissioners meeting on January 30th, 2007, during which County staff provided an update on the County’s plans and desire to move ahead with the trail project to the District Board. In addition, members of the consulting team held a consultation meeting with County staff on March 1, 2007. On October 1, 2007 the District signed a right-of-way deed with the County, providing right-of-way over the trestle and other parcels. District staff and members of the consulting team continue to communicate with County staff regarding roles and responsibilities related to the proposed trail. In November 2008 the County issued a SEPA Mitigated Determination of Non-Significance for Phase 1 of the proposed trail project.

2.2 CONSULTATION DURING DEVELOPMENT OF THE RMP

Following the filing of the FLA with FERC in August 2008, the District conducted additional consultation and outreach specific to development of the RMP. The RMP consultation and outreach effort involved the following activities:

- Invitation to participate in the consultation process, mailed on October 13, 2008 to representatives of the BLM, the CCT, the DNR, the Greater Columbia Water Trail Coalition (GCWTC), the NPS, the Okanogan County Office of Planning and Development, the Pacific Northwest Trail Association (PNTA), United States Fish and Wildlife Service (USFWS), the Washington Department of Fish and Wildlife (WDFW), Ecology, the Washington Water Trails
• Consultation meeting, October 27, 2008. The agenda for the first consultation meeting included introductions, overviews of the consultation process and of recreational resources, a discussion of recreation management (including identification of issues and concerns, and stakeholder input), and establishment of a schedule and next steps.

• On October 31, 2008, a copy of the FERC’s letter regarding “Application Accepted for Filing and Request for Additional Information,” dated October 28, 2008, was sent to the BLM, the NPS, the DNR, and the RCO, as requested by the FERC.

• On December 3, 2008, the District circulated an initial draft of the RMP to the BLM, the NPS, the DNR, and the RCO. Copies of the Draft RMP were also provided to three grazing lessees who currently use Project lands.

• Consultation meeting, December 9, 2008. The agenda for the second consultation meeting included introductions, a review of recreation management issues and proposals, a presentation the information in the initial draft of the RMP, and a comment and discussion period. Prior to the meeting, the NPS submitted a letter to the District with comments on the Draft RMP.

• Consultation meeting, January 13, 2009. The agenda for the final consultation meeting included introductions, a review of changes made to the initial Draft RMP in response to comments received at the December 9, 2008 consultation meeting. Copies of the revised RMP were distributed at the meeting and sent via email and regular mail to all agencies and other individuals and groups participating in the RMP process. Consultation participants were asked to provide written comments on the RMP by February 12, 2009 (i.e. 30-day review period).

• The District revised the RMP in response to input received from stakeholders at the January 13, 2009 consultation meeting and written comments received during the 30–day review period.

• The RMP was filed with the FERC on February 27, 2009.

2.3 CONSULTATION DURING THE RMP UPDATE

As specified in Article 410, the District worked closely with the RWG to prepare this updated version of the February 2009 RMP. The update process involved four RWG meetings and a formal 30-day comment period, during which the RWG had the opportunity to review and comment on the District’s updated RMP. A summary of the RWG meetings and comments received on the updated RMP are presented below.

• Consultation meeting, December 18, 2013. The agenda for the this meeting included introductions, a recap on how the original RMP was developed, details on the recreation requirements in Article 410 of the FERC license, a detailed review of the current RMP, and a discussion of how the District and the RWG would work together to develop and undated RMP.
• Consultation meeting, February 7, 2014. The agenda for this meeting included a review of several design concepts for recreation improvements at Enloe Dam and Miner’s Flat, including trailered and non-trailer design options for the new boat ramp, camping, and picnic area; details on the portage trail and amenities to be located downstream from the Dam; and possible improvements at Miner’s Flat.

• On March 10, 2014, the recreation concept design, for both Miner’s Flat and the main recreation area, was review by the CRWG. The CRWG had no comments or concerns.

• On March 14, 2014, an updated version of the RMP, with refined concept drawings for improvements upstream and downstream of the Dam and at Miner’s Flat, was circulated to the RWG one week prior to the next scheduled RWG meeting.

• Consultation meeting, March 21, 2014. The agenda for this meeting included a review of the Final Concept Plan for recreation improvements at Enloe Dam and Miner’s Flat and discussion of the updated version of the RMP distributed to the RWG on March 14, 2014. RWG members were allowed to submit comments until March 28, 2014.

• On April 18th, 2014 an updated version of the RMP was circulated to the RWG one week prior to the next scheduled RWG meeting.

• Consultation meeting, April 25, 2014. The agenda for this meeting included a review of the Final Draft RMP and began the 30 day comment period.

2.4 FUTURE PLAN UPDATES AND REPORTING

In compliance with Article 401 of the Project’s FERC license, the District, in consultation with the BLM and other agencies and stakeholders as appropriate, will review, update, and/or revise the RMP every six years, if FERC Form 80 monitoring indicates significant changes in recreation use or conditions, or substantial differences in use versus capacity of recreation facilities. Changes or revisions to the RMP would be expected if recreation resource conditions change as a result of unforeseen effects, either from new or existing Project-related activities or from natural events. Changes may also be implemented if ongoing monitoring indicates that resource objectives are not being met and/or it is determined that a specific PM&E measure is not providing the intended result and needs to be revised or replaced.

Any updates to the RMP will be prepared in coordination and consultation with the RWG, as appropriate. A minimum of 30 days will be allowed for the RWG to comment and make recommendations before the District files the updated plan with FERC. The District will include all relevant documentation of coordination/consultation, including copies of comments and recommendations, with the updated plan filed with FERC. If the District does not adopt a particular recommendation, the filing will include the reasons for not doing so, based on Project-specific information. A copy of a blank FERC Form 80 is included in Appendix A.

Additionally, within six months of completion of all recreation amenities, the District will update the FERC Recreation Amenities Table included in Appendix B.
RECREATION PM&E MEASURES

The RMP describes recreation features that the District has agreed to install and maintain in compliance with Article 401 of its FERC license. The section below provides further descriptions of each of these recreation features. Detailed site descriptions and conceptual design drawings are provided in Appendix C to show the locations and physical characteristics of proposed recreational facilities.

2.5 PM&E BOTA-03: ABANDON EXISTING SHORELINE ROAD AND RESTORE EXISTING ROAD

This PM&E measure addresses BLM’s request that the District improve the one-lane access road (i.e. Oroville-Tonasket Irrigation District Road) that extends approximately 1.3 miles from the Loomis-Oroville Road (County Road #9425) to Enloe Dam (Figure 1). The District will restore the road surface by smoothing out bumps, filling potholes and adding a new layer of crushed rock, where required.

A 2,000 foot long segment of the existing access road located along the east bank of the impoundment will be abandoned and closed to vehicle traffic. The roadway will be relocated approximately 200 feet to the east (up slope) to protect wetlands, reduce impacts to cultural resources, and make the road more accessible during spring, summer and fall months for all users. The new roadway segment will follow the alignment of an old irrigation canal road.

Large rocks will be placed at both ends of the abandoned roadway segment to prevent continued vehicle access. Pedestrian use of the abandoned roadway segment will be discouraged until riparian vegetation planted in that area has become established. Other existing unimproved spur roads in the Project Area will also be closed to vehicles by blocking entry points with large rocks.

Because the main access road will remain a one-lane road (approximately 14 feet wide in most places), vehicle turnouts will be constructed in appropriate locations along the road to allow vehicles traveling in opposite directions to safely pass one another. The number and spacing of vehicle turnouts will be determined during the design phase, based on standard safety and sight distance requirements. If an existing bridge is used to cross an abandoned irrigation canal or natural draw, the bridge will be evaluated to ensure that it can safely accommodate anticipated vehicle loads. Additional design details for the access road and any proposed crossing structures will be provided to BLM prior to construction.

PM&E REC-01: Install Barricades and Fencing to Control Livestock and Prevent Unauthorized Access

This PM&E measure is intended to accomplish the following objectives:

- Protect public health and safety;
- Safeguard the security of the hydropower generating facility; and
- Protect wetlands and riparian areas (including mitigation sites).

All three objectives are addressed together in this section to provide a coherent presentation of the District’s plans for fencing and other barricades that will affect public access and livestock movement.
within the Project Area. The fences and barricades (including locations and materials) to be installed are as follows:

SAFETY/SECURITY FENCE

Currently, a chest-high approximately 100-foot long chain-link fence separates visitors on the east bank of the river from Enloe Dam and the lower reaches of the impoundment. No other fences are currently present on the site. The District will remove the existing fence and erect a new fence (at least six feet high) along the upland perimeter of the power generating facilities, including the intake channel, penstock intake, penstocks, powerhouse and tailrace (Figure 1). The fence will be constructed of small mesh chain link material finished in visually compatible color consistent with the Aesthetics Management Plan (Figure 2). A top rail will be installed to keep the fence from sagging. District staff and other authorized personnel will have keys to access selected locked gates.

CATTLE FENCING

Currently, three ranchers have rights to graze cattle on BLM land within the Project Area. Because there are no fences to limit or control livestock access, cattle freely roam the entire site. Cattle access the river for drinking water wherever the topography allows.

In order to improve water quality, prevent cattle from entering the proposed recreation site, and prevent damage to wetlands and proposed riparian/wetland mitigation sites, the District will install an 8,000-foot-long cattle fence along the eastern boundary of the Project Area from Shanker’s Bend to Enloe Dam (Figure 2). At its northern end, the cattle fence will tie in to a rock outcrop just south of the apex of Shanker’s Bend. Cattle will have access to the river just upstream from the rock outcrop. At its southern end, the fence will tie in to another rock outcrop just east of the proposed powerhouse.

The configuration of the cattle fence will be consistent with BLM guidelines for livestock fencing installed in areas inhabited by common ungulate species (BLM Manual Handbook H-1741-1 Fencing). The fence will consist of three well-stretched horizontal wires with the top wire no more than 38 inches above the ground. The other wires will be spaced at intervals 16 and 26 inches above the ground. The bottom wire will be smooth and the other two wires will be barbed. This configuration will reduce injury to fawns and yearling deer who often try to move between lower fence wires. Adult deer easily jump a fence with a top wire 38 inches above the ground. For the safety of recreators, cattle fencing around the recreation site will consist of three well-stretched non-barbed horizontal wires. One access point through the fence for pedestrians will be provided near the north end of the recreation site.

The District will install a stock watering tank approximately 300 feet upslope from the river, just inside the Project Boundary and north of the proposed recreation site, as an alternative source of drinking water for grazing cattle. The tank will be supplied with water from an existing pump and water line located on the east bank of the river. The pump and water line is owned by one of the grazing lessees. The grazing lessee has an existing water right to withdraw water from the river for stock watering purposes. The District will monitor the need to install a security fence around the pump and electrical power system to discourage vandalism and theft if it becomes a problem.

A cattle guard will be installed where the cattle fence crosses the main access road to the Dam. The cattle guard grid will be designed to bear the maximum expected vehicle load (which may include
construction equipment). A gate (accessible only by authorized personnel) will be installed where the cattle fence crosses Enloe Dam Road.
Figure 2. Fencing Plan
BARRIERS TO RESTRICTED AREAS

The District will install locked gates and rock barricades to control vehicle access within the Project boundary. The proposed barriers and access restrictions are described below:

- Locked metal gates will be installed at the upper end of Enloe Dam Road to prevent unauthorized vehicles from using the road (Figure 1). The road is very steep and is not maintained for passenger vehicles. Visitor access to the Project Area will be via the main access road described in Section 3.1 and shown in Figures 1 and 2. Because Enloe Dam Road is a county road, the District will work closely with Okanogan County on plans to close the road to public vehicle access. While pedestrians will be able to walk along the road they will not be able to use the road to access the recreation site or areas below the Dam. District staff and other authorized personnel will have keys to the locked gates. The District currently has no plans to install a gate at the entrance to the main access road off of the Loomis-Oroville Road.

- A locked metal gate will also be installed where the access road to the recreation site intersects the access road to the area below the Dam (Figure 2). Only District staff and authorized personnel will have keys to open the gate. Large rocks spaced approximately three feet apart will be used to prevent visitors from attempting to drive around the gate. Visitors (including those portaging rafts, canoes, kayaks and mining equipment) will be able to access the area below the Dam by using a trail to be located near the west end of the gate (see portage trail discussed in section 3.3, below).

- Rock barricades will be placed along the edge of the access road to the recreation site, adjacent to the wooded area and near Picnic Area II, to prevent vehicles from entering the wooded area and negatively impacting soils and vegetation (Figure 2). Rock barricades will also be placed along the turn-around loop, trailer parking area and boat launch (Figures 3 and 4).

OTHER CONSIDERATIONS

During the licensing process, a fence was considered for installation around the riparian woodland to prevent vehicles and livestock from entering the area and damaging existing or restored vegetation. The fence, as described in the FLA, is not required by the Project’s FERC license and is longer considered necessary and will not be installed for the following reasons:

- A new cattle fence (described below) will prevent livestock from entering the riparian woodland and other restored areas along the shore of the impoundment.

- Rock barricades will be installed along the edges of the entrance to the boat ramp (also described below) to prevent vehicles from entering the woodland. Additional barricades (i.e., rocks or rails) will be installed along the riverside edge of the roadway providing access to the boat ramp and camping/picnic area. Rough terrain and dense vegetation will prevent vehicles from entering the woodland from other locations.
Figure 2. Project Access Roads
2.6 PM&E REC-02: PROVIDE RECREATION ACCESS BELOW ENLOE DAM

This PM&E measure addresses requests from BLM, NPS, the GCWTC and the WWTA, that the District maintain and improve access to the Similkameen River, including portage trails around Dam facilities.

The construction of the new power generation facilities will require upgrading or replacing portions of the abandoned road, which currently provides foot access to areas below Enloe Dam, including the rocky area above Similkameen Falls and the lower reaches of the Similkameen River. Approximately 880 feet of the abandoned road between the proposed recreation site and the site of the 1906 power house will be upgraded for vehicle use during construction of the new power generation facilities (Figure 2). The road section will be restored to a width of approximately 14 feet and the surface will be smoothed and resurfaced with crushed rock.

Options for providing access to the river corridor below Enloe Dam (including portage options) are limited by site factors; steep, rocky terrain on both sides of the access corridor and the confined river channel. Generation facility design and security requirements also limit options for improving access to areas below the Dam.

During the RMP consultation process, the District agreed to designate and improve a single trail for public recreation access to the river below Enloe Dam. The District will allow hikers and visitors portaging watercraft or recreational mining equipment on foot to use the improved access road between the recreation site and the powerhouse. The District will also improve approximately 350 feet of existing trail between the improved access road to the powerhouse and the southernmost interpretive display (Appendix C). The trail will be widened to approximately 6 feet, leveled, smoothed and surfaced with gravel to provide barrier free access to all users.

The District will also improve pedestrian river access at the southern end of the existing trail. A wooden or steel walkway ramp and staircase structure will connect the end of the improved trail to the river’s edge. The structure will have wooden or steel posts and braces, where needed, to provide support for the ramp staircase down the existing rock and cliff area. The walkway, posts, and supports will terminate above the river’s high-water mark in order to minimize damage from flood waters and floating debris. Handrails will be installed on both sides of the structure. Other existing footpaths leading from the upper trail to the river’s edge will be closed by placing rocks at the existing entry points to discourage use. Anglers will be able to access the popular fishing areas below the falls using the improved footpath.

At this time, providing public access to the west bank of the river is not part of the RMP. The District is receptive to proposals to restore the footbridge across river if a proponent and source of funding were to come forward. The District will continue to coordinate with federal and state agencies and local historical societies to explore funding sources for restoring the footbridge.

2.7 PM&E REC-04: IMPROVE EXISTING INFORMAL BOAT RAMP

This PM&E measure addresses requests from BLM, NPS and the GCWTC for the District to improve boat put-in, take-out, rest stops, camping sites, parking and other amenities at the Enloe Dam site to enhance
water trail opportunities. The District will address these requests by installing a new boat ramp in approximately the same location as the primitive put-in/take-out now used by recreational boaters (Figure 2).

The boat ramp will be accessed from the same road used to access the camping/picnic area. The boat ramp access road will be approximately 20 feet wide and surfaced with gravel and will be accessible to vehicles with trailers and recreators carrying watercraft on foot. The boat ramp itself will be constructed of gravel geoweb materials or concrete planks. Changing water levels will be accounted for in the design of the ramp. If necessary, a trash deflector will be installed to protect the boat ramp from floating debris.

Rock barricades will be installed along both sides of the entrance to the boat ramp access road to prevent vehicles from entering the adjacent woodland area. The rock barricades would consist of three-man rocks placed approximately 3 feet apart. A “three-man” rock is defined as a rock weighing 750-3,500 pounds and measuring approximately 24 to 36 inches on each side.

A gravel surfaced vehicle and boat trailer parking area will be located approximately 200 feet from the water’s edge near the camping/picnic area (Figure 2). These improvements will facilitate access for current and future users and will enhance efforts to improve the Greater Columbia River Water Trail for the benefit of its future users.

2.8 PM&E REC-05: CLEAN UP AND RESTORE WOODED AREA ON EAST BANK

This PM&E measure addresses similar requests from BLM, NPS and the GCWTA related to PM&E REC-04, above. This PM&E is specific to the wooded area on the east bank of the impoundment, just upstream of the Dam. The District will clean up and restore the wooded area, including removing trash, auto bodies, and other debris from within the wooded area, to enhance the visitor experience. Restoration will include planting native vegetation appropriate to the site in areas that have been degraded by vehicle use and informal camping. The area is expected to be more visually appealing after trash and debris have been removed and vegetation restored. Currently, dense vegetation, including thick stands of poison ivy, covers much of the area.

After clean-up and restoration of the wooded area, District personnel will qualitatively monitor restored areas for excessive user impacts to native vegetation. If impacts from dispersed recreation are found to negatively impact the reestablishment of native vegetation, the District will consider installing barriers, or other appropriate measures, to restrict pedestrian access to restored areas.

2.9 PM&E REC-06: DEVELOP AN INTERPRETIVE PUBLICATION

This PM&E measure addresses the BLM’s request that the District develop a map of the Enloe Dam Project Area that illustrates recreation sites and access. The interpretive publication will include a map of the Project Area that illustrates recreation sites and access. The map will be suitable for printing as a stand-alone piece that can be posted on an information board. The objective of the interpretive publication is to enhance the recreational experience in the Project Area and vicinity by making it easier
for site visitors to park their vehicles; load and unload recreational equipment; portage; find trailheads, campsites, and picnic areas; and generally enjoy the area.

The interpretive publication will be a full-color tri-fold, tri-sided brochure consisting of six panels; three on the front and three on the back. When opened, the size of the brochure would be 8-1/2 inches by 11 inches. Interpretive information will include a photo of Enloe Dam on the front cover. Interpretation of the natural habitat, geology and wildlife of the surrounding landscape, historic use and settlement, or the adjacent rail corridor could be highlighted on the inside front panel, while information about the site, how to portage around the Dam, safety and conservation information, and a map of the Enloe Dam area, would make up the three inside panels. The back panel will include general contact information and a list of other nearby points of interest and recreation opportunities.

2.10  PM&E REC-07: REMOVE EXISTING TRASH AND CONDUCT ANNUAL CLEANUP

This PM&E measure addresses the long-term problem of illegal trash dumping and BLM’s request that the District improve control of illegal dumping of trash and refuse on Project land. The implementation of this PM&E measure will improve the aesthetic value of the recreational experience in the Project Area. In addition, it will improve public safety and eliminate potential public health concerns.

The District will remove existing trash from the following areas:

- The wooded area on the east bank of the reservoir, just above Enloe Dam
- The Oroville-Tonasket Irrigation District (OTID) Ditch Road access leading from the Loomis-Oroville Road to the Enloe Dam site
- Unimproved shoreline areas within the Project Area, including Shanker’s Bend and area below Enloe Dam

The District will coordinate with user groups and area civic organizations to arrange an annual clean-up to remove trash and dumped materials that accumulate within the Project Area. Signs stating the District’s “Pack it In/Pack it Out” policy will be installed at the entrance to the main access road off of the Loomis-Oroville Road and on the information board located within the new recreation site upstream of Enloe Dam. Because District personnel will be visiting the site several times each month, if trash or illegal dumping becomes a concern, it will be removed as soon as practical.

2.11  PM&E REC-08: DEVELOP PARKING AREA (INCLUDING VAULT TOILET)

This PM&E measure addresses the BLM’s request for an improved park-like area near Enloe Dam that includes a parking area and vault toilet. The District has prepared a concept plan for the recreation site that includes parking, a vault toilet and other amenities (Appendix C).

The recreation site will be located in a relatively flat area next to the riparian woodland just upstream from Enloe Dam. The design concept for the recreation site is based on a two-way access road that will circulate traffic through the recreation site and provide easy access to the boat ramp, boat trailer
parking area, hiking portage trail, camp sites, picnic areas, and restroom facilities. The access road, adjacent to the recreation area, will be approximately 20 feet wide, surfaced with gravel and allow two-way traffic.

A gravel surfaced parking area with spaces for up to five vehicles will be located near the restroom facilities. In accordance with License Article 410, the District and the RWG discussed and included specific features into the recreation site design to promote access for those with disabilities. One of the parking spaces will be designated for disabled use. The District will install one standard universally accessible single vault toilet for recreational users at the south end of the parking area (Figure 2) connected by a limited slope pathway to the disabled parking space. The disabled parking space will be located adjacent to a 5-foot wide universally accessible path that provides direct access to the restroom facilities.

Waterless vault toilets can use passive or mechanical ventilation to control odors, and require periodic pumping for complete disposal of waste. When properly sited, designed, and constructed, both passive and mechanical systems are effective at eliminating odors. Passive ventilation systems require proper siting downwind from high use areas. One passive vault toilet will accommodate current and anticipated use at the site and will require pumping only once a year.

Large rocks will be used as needed to direct traffic, protect facilities, and designate the parking areas. Because space is limited, vehicles with boat trailers will be directed to use a 45-foot wide gravel parking area located between the camping area and the restroom facilities. The boat trailer parking area will be able to accommodate up to two standard vehicles with attached trailers.

Table 1 lists the design elements, standard dimensions, and materials that will be provided as part of this PM&E measure.

**Table 1 Design Elements, Dimensions and Materials**

<table>
<thead>
<tr>
<th>Elements</th>
<th>Number</th>
<th>Standard Dimensions</th>
<th>Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard parking stall</td>
<td>5</td>
<td>10’ width x 25’ length</td>
<td>Packed gravel for dust control</td>
</tr>
<tr>
<td>Disabled parking stall</td>
<td>1</td>
<td>16’ width x 25’ length</td>
<td>Packed gravel for dust control</td>
</tr>
<tr>
<td>Curb stops</td>
<td>5</td>
<td>6’ length</td>
<td>Concrete</td>
</tr>
<tr>
<td>Path from parking area to restroom facilities</td>
<td>1</td>
<td>5’ wide x 60’ length; minimum slope</td>
<td>Packed gravel for dust control</td>
</tr>
<tr>
<td>CXT Gunnison Universally Accessible Vault toilet</td>
<td>1</td>
<td>1,000 gallon capacity or 15,000 uses Concrete pad, walls and roof.</td>
<td></td>
</tr>
<tr>
<td>Boat trailer parking and pull-through</td>
<td>2</td>
<td>45’ wide x 65’ length</td>
<td>Packed gravel for dust control</td>
</tr>
</tbody>
</table>
Development of the recreation site will involve a range of land-disturbing activities including clearing, grading, soil excavation and placement of fill. During the construction phase, soil stabilization procedures and soil erosion and sediment control measures will be implemented as described in the Erosion and Sediment Control Plan (available in the Enloe Dam 401 Water Quality Certification, Appendix E; Section 5.0). All disturbed areas will be re-vegetated following completion of construction activities.

2.12 PM&E REC-09: INSTALL PICNIC TABLES

This PM&E measure specifically addresses BLM’s request that the improved park-like area near Enloe Dam includes picnic tables. The District will install picnic tables in two areas of the new recreation site (Figure 2). The areas will be designated for day-use picnicking, although overnight campers will be able to use the picnic facilities as well.

The first site (Picnic Area I) is located in the southeast corner of the recreation site on the outside edge of the access road. This area is slightly wooded, providing natural shade and views toward Enloe Dam. Two tables will be spaced approximately 25 to 50 feet from each other to provide privacy. The second picnic area (Picnic Area II) will be located in the southwest corner on the outside edge of the access road. This site provides overlooking views of the placid water of the reservoir. Two picnic tables will be clustered together to accommodate larger groups. Parking for both picnic areas will be provided in the parking area located at the south end of the recreation site near the restroom facilities.

Picnic tables will be placed on a leveled surface and be constructed of durable, environmentally-friendly material such as TREX® or recycled plastic. Each table will be anchored to the ground or secured to an existing site feature (such as tree or utility pole) with a chain. Both picnic tables in Picnic Area II will be wheelchair accessible to accommodate those with disabilities.

Shaded areas within the recreation area are limited due to the existing semi-arid steppe climate. In response to concerns about the lack of shade for recreators, the District has relocated the picnic areas from their original proposed locations to areas where existing natural shade is present. Picnic Area I will be shaded by a large lilac trees and Picnic Area II will be shaded during most times of the day by existing nearby trees and vegetation. The District considered planting additional shade trees, but ultimately declined to do so, due to the difficulty of establishing nonnative shade trees in a semi-arid environment.

2.13 PM&E REC-10: DEVELOP PRIMITIVE CAMPSITES

The District will develop four primitive campsites near the parking and picnic areas described above (Figure 2). Campsites will be accessed by a 16 foot wide, single-lane, gravel surfaced dead-end road. Due to site limitations, a turn-around will not be provided, instead, a sign will be placed at the entrance to the camping area stating “Dead-End – No Turn Around.” If problems occur with this arrangement, adding a turn-around will be revisited at that time. Each campsite will be approximately 50 feet wide by 50 feet long and include parking for one standard vehicle, a picnic table, fire ring, and ample space to accommodate a family-size tent. Rock barriers will be installed to serve as curb stops and to define the boundaries of individual campsites. Picnic tables will be similar to those described in Section 3.9 and will be anchored in the ground. Fire rings will be anchored in concrete and be surrounded by 3 feet of gravel.
in all directions to reduce fire danger. Campsites will be available on a first-come-first-serve basis and overnight stays will be limited to a maximum number of 14 consecutive nights. The District’s overnight stay policy will be clearly posted on the information board at the recreation site.

2.14 PM&E REC-11 & 12: INFORMATIONAL AND INTERPRETIVE SIGNS

This PM&E measure addresses requests by the BLM and the GCWTC that interpretive signs be installed in areas where visitors access trails, the river, recreation facilities, and other Project features, such as Enloe Dam and powerhouse (Figures 2 and 3).

The District will place at least three interpretive signs (display panels) in areas accessible to visitors. Sign locations and topics will be consistent with those specified in the Historic Properties Management Plan (HPMP), and will be finalized during the design phase. The preliminary list of proposed sign locations and topics is as follows:

- One display panel at or near the old bridge tower, below Similkameen Falls, the focus of which would be the history of power generation at the site.

- One display panel at or near the 1906 powerhouse foundation at the end of the new access road, the focus of which would be a Native Legend related to the falls and fish.

- The District will place an information board adjacent to the recreation site as shown in Figure 2, which would have smaller versions of the two other panels as well as interpretive information on the environment (e.g., wetland, riparian, and shrub-steppe functions and values) around the Project area. The information board will feature a vertical painted board (on which information will be posted) supported by wooden or recycled plastic posts and protected from weather with a shed roof. At a minimum, the information board will include a map showing recreational features in the Project Area, visitor rules, the District’s “Pack it In/Pack it Out” policy, and safety information. The safety information will caution visitors about poisonous snakes, fireworks, unattended camp fires and swimming in the river. The information board will also acknowledge BLM land ownership and partnership on the Project.

- A sign will be posted at the Project access road near the intersection with Loomis-Oroville Road to display the snow plowing schedule, the District’s “Pack it In/Pack it Out” policy, and any pertinent fire information.

The proposed sign locations are shown in Figures 2 and 3. The exact locations of the signs may change slightly to ensure that they do not obstruct views of other Project features and are placed in appropriate locations relative to the features being interpreted.

The display panels will be approximately 24 inches wide and 36 inches long mounted at hand level and set at an angle for ease of viewing. The materials for the display panels will be determined during meetings with key stakeholder groups considering factors such as durability, appearance, cost, and maintenance requirements. The signs will be either vandal-resistant or easy to replace. Each sign will
be mounted on a metal, wood, or recycled plastic base set in concrete. The District’s logo will be incorporated into the design of each sign and BLM partnership on the Project will be acknowledged.

The display panels will include both text and visual elements. The visual elements may include historic photos or illustrations, depiction of habitat and wildlife, timelines, and maps. The aim will be to develop visitor understanding of the cultural, historical and biological resources in the Project Area and to enhance a visitor’s experience.

2.15 PM&E REC-14: MINERS FLAT BOAT TAKE OUT

Article 410 of the Project’s FERC license requires the District to develop a boater take-out at Miner’s Flat, including upgrades to the existing access road connecting the Loomis-Oroville Road to the boater take-out, if necessary. Appendix C shows the concept plan for the recreation site improvements at Miner’s Flat. All planned improvements will occur within an approximately 1 acre area that has been added to the Project boundary. Improvements include periodic maintenance of the 24-foot wide access road and installation of crushed rock on approximately 4,200 square feet of the road between approximately elevation 1,070 and 1,080 feet msl.

2.16 PM&E REC-16: BUILDING REMOVAL

Under this PM&E measure, and in accordance with Article 413, the District will remove one small deteriorating building from the north end of the proposed Enloe Dam Recreation Area within the first year of its FERC license.

2.17 PM&E REC-17: SNOW PLOWING SCHEDULE

Upon completion of recreation site construction, the District will implement a snow plow schedule to provide winter recreational users and project maintenance staff access to the project site. Due to limited snowfall in the project area, the District intends to plow the project access road on an as-needed basis. After a major snow event, District personnel will inspect the access road to determine whether plowing is needed. The District’s plowing policy will be posted at the entrance to the project site.

2.18 ADDITIONAL PM&E MEASURES TO IMPROVE PUBLIC SAFETY

Operation of the Project will be automated – most of the time there will be no District personnel present at the Project site. No monitoring or surveillance of the recreation site or areas used informally for recreation is planned at this time.

Public safety within the Project Area including the new recreation site is under the jurisdiction of law enforcement agencies including the Okanogan County Sheriff’s Office. The District will coordinate with the Okanogan County Sheriff’s Office, the Okanogan County Department of Emergency Preparedness, Okanogan-Douglas County Fire District #15, and other federal and state agencies, including and search and rescue organizations, to ensure that an appropriate level of public safety exists within the Project Area. The District will also explore partnerships with the BLM, WDFW, Homeland Security, and County
and State law enforcement to assist in enforcing management decisions and site restrictions, and possibly providing emergency communication at the proposed recreation site.

In the interest of promoting public safety for all those who participate in recreational activities within the Project Area, the District has committed to the following additional PM&E measures:

**PM&E SAFETY-01: MAINTAIN WARNING SIGNS, SAFETY CABLE AND GRAB ROPES**

The District will continue to maintain the existing signs and system of safety cables and grab ropes above Enloe Dam. As recommended by the FERC, the existing system of safety cables and grab ropes is located more than 300 feet from Enloe Dam and the proposed intake channel at a narrow point in the river. The cables and grab ropes serve as a means of restraint and escape for people approaching the spillway that were not able to exit the water at the boat ramp as directed by instructional signs and warnings. A log boom will be placed at the entrance to the intake channel to serve as a restraining barrier for any boaters or swimmers approaching the intake channel.

The District will also install canoe and kayak portage signs informing boaters and paddlers where to take out. Portage signs will be large enough to direct canoeists and kayakers to safe take-out locations. As is currently the case, information on the signs will be printed in English and Spanish. The size of lettering, and the signs themselves, will be of sufficient size that persons (even those with less than perfect eyesight) will not have to enter the danger zone to read the signs. Dam safety/warning signs will be designed so that when a boater is 300 feet away, the signs will be legible and easily noticed. Text on the signs will be worded to convey a message that clearly advises the reader of the real danger with statements such as: “Danger - Dam Ahead,” “Danger of Drowning,” or “Stay Alive by Staying Out.” International symbols indicating “danger” or “hazard” will be included on the signs to alert boaters who cannot read English or Spanish.

**PM&E SAFETY-02: ALLOW LIMITED PUBLIC ACCESS TO THE PROJECT AREA DURING CONSTRUCTION**

The District will allow limited public access to the Project Area during the 3 year construction period. Public access will limited to areas upstream of the dam, outside of construction and staging areas. Access to the boat ramp, near Enloe Dam, will be maintained during most of the construction period. During periods when the boat ramp is not available for use, a sign will be placed upstream to alert boaters to use an alternate take out location.

Because of safety and liability concerns, the area along the east bank of the river (extending approximately 250 feet above the dam and 550 feet below the dam), including all areas of active construction and materials stockpiling, will be off-limits to the public until major construction activities are completed. The off-limits area will be completely enclosed by a temporary chain link security fence. Signs will be erected at the entrance to main access road alerting visitors that construction activities are taking place and that portions of the site may be closed to public use. The District will continue regular site inspections and visitor contact during periods of active construction.

**PM&E SAFETY-03: IDENTIFY OPTIONS FOR PREVENTING PUBLIC ACCESS TO THE OLD POWERHOUSE**
The District has coordinated with BLM and other land owners to prevent public access to the old powerhouse. The District has installed warning signs and a gate at the entrance to the powerhouse. The District will continue to maintain the gate and signage until another party assumes ownership and management of the powerhouse or until the powerhouse and penstock are demolished and removed. The District will continue to coordinate with BLM and other landowners during this time. The District will allow 5 years to identify potential partners to restore the old powerhouse for interpretive opportunities.
3.0 IMPLEMENTATION

The District will implement the recreational improvements and actions described in Chapter 3 above in order to improve public access and recreational use of Project lands and waters. New recreation improvements have been designed in consultation with the RWG and will be constructed in accordance with all applicable design specifications in effect at the time of permitting and construction. The District will be responsible for scheduling and/or performing all needed activities, including the provision of necessary personnel, equipment requirements, materials purchase and management oversight.

3.1 SCHEDULE AND PHASING

CONSTRUCTION RELATED PM&E MEASURES

Improvements to the access road (BOTA-03) are scheduled to occur within 6-months of initiating construction to help facilitate movement of equipment, workers and supplies to the power station site. Installation of fencing (REC-01) and construction of the boat ramp (REC-14) would be completed within 12 months of completion of dam facilities and powerhouse. Construction of the parking area and vault toilet (REC-08), picnic area (REC-09), campsites (REC-10), including the recreational access below the dam (REC-02), would occur within 12 months after all dam and powerhouse related construction has been completed. Installation of interpretive signs (REC-11) and the information board (REC-12) would also occur at that time.

The sequence of principal activities through the engineering design and construction phases of the project will be developed with the project engineer, consistent with the requirements of the Project’s FERC license. The schedule will describe phasing of engineering design and construction activities relative to the seasonal weather and river conditions of the site.

NON-CONSTRUCTION RELATED PM&E MEASURES

At the same time work is underway on the boat ramp, trash and other debris will be removed from the wooded area and the degraded areas within the woodland will be restored (REC-05). The annual collection and removal of trash and illegal dumping (REC-07) will begin when recreation site construction is complete, and will be completed annually within two months of the end of the summer recreation season. Activities related to transfer of ownership of the trestle bridge from the District to Okanogan County were completed in 2007. The development of the interpretive publication and map (REC-06) will be finalized at the time that the campground is developed and will be ready for distribution by the beginning of the recreation season.
4.0 OPERATION AND MAINTENANCE

This section describes the ongoing recreation-related operation and maintenance activities expected to occur at the Project site during the period of the license. A schedule and estimate of annual recreation-related operation and maintenance costs is also provided.

4.1 FACILITY MAINTENANCE AND REPAIRS

The District will be responsible, either directly or indirectly through a formal partnership, for maintaining recreational assets in an acceptable condition through routine maintenance, repair and replacement. Routine maintenance serves only to keep the facility in an ordinary, efficient operating condition and includes activities such as minor repairs, painting, replacement of minor parts and minor structural components. Routine maintenance neither materially adds to the value of the property nor appreciably prolongs its life. Routine maintenance excludes activities aimed at expanding the capacity of an asset or otherwise upgrading it to serve needs different from, or significantly greater than those originally intended.

Repair and replacement activities occur less frequently and are the result of wear from normal use, naturally occurring damage, and/or acts of vandalism. Facilities and features have been selected that are resistant to damage or vandalism, or relatively inexpensive to repair or replace. The repair of recreation features, which could include the replacement of certain items, will be conducted on an as-needed basis as soon as practical after being identified through regular facility inspections. Recreation features will be inspected during normal maintenance visits and any recreation features that are identified as broken or in need of repair will be repaired or replaced.

4.2 ACTION SCHEDULE

Routine maintenance and site inspections of all recreation-related facilities and Project features will be conducted on year-round basis by authorized District personnel. Each year, prior to the start of the recreation season, the District will conduct a more extensive repair and replacement effort to ensure all facilities are operational and in good condition.
5.0 RECREATION MONITORING PROGRAM

In accordance with Article 411 of the Project’s FERC license, the District will file a Recreation Monitoring Plan with FERC within 90 days of Project construction. The Recreation Monitoring Plan will be developed in consultation with BLM, NPS, Ecology, RCO, and CCT, and will be maintained as an appendix to the RMP. The monitoring program will assess the number of visits and level of use of recreation-related facilities within the Project Area by facility and type of use. Information gathered during monitoring will be used to prepare mandatory FERC required reports (i.e. Form 80) in compliance with Article 410 and assess the adequacy of recreation-related Project features. A description of the proposed components of the recreation monitoring program is presented below.

5.1 RECREATION MONITORING AREAS

The Recreation Monitoring Plan will include:

1. A discussion of proposed methods for monitoring recreation use at the project and conducting an on-site user survey to assess satisfaction with recreation opportunities at the project, including satisfaction with project recreation facilities and views of the flows over Enloe Dam and at Similkameen Falls;

2. An implementation schedule;

3. A provision for filing a report that includes at a minimum: (a) the results of the monitoring conducted pursuant to item (1) above; (b) an estimate of the amount and type of recreation use at the project by facility and type and of use; (c) a discussion of the monitoring results and the need for any additional recreation measures based on the results; (d) a description of any proposed measures to address any needs identified in item (c) above; and (e) documentation of consultation with the entities consulted on the Recreation Monitoring Plan. The District shall allow a minimum of 30 days for the RWG to comment and to make recommendations before filing the report with the Commission. If the District does not adopt a recommendation, the report shall include the District’s reasons, based on project-specific reasons.

5.2 RECREATION MONITORING SCHEDULE

After completion of the project, the District proposes to conduct agency, outfitter, and stakeholder group interviews annually and to conduct recreational use surveys every six years in accordance with the reporting schedule specified in FERC Form 80. Staff observation will be ongoing, with results compiled annually and shared with BLM. The recreational use survey timeline will adhere to the schedule established by the FERC for submittal of Form 80. Each survey will be conducted during the year prior to the year during which Form 80 is to be submitted, so that recreational use can be assessed during the peak recreational season, findings processed, and Form 80 completed and submitted to FERC prior to April 1 of the following year.
5.3 ASSESSING NEEDS

The RMP will be reviewed, updated, and revised every six years in coordination with FERC Form 80. Consultations with the BLM will be conducted following each 6-year recreation use survey. Factors to be assessed during the consultation include the recreation survey results, state recreational use projections (if available), and local information about population growth and recreational use trends. Changes in recreation demand and facility needs will be addressed during consultation with the BLM and in any update of the RMP. The RMP will be updated when the outcomes of the ongoing recreational monitoring program and BLM consultation indicate an update is warranted.
Appendix A. FERC Form-80
**Federal Energy Regulatory Commission (FERC)**

**FERC Form 80**

**Licensed Hydropower Development**

**Recreation Report**

**Expires:** 09/30/2016

**Burden:** 3.0 hours

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**General Information:**

This form collects data on recreation amenities at projects licensed by FERC under the Federal Power Act (16 USC 791a-825r). This form must be submitted by licensees of all projects except those specifically exempted under 18 CFR 8.11 (c). For regular, periodic filings, submit this form on or before April 1, 2015. Submit subsequent filings of this form on or before April 1, every 6th year thereafter (for example, 2021, 2027, etc.). For initial Form No. 80 filings (18 CFR 8.11(b)), each licensee of an unconstructed project shall file an initial Form No. 80 after such project has been in operation for a full calendar year prior to the filing deadline. Each licensee of an existing (constructed) project shall file an initial Form No. 80 after such project has been licensed for a full calendar year prior to the filing deadline. Filing electronically is preferred. (See [http://www.ferc.gov](http://www.ferc.gov) for more information.) If you cannot file electronically, submit an original and two copies of the form to the: Federal Energy Regulatory Commission, Office of the Secretary, 888 First St., NE, Washington, DC 20426.

The public burden estimated for this form is three hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing the collection of information. Send comments regarding the burden estimate or any aspect of this collection of information, including suggestions for reducing burden, to: FERC via e-mail DataClearance@ferc.gov; or mail to 888 First Street NE, Washington, DC 20426 (Attention: Information Clearance Officer) and Office of Management and Budget (OMB), via e-mail to oira_submission@omb.eop.gov; or mail to OMB, Office of Information and Regulatory Affairs, Attention: Desk Officer for FERC, Washington, DC 20503. Include OMB Control Number 1902-0106 as a point of reference. No person shall be subject to any penalty for failing to comply with a collection of information if the collection of information does not display a valid control number (44 U.S.C. § 3512 (a)).

**Instructions:**

a. All data reported on this form must represent publicly available recreation amenities and services located within the project boundary.

b. To ensure a common understanding of terms, please refer to the Glossary on page 3.

c. Report actual data for each item. If actual data are unavailable, then please estimate.

d. Submit a completed form for each development at your project.

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**Schedule 1. General Data**

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<tr>
<th>Item</th>
<th>Licensee Name: ______________________________</th>
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<tr>
<td></td>
<td>Development Name: ____________________________</td>
</tr>
<tr>
<td></td>
<td>Complete the following for each development if more than one.</td>
</tr>
<tr>
<td>8.</td>
<td>Reservoir Surface Area at Normal Pool (acres): ______</td>
</tr>
<tr>
<td>9.</td>
<td>Shoreline Miles at Normal Pool: ______</td>
</tr>
<tr>
<td>10.</td>
<td>Percent of Shoreline Available for Public Use: ______</td>
</tr>
</tbody>
</table>

States Development/Project Traverses (List state with largest area within the development/project boundary first):

- State #1: ______
- State #2: ______

7. Type of Project License: (check one)
   - Major ____
   - Minor ____

11. Data Collection Methods (enter percent for each method used; total must equal 100%):
   - _____ traffic count/trail count
   - _____ attendance records
   - _____ staff observation
   - _____ visitor counts or surveys
   - _____ estimate (explain)

For 2014, enter only the licensee’s annual recreational construction, operation, and maintenance costs for the development (project). Also, enter the annual recreational revenues for that year.

<table>
<thead>
<tr>
<th>Item</th>
<th>Licensee’s Annual Recreation Costs and Revenues (In Whole Dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Construction, Operation and Maintenance Costs</td>
</tr>
<tr>
<td></td>
<td>Recreation Revenues for Calendar Year</td>
</tr>
<tr>
<td>12.</td>
<td>Dollar Values</td>
</tr>
</tbody>
</table>

13. Length of Recreation Season:  Summer: From (MM/DD) _______ To _______  Winter: From (MM/DD) _______ To _______

Period

<table>
<thead>
<tr>
<th>Number of visits to all recreational areas at development/project (in Recreation Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Total</td>
</tr>
<tr>
<td>Peak Weekend Average (see Glossary)</td>
</tr>
</tbody>
</table>

14. Daytime

15. Nighttime

Respondent Certification: The undersigned certifies that he/she examined this report; and to the best of his/her knowledge, all data provided herein are true, complete, and accurate.

---

Legal Name ________________  Title ________________  Area Code/Phone No. ________________

Signature __________________  Date Signed ________  Reporting Year Ending ________

Title 18 U.S.C.1001 makes it a crime for any person knowingly and willingly to make to any Agency or department of the United States any false, fictitious or fraudulent statement or misrepresentation as to any matter within its jurisdiction.
# Schedule 2. Inventory of Publicly Available Recreation Amenities Within the Project Boundary

16. Enter data for each Recreation Amenity Type (a). For User Free (b) and User Fee (c) enter the number of publicly available recreation amenities, located within the project boundary, regardless of provider. For FERC Approved (d) enter the number of amenities identified under User Free (b) and User Fee (c) for which the licensee has an ongoing responsibility for funding or maintenance (see Glossary for further detail). For Capacity Utilization(f), of the total publicly available amenities(b) + (c), compare the average non-peak weekend use (see Glossary) for each recreation amenity type (during the recreation season, with the highest use, reported on Schedule 1, Item 13) with the total combined capacity of each amenity type and enter a percentage that indicates their overall level of use. For example, if all public boat launches are used to half capacity during the non-peak weekend days, enter 50% (should use exceed capacity for an amenity type, enter the appropriate percentage above 100).

<table>
<thead>
<tr>
<th>Recreation Amenity Type (a)</th>
<th>Number of Recreation Amenities</th>
<th>Total Units (c)</th>
<th>Capacity Utilization (%) (f)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat Launch Areas.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marinas. Improved areas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitewater Boating.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portages. Sites designed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tailwater Fishing.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reservoir Fishing.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Swim Areas. Sites providing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trails. Narrow tracks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active Recreation Areas.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Picnic Areas. Locations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overlooks/Vistas. Sites</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Visitor Centers. Buildings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interpretive Displays.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hunting Lands.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter Areas. Locations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campgrounds. Hardeened areas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campsites. Sites for tents</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cottage Sites. Permanent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group Camps. Areas equipped</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dispersed Camping Areas.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Informal Use Areas.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access Points. Well-used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other. Amenities that do not</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Glossary

- **Boat Launch Areas.** Improved areas having one or more boat launch lanes (enter number in column e) and are usually marked with signs, have hardened surfaces, and typically have adjacent parking.
- **Marinas.** Facilities with more than 10 slips on project waters, which include one or more of the following: docking, fueling, repair and storage of boats; boat/equipment rental; or sell bait/food. (See Glossary FERC approved).
- **Whitewater Boating.** Put-ins/Take-outs specifically designated for whitewater access.
- **Portages.** Sites designed for launching and taking out canoes/kayaks and the improved, designated, and maintained trails connecting such sites (enter length of trail in column e).
- **Tailwater Fishing.** Platforms, walkways, or similar structures to facilitate below dam fishing.
- **Reservoir Fishing.** Platforms, walkways, or similar structures to facilitate fishing in the reservoir pool or feeder streams.
- **Swim Areas.** Sites providing swimming facilities (bat houses, designated swim areas, parking and sanitation facilities).
- **Trails.** Narrow tracks used for non-automobile recreation travel which are mapped and designated for specific use(s) such as hiking, biking, horsetracks, snowmobiling, or XC skiing (excludes portage paths or accessible routes; See Glossary).
- **Active Recreation Areas.** Playground equipment, game courts/fields, golf/disc golf courses, jogging tracks, etc.
- **Picnic Areas.** Locations containing one or more picnic sites (each of which may include tables, grills, trash cans, and parking).
- **Overlooks/Vistas.** Sites established to view scenery, wildlife, cultural resources, project features, or landscapes.
- **Visitor Centers.** Buildings where the public can gather information about the development/project, its operation, nearby historic, natural, cultural, recreational resources, and other items of interest.
- **Interpretive Displays.** Signage/Kiosks/Billboards which provide information about the development/project, its operation, nearby historic, natural, cultural, recreational resources, and other items of interest.
- **Hunting Lands.** Land to which the general public for hunting.
- **Winter Areas.** Locations providing opportunities for skiing, sledding, curling, ice skating, or other winter activities.
- **Campgrounds.** Hardeened areas developed to cluster campers (may include sites for tents, trailers, recreational vehicles [RV], yurts, cabins, or a combination, but excludes group camps).
- **Campsites.** Sites for tents, trailers, recreational vehicles [RV], yurts, cabins, or a combination of temporary uses.
- **Cottage Sites.** Permanent, all-weather, buildings rented for short-term use, by the public, for recreational purposes.
- **Group Camps.** Areas equipped to accommodate large groups of campers that are open to the general public (may be operated by public, private, or non-profit organizations).
- **Dispersed Camping Areas.** Places visitors are allowed to camp outside of a developed campground (enter number of sites in clmn e).
- **Informal Use Areas.** Well used locations which typically do not include amenities, but require operation and maintenance and/or public safety responsibilities.
- **Access Points.** Well-used sites (not accounted for elsewhere on this form) for visitors entering project lands or waters, without trespassing, for recreational purposes (may have limited development such as parking, restrooms, signage).
- **Other.** Amenities that do not fit in the categories identified above. Please specify (if more than one, separate by commas):
Glossary of FERC Form 80 Terms

**Data Collection Methods.** (Schedule 1, Item 11) – If a percentage is entered for the estimate alternative, please provide an explanation of the methods used (if submitted on a separate piece of paper, please include licensee name, project number, and development name)

**Development.** The portion of a project which includes:
- (a) a reservoir; or
- (b) a generating station and its specifically-related waterways.

**Exemption from Filing.** Exemption from the filing of this form granted upon Commission approval of an application by a licensee pursuant to the provisions of 18 CFR 8.11(c).

**General Public.** Those persons who do not have special privileges to use the shoreline for recreational purposes, such as waterfront property ownership, water-privileged community rights, or renters with such privileges.

**Licensee.** Any person, state, or municipality licensed under the provisions of Section 4 of the Federal Power Act, and any assignee or successor in interest. For the purposes of this form, the terms licensee, owner, and respondent are interchangeable except where:
- (a) the owner or licensee is a subsidiary of a parent company which has been or is required to file this form; or
- (b) there is more than one owner or licensee, of whom only one is responsible for filing this form. Enter the name of the entity that is responsible for filing this report in Schedule 1, Item 2.1.

**Major License.** A license for a project of more than 1,500 kilowatts installed capacity.

**Minor License.** A license for a project of 1,500 kilowatts or less installed capacity.

**Non-Peak Weekend.** Any weekend that is not a holiday and thus reflects more typical use during the recreation season.

**Number of Recreation Amenities.** Quantifies the availability of natural or man-made property or facilities for a given recreation amenity type. This includes all recreation resources available to the public within the development/project boundary. The resources are broken into the following categories:
- **User Free** (Schedule 2, column b) - Those amenities within the development/project that are free to the public;
- **User Fee** (Schedule 2, column c) - Those amenities within the development/project where the licensee/facility operator charges a fee;
- **FERC Approved** (Schedule 2, column d) – Those amenities within the development/project required by the Commission in a license or license amendment document, including an approved recreation plan or report. Recreation amenities that are within the project boundary, but were approved by the licensee through the standard land use article or by the Commission through an application for non-project use of project lands and waters, are typically not counted as FERC approved, unless they are available to the public, but may be counted as either user free or user fee resources. The total FERC approved amenities column does not necessarily have to equal the sum of user free and user fee amenities.

**Peak Use Weekend.** Weekends when recreational use is at its peak for the season (typically Memorial Day, July 4th & Labor Day). On these weekends, recreational use may exceed the capacity of the area to handle such use. Include use for all three days in the holiday weekends when calculating Peak Weekend Average for items 14 & 15 on Schedule 1.

**Recreation Day.** Each visit by a person to a development (as defined above) for recreational purposes during any portion of a 24-hour period.

**Revenues.** Income generated from recreation amenities at a given project/development during the previous calendar year. Includes fees for access or use of area.

**Total Units** (Schedule 2, column e) – Provide the total length, or area, or number that is appropriate for each amenity type using the metric provided.

**Trails.** Narrow tracks used for non-automobile recreation travel which are mapped and designated for specific use(s) such as hiking, biking, horseback riding, snowmobiling, or XC skiing. Trails are recreation amenities which provide the opportunity to engage in recreational pursuits, unlike paths (means of egress whose primary purpose is linking recreation amenities at a facility) or accessible routes (means of egress which meets the needs of persons with disability and links accessible recreation amenities and infrastructure at a facility).
Appendix B. FERC Recreation Amenities Table
# Commission Approved Recreation Amenities for the Enloe Hydroelectric Project (FERC No. 12569)

<table>
<thead>
<tr>
<th>Project No.</th>
<th>Development Name</th>
<th>Recreation Amenity Name</th>
<th>Recreation Amenity Type</th>
<th>Amenity Status</th>
<th>Latitude</th>
<th>Longitude</th>
<th>FERC Citation &amp; Date</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Miners Flat</td>
<td>Boat Launch Areas</td>
<td>Unconstructed</td>
<td>48.979148</td>
<td>-119.52918</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>Take out only</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Campsites</td>
<td>Unconstructed</td>
<td>48.9676</td>
<td>-119.50104</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>4 primitive sites</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Picnic Areas</td>
<td>Unconstructed</td>
<td>48.967235</td>
<td>-119.50139</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>West area – 2 ADA tables</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Picnic Areas</td>
<td>Unconstructed</td>
<td>48.967261</td>
<td>-119.50071</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>East area – 2 tables</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Interpretive Displays</td>
<td>Unconstructed</td>
<td>48.966985</td>
<td>-119.50122</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>Combination Information / Interpretive</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Interpretive Display</td>
<td>Unconstructed</td>
<td>48.964722</td>
<td>-119.50055</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>History of power generation</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Interpretive Display</td>
<td>Unconstructed</td>
<td>48.963757</td>
<td>-119.50011</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>Native legends fish &amp; falls</td>
</tr>
<tr>
<td>12569</td>
<td>Enloe</td>
<td>Enloe Dam Recreation Site</td>
<td>Access point</td>
<td>Unconstructed</td>
<td>48.963519</td>
<td>-119.50009</td>
<td>152 FERC ¶ 62,173 September 11, 2015</td>
<td>Downstream access for boater and anglers (portage put-in)</td>
</tr>
</tbody>
</table>
Appendix C. Concept Plans and Drawings
ENLOE HYDROELECTRIC PROJECT
(FERC NO. 12569)
RECREATION CONCEPT PLANS
PUBLIC UTILITY DISTRICT NO. 1 OF
OKANOGAN COUNTY
OKANOGAN COUNTY, WASHINGTON
APN: --
FEBRUARY 2014
CONCEPT PLANS
NOT FOR CONSTRUCTION

PROJECT MAP

PROPOSED HYDRO-ELECTRIC IMPROVEMENTS (TO BE COMPLETED BY OTHERS)

SEE SHEETS 3, 4 AND 5
CAMPGROUND/PICNIC AREA/BOAT LAUNCH

ENLOE DAM

SEE SHEET 6
RIVER ACCESS BELOW ENLOE DAM

RIVER ACCESS BELOW ENLOE DAM
- TRAIL IMPROVEMENTS AND RIVER ACCESS
- 2 INTERPRETIVE SIGNS

CAMPGROUND/PICNIC AREA/BOAT LAUNCH
- 5 SINGLE CAR PARKING SPACES
- 2 BOAT TRAILER PARKING SPACES
- 2 PICNIC AREAS WITH 2 TABLES EACH
- 4 PRIMITIVE CAMPSITES
- 1 SINGLE VAULT TOILET
- INFORMATION BOARD AND 1 INTERPRETIVE SIGN

SEE SHEETS 3, 4 AND 5
CAMPGROUND/PICNIC AREA/BOAT LAUNCH

PROJECT OVERVIEW
RECREATION SITE IMPROVEMENTS
OKANONGAN COUNTY, WASHINGTON

CMD
MR/SM
4129507000

PROPOSED HYDRO-ELECTRIC IMPROVEMENTS (TO BE COMPLETED BY OTHERS)

SEE SHEET 6
RIVER ACCESS BELOW ENLOE DAM

RIVER ACCESS BELOW ENLOE DAM
- TRAIL IMPROVEMENTS AND RIVER ACCESS
- 2 INTERPRETIVE SIGNS

CAMPGROUND/PICNIC AREA/BOAT LAUNCH
- 5 SINGLE CAR PARKING SPACES
- 2 BOAT TRAILER PARKING SPACES
- 2 PICNIC AREAS WITH 2 TABLES EACH
- 4 PRIMITIVE CAMPSITES
- 1 SINGLE VAULT TOILET
- INFORMATION BOARD AND 1 INTERPRETIVE SIGN

SEE SHEETS 3, 4 AND 5
CAMPGROUND/PICNIC AREA/BOAT LAUNCH

PROJECT MAP

PROPOSED HYDRO-ELECTRIC IMPROVEMENTS (TO BE COMPLETED BY OTHERS)

SEE SHEET 6
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RIVER ACCESS BELOW ENLOE DAM
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CAMPGROUND/PICNIC AREA/BOAT LAUNCH
- 5 SINGLE CAR PARKING SPACES
- 2 BOAT TRAILER PARKING SPACES
- 2 PICNIC AREAS WITH 2 TABLES EACH
- 4 PRIMITIVE CAMPSITES
- 1 SINGLE VAULT TOILET
- INFORMATION BOARD AND 1 INTERPRETIVE SIGN

SEE SHEETS 3, 4 AND 5
CAMPGROUND/PICNIC AREA/BOAT LAUNCH
NOTES:

- Contours generated from LIDAR information provided.
- The roadway edge will be lined with barriers to prevent vehicles from leaving the roadway surface.
CONCEPT PLANS
NOT FOR CONSTRUCTION

BOAT RAMP PLAN

NOTES:
CONTOURS GENERATED FROM LIDAR INFORMATION PROVIDED.

BOAT RAMP PROFILE

SHOWN WITH 42 FOOT RADIUS

EDGE OF WATER FROM AERIAL (TYP.)
NOTES:
- Contours generated from LiDAR information provided.
- Barriers will be placed to close and discourage use of the existing footpaths that extend from the improved trail to the river.

TRAIL IMPROVEMENTS & ACCESS TO THE RIVER
CONTOURS GENERATED FROM LIDAR INFORMATION PROVIDED.