

Recreation Site and Facility Inventory

Priest Rapids Hydroelectric Project (P-2114)

September 2015



Recreation Site and Facility Inventory

Priest Rapids Hydroelectric Project FERC Project Number 2114

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DISCLAIMERS

Please note: All map/data in this document was created for informational, planning, reference and guidance purposes only. Grant PUD makes no warranty, expressed or implied related to the accuracy or content of these materials.

The condition assessment was based upon a visual inspection, from a user's perspective, without the aid or benefit of professional engineering staff. Statements of structural integrity are based on obvious visible structural deficiencies. Other deficiencies may exist that are not apparent without a professional engineer inspection.

ACKNOWLEDGMENTS

Google Earth

Grant PUD acknowledges and wishes to express appreciation for those visual images provided by Google Earth for:

Sunland Estates Park

The Cove

Sunland Boat Launch

Vantage Boat Launch

Tarpiscan Creek Wildlife Area

Yo Yo Rock Boat Launch

ACRONYMS AND ABBREVIATIONS

ADA	Americans with Disabilities Act
ADAAG	Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities
ATBCB	Architectural and Transportation Barriers Compliance Board
BBQ	Barbecue
BLM	United States Dept. of Interior, Bureau of Land Management
BOR	United States Dept. of Interior, Bureau of Reclamation
FERC	Federal Energy Regulatory Commission
G/WSP	Ginkgo/Wanapum State Park
GIS	Geographic Information System
Grant PUD	Public Utility District No. 2 of Grant County, Washington
I&E	Interpretation and education
I-90	Interstate 90
ORV	Off-road vehicle
PRDP	Public Recreation Development Plan
PWC	Personal watercraft (jet skis, wave runners, etc.)
RV	Recreational vehicle
USFS	United States Dept. of Agriculture, Forest Service
WDFW	Washington Department of Fish and Wildlife
WSPRC	Washington State Parks and Recreation Commission

1.0 Introduction

The Recreation Site and Facility Inventory is one of three inter-related studies that will be used to provide data for the Priest Rapids Hydroelectric Project (Project), Recreation Resource Management Plan (RRMP) update.

The Federal Energy Regulatory Commission (FERC) ordered on April 17, 2008 issuance of a License to Operate the Priest Rapids Project (FERC Project No. 2114) (License) to the Public Utility District No. 2 of Grant County, Washington (Grant PUD). The License includes direction regarding recreation site development and maintenance required by Grant PUD to enhance recreation resources at the Project. That direction was based upon Grant PUD's draft RRMP submitted with the License application. The License also stipulates periodic updates of the RRMP.

As part of the process to develop the first update of the draft RRMP three inter-related studies were conducted to assess and evaluate recreation resources and recreation use associated with the Project. This report presents the results of one of those studies and includes an inventory of recreation amenities open to the general public in and adjacent to the Project, a condition assessment and universal accessibility analysis for recreation amenities within the Project, and an assessment of the impacts of recreational activities on critical natural areas. This report also presents an analysis of the proximity of the Project to National Recreation Trails and/or federal Wild and Scenic Rivers, as well as potential effects of the Project on these regional resources.

This report and the two accompanying studies replicates, where possible, the reports developed in 2000 that informed the original draft RRMP. This replication enable an evaluation of changes and trends in the data. This report has been modified from the 2000 Recreation Site and Facility Inventory in order to create consistency between amenities inventoried in this assessment and those reported in FERC Form 80¹, a periodic recreational use report submitted to FERC per federal requirement. The Site and Facility Inventory process also utilized upgrades in indicators to evaluate facility conditions and impact to critical natural resources from recreation activities at each site. These new indicators will better allow replication in the future, with minimal subjectivity during the evaluation, allowing trend analysis over time.

The License required substantial capital improvements to enhance recreation access and quality identified in the draft RRMP. Some improvements were not completed until after the data for this report were collected. This assessment includes the current condition of facilities at the conclusion of data collection on September 30, 2015.

¹ 18 CFR 8.11

2.0 Study Goals

Several goals are identified in this study, all of which focus on the documentation of the inventory and condition assessment of recreational features in the Project area:

- Goal 1: Inventory recreation sites open to the general public and amenities at each site in and/or adjacent to the Project. For the purpose of this report;
 - Recreation Site refers to a geographic area designated for one or more recreation amenity.
 - Recreation Amenity refers to features necessary for specific recreational activities, with the list of potential amenities being consistent with those identified by FERC Form 80. (See Appendix E – FERC Form 80)
 - Facilities are those constructed support features that augment use of recreation amenities, such as restrooms, picnic tables, parking areas, etc. FERC Form 80 includes amenities with support features in their definition of “facilities,” but for clarification they are separated in this inventory. The use of the term “facility” in this study is consistent with the use of the term in the FERC table of recreation facilities for the Project.
- Goal 2: Inventory support facilities at each amenity at developed public recreation sites in and adjacent to the project.
- Goal 3: Assess the condition of constructed public recreation features within the project.
- Goal 4: Assess Americans with Disabilities Act (ADA) compliance at developed recreation sites and recommendations for improved accessibility within the Project.
- Goal 5: Assess critical natural resource condition indicators at sites utilized by the public as undeveloped recreation access sites.
- Goal 6: Identify planned or proposed improvements at existing recreational facilities.
- Goal 7: Assess the effects of high and low reservoir pool levels on access to recreation facilities, specifically boat ramps.
- Goal 8: Identify if National Recreation Trails and federal Wild and Scenic Rivers are in the Project area and if the Project potentially affects these resources.

3.0 Study Area



The Project is located on the mid-Columbia River in central Washington and includes Wanapum and Priest Rapids reservoirs. The Project boundary includes 58 miles of the Columbia River from River Mile 395, approximately 2 miles downstream of Priest Rapids Dam, upstream to a point approximately 0.5 mile downstream of Chelan County PUD's Rock Island Dam at River Mile 453. The Project is remote, with larger towns such as Wenatchee located upstream and the Tri-Cities (Kennewick, Pasco, and Richland) located downstream. Between the Project and the Tri-Cities is the free-flowing Hanford Reach of the Columbia River.

Public recreational access to Project lands and waters is widely available and dispersed. Since its construction, the Project has provided the region with a variety of developed and dispersed recreation opportunities, including fishing, flat-water boating, camping, sightseeing, swimming, picnicking, waterskiing, personal watercraft (PWC) use, and other recreational activities. The sites and facilities at the Project have become an important centerpiece of the outdoor recreation opportunities in the central Washington region, attracting a substantial number of users.

Outside the study area is The Gorge Amphitheater located on a high bluff above Wanapum Reservoir northwest of George, Washington. The Gorge Amphitheater has a 22,000 person daily capacity, drawing large crowds from the Central Puget Sound area and elsewhere in the Pacific Northwest. Nine concerts, extending over 17 days, were held in 2015. The *2000 Site and Facility Inventory* reported 22 concerts held during 1999. (EDAW 2000).

Figure 1 Priest Rapid Project Area

3.1 Wanapum Development

The Wanapum Development is characterized by a mix of features, which includes publicly accessible lands, steep topography, highway access, private ownership and other restricted access, agricultural activity, and park development. Wanapum Reservoir is approximately 38 miles long and runs through broad canyons carved out by great ice age floods, with lofty craggy basalt cliffs and alluvial sand deposits. The reservoir is over one mile wide in some locations.

Wanapum Reservoir has several adjacent shoreline communities. They range in size, with the largest being the Crescent Bar area, which includes multiple recreational/residential housing developments and currently has approximately 2,000 residential units. See Figure 2.

Much of the undeveloped western shore of the reservoir, and portions of the eastern shoreline, are wildlife and waterfowl habitat lands managed by the Washington Department of Fish and Wildlife (WDFW). A vast majority of recreational access to and use of the reservoir is

concentrated in the Interstate 90 (I-90) corridor/Vantage area and at Crescent Bar Resort and Sunland Estates. Recreation providers include Grant PUD, Washington State Parks and Recreation Commission (WSPRC), WDFW, Kittitas County, and private commercial interests such as the Riverstone Resort and Crescent Bar Resort.



Figure 2 Recreation/Residential Housing Communities

3.2 Priest Rapids Development

The downstream Priest Rapids Development is characteristically different from the Wanapum Development because of the shorter length of the reservoir (approximately 18 miles) and the lack of sandy beaches open to public recreation use. Similarly though, Priest Rapids Reservoir has stunning geologic features. A few miles below Wanapum Dam, the river passes through Sentinel Gap, a geologic landmark. This is a focal point of Grant PUD's Interpretation and Education panels installed at the Wanapum Dam Overlook.

Downstream of Sentinel Gap, the river valley opens up into wide slopes where private ownership and agricultural activity dominate the eastern shore. Highway 243 closely parallels the eastern shoreline in this area. Much of the western shoreline is part of the Yakima Training Center Military Reservation (YTC), with highly restricted public access.

Desert Aire is the only shoreline community of significant size adjacent to the Priest Rapids development. See Figure 2.

The Priest Rapids Development has less sandy beaches, fewer adjacent community developments, less publically available shoreline and is farther from the I-90 corridor and the Gorge Amphitheatre as compared to the Wanapum Development. All of these factors likely contribute to less recreational pressure.

Locally and regionally significant recreation providers include Grant PUD, WDFW, WSPRC, WDNR, and private commercial interests at Desert Aire.

4.0 Study Methods

Methods for this inventory and condition assessment involved review of published information, consultation with agencies and facility operators, and site-specific field investigations. Existing conditions were systematically identified and documented through extensive field notes, geospatial data collections, overview photos, and high resolution geo-referenced aerial photos. Existing recreation sites and access areas were identified and documented on maps and summarized in table format. Criteria and necessary data were formatted in a Geographic Information System (GIS) geodatabase. This organized and standardized the data collection process and utilized the same framework as the Recreation Use Assessment and the Recreation Capacity Analysis reports.

The methodology involved four primary components;

- 1). An inventory of recreation sites within and adjacent to the Project,
- 2). A condition assessment of each facility, (buildings, roads, tables, etc.), within the Project,
- 3). An assessment of compliance with current standards of the Americans with Disabilities Act (ADA), for facilities within the Project, and
- 4). An assessment of recreation impact on critical natural resources.

Each of these components is described below.

4.1 Inventory of Recreation Sites, Amenities, and Facilities

Grant PUD staff (researchers), compiled an inventory of recreation sites in and adjacent to the Project. A comparison of the 2015 information with the 1999 inventories was created. Accompanying studies will compare trends in the change in number of various recreational facilities available to trends in recreation demand.

The inventory includes all sites where recreation activities occur repetitively and consistently over the recent historic past, in a manner consistent with the Shoreline Management Plan for the Project. The inventory efforts identified all recreational amenities, as defined by FERC Form 80, at each site and facilities built or installed at each amenity to meet the basic needs of the intended recreation experience at that location. The primary basis for the inventory was a site reconnaissance designed to observe the facilities. Researchers also contacted and/or met with operators and managers in the Project vicinity to collect data on existing sites and facility condition and needs, including consultation with WSPRC, WDFW, Kittitas County, and private owner/operators. In addition, researchers reviewed available plans and drawings of the sites to supplement field inventory data. Information contained in the plans was reviewed with facility operators and/or ground truth.

Site location maps of developed recreation areas in the Project vicinity were created using GIS. For all recreation sites within the Project, site amenity locations were identified and shown graphically. Photographs associated with natural resource impacts are also included with the detailed facility inventory and assessment for the site in Appendix B.

For recreation sites located partially within and partially outside the Project, the inventory noted the full inventory of amenities and facilities at the site. This being an inventory of amenities and facilities “in or adjacent to the Project.” Additionally, a record was made of those amenities and facilities at the site, within the Project. The amenities and facilities within the Project, at that site, were subjected to a condition assessment and ADA accessibility compliance review.

Recreation amenities not open to the general public exist both within and adjacent to the Project. Due to their lack of availability to the public, they were not inventoried or assessed in this study.

4.2 General Assessment of Conditions

The condition of recreation features at each amenity, within the Project, was systematically evaluated through field observations. Researchers talked to operators of the facilities and directly observed current conditions at the sites examined. Condition assessments will aid in understanding life expectancy of existing facilities.

Assessments were limited to amenities and facilities within the Project, allowing Grant PUD the authority to implement change if determined desirable.

4.2.1 Developed Features

To evaluate and categorize developed facilities covered by the inventory, four general categories of condition were used:

- 1). Like New –
 - No attention needed beyond normal cleaning
 - Light wear from routine use
- 2). Routine Maintenance Needed –
 - Fasteners may need tightening
 - Cosmetic repairs needed
 - Any repairs needed do not affect structural integrity or function of feature
- 3). Major Maintenance Needed –
 - Hardware and/or structural repairs needed that impact structural strength or function
- 4). Replacement Needed –
 - Recreational feature no longer safely functions as originally intended

When multiple features exist at an amenity, i.e. tables within a picnic area, and the condition varies, the mode (the value that appears most often) was the condition class assigned to that feature at that amenity.

The condition assessment was based upon a visual inspection from a user's perspective. Statements of structural integrity are based on obvious visible structural deficiencies. Other deficiencies may exist that are not apparent without a professional engineer inspection.

4.3 General Assessment of Universal Accessibility

The Americans with Disabilities Act (ADA), signed into law in 1990, protects individuals with disabilities by specifying that adequate access to facilities be provided to all individuals with disabilities. The assessment provides a record of where recreation amenities and facilities are compliant with universal accessibility guidelines (regulatory requirement) and best practices. In 1991, The Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG) was published (Access Board 1991). ADAAG specified guidelines for new construction or retrofitting construction features such as parking, entrances, access routes, restrooms, and showers. The Access Board issued guidelines in 2004 containing provisions for

boating facilities, fishing piers and platforms, golf facilities, play area, sports facilities, and swimming pools.

The Access Board in 2013 added provisions to the Architectural Barriers Act (ABA) providing guidelines to federal agencies, and others who are doing development on federal lands, adding provisions for trails, picnic and camping facilities, viewing areas, and beach access routes.² The ABA applies to federal lands and agencies. It has no regulatory application to others, but provides guidance for compliance with the intent of ADA and is considered a best practice until ADAAG addresses trails, picnic and camping facilities, viewing areas, and beach access routes. Guidelines applicable to state and local government lands, related to these subjects, are expected after the Access Board completes the rulemaking process under ADA. The Access Board expects to base the new ADA rule on the current federal rule. This could occur as early as 2015.

The purpose of the assessment was to provide an understanding of the current status of accessibility for those with handicaps to developed recreation facilities in the Project study area. Since ADAAG compliance is required during new construction or retrofitting, some sites may be in compliance with the law, since no new construction or renovation has occurred since creation of the ADAAG. The focus of the assessment was to understand the level of accessibility provided to the handicap, not a review of legal compliance. Assessments were limited to amenities and facilities within the Project, allowing Grant PUD the authority to implement change if determined desirable.

4.4 Natural Resource Impact Assessment

A natural resource impact assessment was conducted of critical natural environment components at undeveloped recreation access sites, hunting sites, and informal use sites. These amenities have little to no development. Public use has the least formal management. Unmanaged impact on natural resources by recreationists has the greatest potential for occurrence. Within the Project, natural resources within a developed recreation amenity are monitored as part of the routine management of the site. Natural resources at developed sites are managed in a manner consistent with the site objectives and conditional use requirements established during development.

A condition assessment was made of impacts resulting from recreational activities to priority habitat areas (PHA), defined by WDFW, and riparian areas as identified by the county of jurisdiction. Impact indicators were established to monitor changes to these critical areas. The assessment focused on attributes key to the presence of a diverse population of native plants and wildlife, vital to maintaining a natural setting. The area of study included all identified undeveloped recreation access points, hunting areas, and informal use sites within the Project. Impacts from recreation on sites owned by other entities were assessed and the findings shared with managing authorities for those lands.

An exception to the natural resource condition assessment was made for lands within a Public Recreation Development Plan (PRDP) area. PRDPs were created in collaboration with the adjacent community. That planning effort included identification of encroachments onto Grant PUD lands. The encroachments were often associated with unapproved recreation related development, often accompanied by impacts to the natural resources. The PRDPs include

² <http://www.access-board.gov/guidelines-and-standards/recreation-facilities/outdoor-developed-areas> (8/28/2014)

restoration plans for the associated Project lands and it would be redundant, as well as disingenuous to the collaborating public involved in those efforts, to conduct a second natural resource inventory utilizing potentially different condition indicators and standards.

Indicators were not developed for impacts if they were identified by Grant PUD policy as “zero-tolerance” and carry along with them an immediate corrective action. This includes but is not limited to; graffiti, rock fire rings, unapproved camping or development within the shoreline zone³, and litter.

Assessments were completed in the spring to allow maximum annual vegetation restoration prior to impact measurement.

4.4.1 Impact Indicator – Measurement Methodology

4.4.1.1 Riparian Areas

- Vegetation Modification – Overstory

The greatest impact to riparian area functionality is modification of the overstory. A photo point was established at each identified location of recreation impact within the riparian area associated with a public access point, hunting area, or informal use area. The photo point was recorded with GPS location and camera directional bearing. For photo interpretation, temporary marks were placed on the shoreline, within the field of view of the photography, identifying a documented length of shoreline, along with a one meter stick for scaling purposes.

Overstory modification by recreational activity, within each site of interest, was recorded as a percentage of the length of the riparian area and as a percentage of the total area of the riparian area at the site.

- Vegetation Modification – Understory

Utilizing the same photographs utilized in the overstory modification inventory, understory vegetation modification was recorded as a percentage of the length of the riparian area and as a percentage of the total area of the riparian area at the site.

- Erosion

Erosion is typically considered ecologically significant by researchers in all areas of natural resource monitoring due to their observation that it is the only degradation indicator, relatively speaking, which does not recover naturally over time⁴.

At any site assessed for recreational impacts within a riparian area, where recreational activity has created a single point erosion event, a Maximum Incision⁵ (MIC) sample point was established. The point was documented, including; GPS location, the maximum vertical depth of erosion from natural ground level, and the lineal distance transecting an MIC measured along the natural ground slope.

³ Shoreline Master Program, defined by county of jurisdiction

⁴ Assessing Soil Erosion on Trails, Jewell, 2000

⁵ Monitoring Trail Conditions, Marion, 2006

Informal trails within riparian areas were mapped, excluding those created by wildlife or having the same appearance in tread width and soil impact as those created by wildlife. Mapping was created by field survey with GPS units.

Informal trails have minimal impact on riparian area natural functions if there is no associated vegetation modification or erosion.

4.4.1.2 Priority Habitat Areas

Priority habitat functionality is commonly correlated to the presence and health of key plants growing in association with one and another, creating a plant community. The impacts of trampling, erosion, and importing of exotic or noxious plants by recreationists can vary with the habitat being evaluated.

- **Vegetation Quality**

Utilizing geo-referenced high resolution aerial photographs, the location of recreation access points, hunting areas, and informal use areas were overlaid with a priority habitat data layer developed by WDFW.

Researchers identified areas of trampling, often to the extent of creating bare ground, associated with recreational activity, but found no instances where broader areas exhibited lower levels of plant community impacts that warranted more in-depth investigation or analysis.⁶

Recreation impact was therefore measured simply as the percentage of the PHA impacted by trampling associated with recreation.

- **Erosion**

A distinction was made if the trampling was leading to soil movement, creating erosion, which was documented using the same MIC techniques as utilized in riparian areas.

Erosion in a PHA, resulting from recreation, is often associated with unmanaged roads and informal trails. Again, geo-referenced aerial photos were used to map unmanaged two-track roads and informal trails resulting from recreational activities. Excluded were those trails created by wildlife or having the appearance in tread width and soil impact as those created by wildlife.

⁶ BLM Manual 4412.14, Soil-Vegetation Inventory Method

5.0 Results and Discussion

The study results presented below represent an inventory of recreation amenities and facilities at 52 sites in and immediately adjacent to the Project. Figure 3 identifies the locations of these recreation sites.

The inventory information is summarized by:

- Reservoir (Summary by Reservoir Segment can be found in Appendix A)
- Project-wide, with comparative 1999 inventory data.

Results presented include:

- Identification of which amenities are adjacent to, but outside the Project boundary.
- An inventory of primary facilities that support the various amenities, again with identification of which facilities are outside versus inside the Project boundary.

The inventory is followed by summary discussions of:

- Facility conditions,
- Consistency with ADA standards for amenities and facilities,
- Recreation related impacts to critical natural resources,
- The effects of reservoir pool levels on the usability of existing boat ramps,
- National Recreation Trails and federal Wild and Scenic Rivers within the Project and potential interaction between the Project and these resources.

Inventory information, condition assessments, and accessibility compliance findings for each individual recreation site, including a facilities map for each site, can be found in Appendix B.

Recreation Areas

Priest Rapids Project

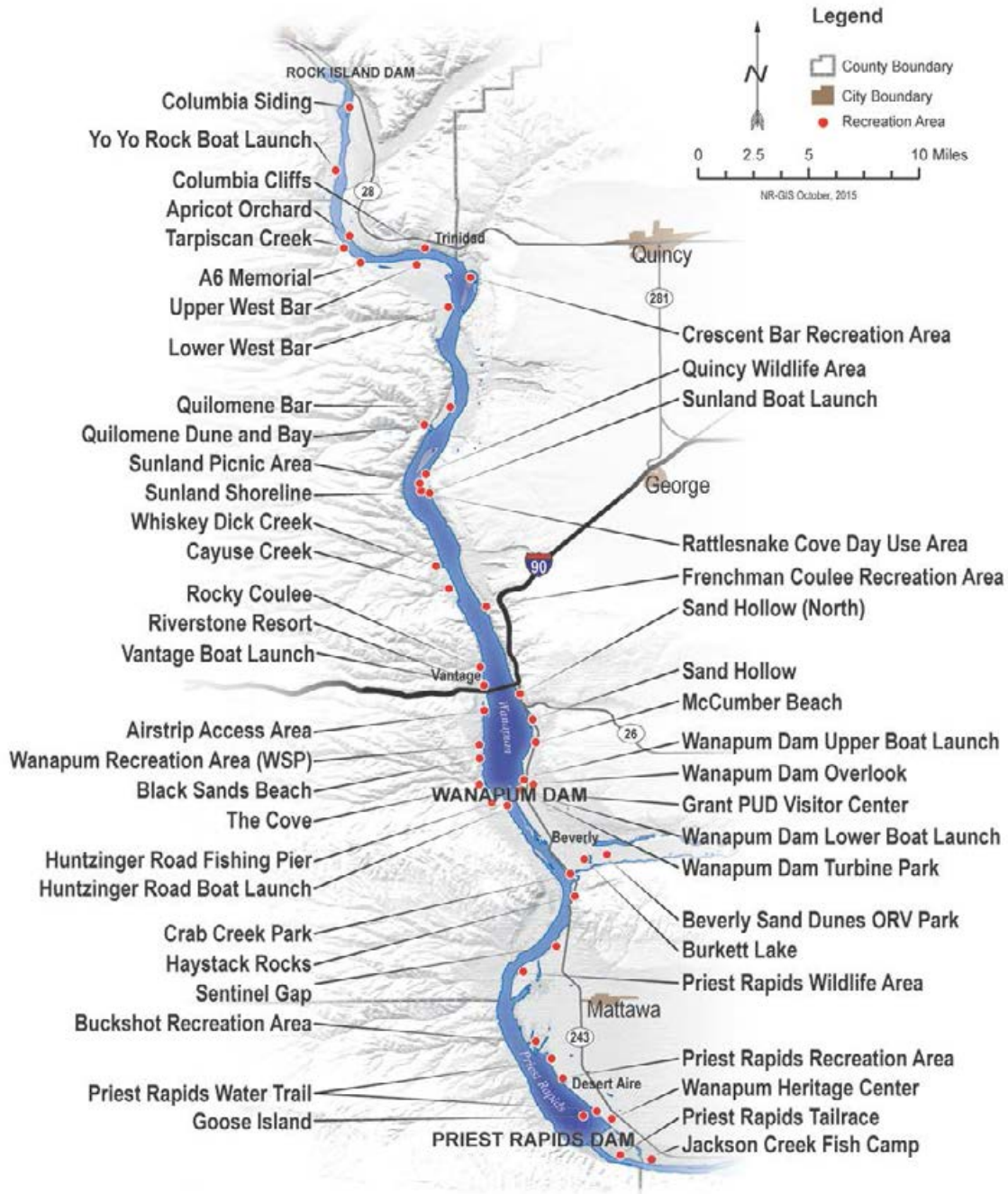


Figure 3 Recreation Site Location Map

5.1 Inventory Summary

The inventory summary appears below. Table 1 summarizes all amenities within or adjacent to the Project and Table 2 summarizes all recreation facilities within or adjacent to the Project.

It should be noted that vehicle parking spaces, restroom facilities, and occasionally other recreation facilities are shared by more than one amenity at a site. For inventory purposes, the shared facilities were assigned to the amenity consistent with the FERC Facilities and Amenities Tables for the Project. If the FERC Tables do not clearly assign a facility to an amenity, it was assigned to the primary amenity using the facility. If walk-in campsites and a picnic area share a parking area, the parking spaces were assigned the predominant use. If not correctly understood, it could appear that certain amenities are underserved by key facilities, such as the 17 boat launches on the Project that the inventory indicates are supported by only 7 vault toilets and 2 restrooms.

See Appendix A for the Inventory Summary by River Segment.

See Appendix B, Site Inventory and Assessment, for detailed inventory information for individual recreation sites.

Table 1 Recreation Amenities by Reservoir

Recreation Amenities by Reservoir						
	Wanapum	Priest Rapids	Project Total	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	1999 Inventory
Sum of # of launches	10	7	17	17	0	12
Sum of Number of Marinas	2	0	2	2	0	1
Sum of Number of Tailwater Fishing Accesses	0	1	1	1	0	0
Sum of Number of Reservoir Fishing Platforms	1	0	1	1	0	0
Sum of Number of Swim Areas	3	1	4	4	0	1
Sum of Number of Trails	1	2	3	3	0	1
Sum of Number of Active Recreation Areas	3	0	3	2	1	3
Sum of Number of Picnic Areas	13	3	16	14	2	7
Sum of Number of overlooks	1	3	4	4	0	1
Sum of Number of Visitor Centers	1	2	3	2	1	1
Sum of Number of Interpretive Displays	14	21	35	31	4	not reported
Sum of Number of Hunting Areas	6	4	10	9	1	6
Sum of Number of Campgrounds	5	2	7	5	2	0
Sum of Number of Group Camps	0	0	0	0	0	5
Sum of Number of Dispersed Camping Areas	1	2	3	3	0	0
Sum of Number of Informal Use Areas	9	0	9	9	0	11
Sum of Number of Access Points	6	5	11	11	0	0
Total	76	53	129	118	11	49

Table 2 Recreation Facilities by Reservoir

Facilities by Reservoir						
	Wanapum	Priest Rapids	Project Total	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	1999 Inventory
Sum of launch lanes	14	7	21	21	0	18
Sum of launch floats/docks - linear ft.	518	384	902	902	0	not reported
Sum of Moorage slips	30	0	30	30	0	20
Sum of Platforms - lineal ft	60	0	60	60	0	0
Sum of Trail miles	0.86	4.68	5.54	5.04	0.5	not reported
Sum of Picnic Tables	136	38	174	148	26	not reported
Sum of Picnic Fire grill (pedestal or pit)	34	8	42	39	3	not reported
Sum of Picnic Shade Structures	0	6	6	6	0	0
Sum of # Signage/Kiosk/Billboard/Displays	42	35	77	67	10	0
Sum of Campsites - w/utilities	170	0	170	26	144	0
Sum of Campsites - standard (flush toilet)	41	0	41	34	7	0
Sum of Campsites - Primitive (vault toilet)	50	24	74	74	0	0

5.2 Facilities - Condition Assessment Summary

An assessment was conducted of 119 amenities and all associated facilities. With the exceptions noted below, the built facilities at all the recreation areas were found to be either; 1) like new, or 2) in need of routine maintenance to address issues that were cosmetic in nature or repairs that were not related to structural integrity or the function of the facility.

The exceptions are listed in Table 3 Condition Assessment – Renovation Needs.

Table 3 Condition Assessment – Renovation Needs

Amenity	Number needing renovation	Issue needing to be addressed
Boat Launch	2	Need major renovation to overcome structural and or safety issues – Crescent Bar off-island, and Wanapum Dam Lower Boat Launch
Marina	2	Need maintenance tasks to overcome safety issues – Crescent Bar off-island, and Riverstone Resort
Access Point	1	Needs maintenance to address safety issue – Riverstone Resort

The condition assessments were based upon a visual inspection from a user’s perspective, without the aid or benefit of professional engineering staff.

Of the five amenities that need attention to function as intended, prevent damage or injury due to structural failure, or prevent injury as the result of a constructed facility that has not been maintained properly, three have projects identified and in some stage of planning that would address the issues.

See Appendix C Condition Assessment & ADA Compliance for more detailed information.

5.3 Accessibility Assessment Summary

It is Grant PUD’s desire to provide opportunities for all people to experience the recreational values of the lands and waters of the Project, regardless of the physical challenges an individual may face. Grant PUD strives to have all facilities meet the Americans with Disabilities Act Accessibility Guidelines (ADAAG).

Nearly all new or recently renovated sites in the Project have succeeded in providing amenities fully in compliance with ADAAG. Nearly all supporting facilities are also in compliance.

Those with physical disabilities⁷ indicate a strong desire that recreation providers assure that all individuals with disabilities have access to restrooms, just as able bodied people do, regardless of the challenges that may exist in using other facilities at a site. This requires parking, a restroom, and a route of travel (walkway) that are consistent with ADA standards. This goal was met at 25 of the 27 developed sites within the Project. Of the two sites that did not achieve this goal, one is a Grant PUD site (The Cove) and one is a private site (Crescent Bar).

Table 4, Amenities Not Consistent with ADA Guidelines, provides a summary of amenities that may be compliant with the law, in that major renovation has not been undertaken and therefore typically do not have a requirement to comply with updated federal regulations pertaining to providing accessibility for the disabled, but they do provide a chance to make changes that would allow equal opportunity for people of all physical abilities to enjoy to the benefits of the recreation and aesthetic values associated with the Project.

⁷ Rory Calhoun, Accessibility Specialist, Washington State Recreation Conservation Office

Table 4 Amenities Not Consistent with ADA Guidelines

ADA Compliance

Some aspect of these amenities do not comply with the Americans with Disabilities Act Architectural Guidelines

Beverly Sand Dunes ORV Park

Dispersed camping - no aspect is compliant (table, fire pit, parking, etc.)

Buckshot Recreation Area

Boat launch - no accessible watercraft boarding and parking (car/trailer)

Crescent Bar Recreation Area

Off-Island

No aspect of any of these amenities provided any accommodation for the physically challenged -

- Boat launch
- Marina
- Campground

On-Island

Lacks accessibility to the following facilities -

- Boat launch - water craft boarding, parking
- Active recreation area - playground, access to hard court
- Picnic area - access route, parking, restroom

Priest Rapids Recreation Area

Picnic area - grills - *grills are set in small concrete nodes off the side of the table pads, failing to provide required 48" usable space on all sides of grill. Pouring a pad sufficient to provide 48" on all side of grill would resolve issue.*

Campground - lacks accessible campsites, route to restroom, and garbage receptacle - *a capital project would be required to address this issue*

Riverstone

Marina - lacks accessible docks and route to docks

Sunland Boat Launch

Boat launch - lacks accessible water craft boarding, the vault toilet was built to provide disability accessibility, prior to the existence of the ADAAG and fails to meet current standards in a few dimensions but is very close to compliance, therefore not identified as non-compliant.

Sunland Estate Park

Picnic area (inside Project Boundary) - lacks accessible route, tables

The Cove

Boat launch (hand launch) - lacks access route, parking, water craft boarding

Picnic area - lacks table, grill, restroom, and accessible route to facilities – *Will be addressed as part of any capital project that results from current master planning efforts*

Wanapum Dam Lower Boat Launch

Boat launch - lacks accommodation for water craft boarding, parking, restroom - *To be addressed during ramp renovation planned to occur following Wanapum Dam seismic stability assessment and potential remediation project*

Wanapum Recreation Area (State Park)

Boat launch - parking (car only), garbage receptacle - *available space, meeting slope requirements, utilized for car/trailer parking and restroom, appears to be appropriate application of exemption exception in ADAAG*

Swim Area - lacks accessible route

Picnic Area - lacks accessible route, tables, and grills

See Appendix C Condition Assessment & ADA Compliance for more detailed information.

5.4 Critical Natural Resources – Recreation Impact Assessment

Table 5 Recreational Impact to Critical Natural Resources displays the outcomes of evaluation of recreation impacts at Access Points, Hunting Areas, and Informal Use Areas. These amenities being dispersed sites, with no formal development, and therefore less monitoring associated with management activities.

Table 5 Recreational Impact to Critical Natural Resources

Site / Amenity	Findings of Impact to Critical Natural Areas
A6 Memorial / Informal Use Area	None
Airstrip / Informal Use Area	None
Apricot Orchard / Access Point & Hunting Area	<p><u>PHA</u> – aquatic PHA, no impacts</p> <p><u>Riparian</u> – overstory/understory modified on 0.3% of the length, or 0.6% of the area of the riparian area.</p> <p><u>Recreation erosion</u> – MIC 1) 7”d x 60”w, MIC 2) 24”d, 1361 sq. ft., MIC #3 13”d x 133”w</p>
Black Sands Beach / Informal Use Area	<p><u>PHA</u> – aquatic PHA, no impacts</p> <p><u>Riparian</u> – no impacts</p> <p><u>Recreation erosion</u> – MIC 1) 4”d x 36”w, 2) 8”d x 42”w</p>
Buckshot Recreation Area / Hunting Area	<p><u>PHA</u> - Onsite assessment found less intrusion than shown in 2014 high resolution aerial photo.</p> <p><u>Riparian</u> - No impacts to riparian beyond that of beaver/muskrat. Shrub-steppe recovery is occurring in reclaimed parking area. A single informal trail follows shoreline south, just outside riparian zone.</p>
Burkett Lake / Access Point	<u>PHA</u> - no visible impacts to marsh areas
Cayuse Creek / Hunting Area	<p><u>PHA</u> - numerous wildlife/grazing trails on the site. A road does access the site from outside the Project but there is no indication of recreational use impacts.</p> <p><u>Riparian</u> - No impact to the riparian zone was observed.</p>
Crescent Bar Rec Area On-Island / Informal Use Area	<u>PHA</u> - Aquatic critical area, no impact.

Site / Amenity	Findings of Impact to Critical Natural Areas
Columbia Cliffs / Informal Use Area	None
Columbia Siding / Access Point	<p><u>Riparian</u> – overstory/understory modified on 0.2% of site length, 0.1% of site area</p> <p><u>Recreation erosion</u> – MIC 7”d x 60”w</p>
Crab Creek Park / Access Point	<p><u>Riparian</u> – Trampled bare ground on 2004 sq. ft., 0.7% of site area</p> <p><u>Recreational erosion</u> – MIC 6”d x 40”w</p>
Goose Island / Hunting Area	<p><u>PHA</u> – No impact observed</p> <p><u>Riparian</u> – No impact observed</p>
Haystack Rocks / Access Point	<p><u>Riparian</u> – Trampled bare ground that has resulted in an opening in overstory and understory on 131.4 sq. ft., 1.1% of riparian area.</p>
Lower West Bar / Informal Use Area	<p><u>PHA</u> - Bare soil area, historically a ferry landing. Still used for management activities by WDFW. Bare soil associated with end of road, therefore likely from management activity not recreational. 2,698 sq. ft. impact bare soil, 0.1% of site.</p>
McCumber Beach / Informal Use Area	<p><u>PHA</u> - 1,004 sq. ft. recreation related bare soil in PHA. 2.0% of site.</p>
Priest Rapids Tailrace / Access Point	<p><u>PHA</u> – not present, therefore no impact</p> <p><u>Riparian</u> – not present</p> <p><u>Erosion</u> - Bare soil – 22,000+ sq. ft. due to unmanaged vehicular travel (not inclusive of two track roadway), 0.2% of site</p>
Priest Rapids Wildlife Area / Hunting Area	<p><u>PHA</u> - Poor shrub-step, 22 plants/1000 sq. ft. (>12”) typical, some natural restoration w/ 73 plants/1000 sq. ft. Several 2 track roads associated with managerial/agricultural activities. No apparent association with recreational activities.</p> <p><u>Riparian</u> - No impacts to riparian.</p>
Quilomene Bar / Hunting Area	No indications of recreational activity.

Site / Amenity	Findings of Impact to Critical Natural Resources
Quilomene Dune & Bay / Informal Use Area	<u>PHA</u> – aquatic, no impact Recreational erosion – MIC 48” d x 276”w
Quincy Wildlife Area / Access Point	<u>PHA</u> – aquatic, no impact Riparian – no impact Recreational erosion – MIC 1) 12”d x 84”w, 2) 6”d x 72”w
Riverstone Resort / Access Point	<u>PHA</u> – aquatic, no impact
Sand Hollow Rec Area / Informal Use Area	<u>PHA</u> – No impact <u>Erosion</u> - bare soil on 3.2% of site, all outside PHA. Continued monitoring desirable. If foot path becomes an alternate course for irrigation run-off channel, PHA wetlands could be negatively modified.
Sentinel Gap / Access Point	<u>PHA/Riparian</u> - Three impact sites identified. Total impact PHA/riparian area is 0.4% of the lineal plane of the riparian area, or 0.1% of the site.
Sunland Shoreline / Access Point	Managed consistent with PRDP, no assessment made.
Tarpiscan Creek / Hunting Area	<u>PHA</u> - No indication of recreational activity.
Upper West Bar / Informal Use Area	<u>PHA</u> - No indication of recreational activity.
Whiskey Dick / Hunting Area	<u>PHA</u> - There is vehicle access to the site from outside the Project. Several wildlife trails exist on the site, as well as one more defined trail that potentially could be an informal recreation user defined trail. The informal trail originates from the roadway and therefore is not associated with Project recreation. The informal trail has minimally more impact than wildlife trails, with no bare soil areas beyond the trail itself. <u>Riparian</u> - No impact to riparian.

See Appendix D Recreational Impact to Critical Natural Resources for details on what priority habitats exist at each site and type of site evaluation conducted at each site.

Also of interest was documentation during the recreation monitoring process, utilizing high resolution aerial photography, of natural restoration of bare soil from two track motor vehicles within two years, once the activity no longer occurred.

Judgment of erosion impacts was difficult at the beach edge of riparian areas. Low banks created by wind-wave action were found broken down by informal recreational use to an angle of repose naturally sought by all steep banks in order to achieve stability. Recreationist may be simply accelerating the natural process in these cases.

5.5 Future Facility Improvements Scheduled for Construction

Burkett Lake, 2nd phase

- Reservoir Fishing (ADA pier)
- Picnic Area
- Interpretive Display
- Vault Toilet
- Parking
- Trash Receptacles
- Accessible Routes to Facilities

The Cove

- TBD during development of the RRMP update.

Crescent Bar Recreation Area (pending FERC approval of final design)

- Boat Launch with ADA Boarding Float
- Picnic Area
- Swim Area
- Trail
- Restroom with Shower
- Camping
- Interpretive Displays
- Parking
- Accessible Routes to facilities

Wanapum Lower Boat Launch

- Boat Ramp with ADA Boarding Float
- Picnicking
- Vault Toilet
- Interpretive Display
- Paved and Gravel Parking
- Accessible Routes to Facilities

Wanapum Recreation Area (WSPRC)

- Picnic Area with Picnic Shelter
- Accessible Routes to Parking and Restroom

This list contains only improvements currently in the design phase or scheduled for construction. The RRMP update may include additional work that is the outcome of that process.

5.6 Watercraft Launch Capability at Low Pool

Project operations create fluctuations in the pool levels, within the range allowed by the License, indicated at the bottom of Table 6, at both Priest Rapids and Wanapum reservoirs throughout the year. FERC requires a licensee to assess the effects of Project operations on recreational access to the Project (18 CFR 4.51(f) (5) 1998). As a result, it is important to determine how these fluctuations potentially affect visitor access to the reservoirs.

One method of assessing potential effects is to determine which launch ramps are functional at all normal operating water levels for the Project. Because Grant PUD may need to alter pool levels during the recreation season, it is desirable that at least one boat launch lane be usable at ordinary low pool⁸ on each reservoir.

A measure of “functional” is the ability to launch water craft at normal low pool levels. A minimum of three feet of water depth at the toe of a boat ramp is generally considered adequate water for a ramp to function at that pool level⁹. Table 6 reflects how fluctuations in pool level would affect the water depth at each of the 11 public boat launches on both Priest Rapids and Wanapum reservoirs.

In 2015, of the 11 ramps on the Project, one ramp on Priest Rapids reservoir and three ramps on the Wanapum reservoir are fully functional 99% of the time (ordinary low pool), and one ramp on the Wanapum reservoir is fully functional even at lowest allowed pool level (low pool). This compares to 2000, prior to recent facility improvements, when none of the ramps were fully functional even at ordinary low pool.

It should be noted that during higher flow rates on the river, launch ramps at the upper end of Wanapum reservoir will have greater water depth over the ramp than indicated. This is caused by a phenomenon called backwater curve. The information below provides worst case scenario for minimum depth at each launch ramp at ordinary low water.

⁸ The low water level, not exceeded 99% of the time, is commonly referred to as ordinary low pool. Daily minimum pool levels for the period 1968-2008, measured at Wanapum Dam tailrace for Priest Rapids reservoir and measured at Wanapum dam forebay for Wanapum reservoir, indicate that 99% of the time the lowest reservoir levels are 1.6 feet higher than maximum low pool levels.

⁹ Oregon State Marine Board, 1997

Table 6 Individual Watercraft Launch Site's Usability at Low Pool

Boat Launch Site (Operator)	Reservoir	Water Depth at Toe of Ramps at Lowest Pool (feet)	Water Depth at Toe of Ramps at 99% Low Pool (feet)	Water Depth at Toe of Ramps at 99% Low Pool 2000 (feet)
Priest Rapids Recreation Area (Grant PUD)	Priest Rapids	2.0	3.6	0.8
Buckshot Recreation Area (WDFW)	Priest Rapids	-0.4	1.2	1.2
Wanapum Dam Lower Launch (Grant PUD)	Priest Rapids	-1.8	-0.2	-0.2
Huntzinger Launch	Priest Rapids	-1.0	0.6	NA
Wanapum Dam Upper Launch (Grant PUD)	Wanapum	1.0	2.6	-0.2
Wanapum Rec. Area, G/WSP (WSPRC)	Wanapum	2.4	4.0	-1.4
Vantage Launch (Grant PUD/Kittitas County)	Wanapum	3.1	4.7	-2.2
Frenchman's Coulee (WDFW)	Wanapum	1.2	2.8	-0.7
Sunland Boat Launch (WDFW)	Wanapum	0.2	1.8	-1.6
Crescent Bar Recreation Area – 2 ramps (Private)	Wanapum	0.7 1.2	2.3 2.8	-0.9 2.8
YoYo Rock Launch (WDFW)	Wanapum	2.0	3.8	NA

5.7 National Recreation Trails and federal Wild and Scenic Rivers

The John Wayne Pioneer Trail (JWPT) corridor passes through the Project, crossing the Priest Rapids reservoir on the Beverly Bridge. The JWPT is a conversion of the abandoned Milwaukee Railroad line to a non-motorized recreation trail on that section of rail-bed between North Bend, on the east edge of Seattle, and Tekoa, on the Idaho border south of Spokane.



The trail is developed and the public is invited to use it on the portion from North Bend to the trailhead on Huntzinger Road near the west boundary of the Project. This completed section has been designate a National Recreation Trail. The undeveloped portion of trail located on Beverly Bridge and continuing east through the Crab Creek drainage is under the management of the Washington Department of Natural Resources and known as the Milwaukee Road Corridor.

Due to topography there is no reasonable public access from the Huntzinger trailhead to Project lands and waters. Beverly Bridge is currently not open for public use. There are no developed trailheads east of Beverly Bridge, at this time, and the trail surface at the east end of the bridge is presently only suitable for limited pedestrian or equestrian use. Very little of the trail corridor, excepting the Beverly Bridge and its abutments, is within the Project boundary.

Until a trail head is developed on the east side of the Columbia River, design or development work for the conversion of Beverly Bridge to trail use only creates a bridge to nowhere, rather than a link in the National Recreation Trails network. Eventually, conversion of the Beverly Bridge to non-motorized recreational use will provide the public, regardless of physical ability level, the opportunity to experience Project lands and waters from a vantage point previously only available to those with access to a plane or boat.

6.0 Conclusion

While not the original purpose of this study, it does point out the spectrum of recreational opportunities available within the Priest Rapids Project, from dispersed sites with no development to developed urban recreation.

Most amenities within the Project are in good condition, structurally sound, properly functioning, and appealing in appearance. Exceptions are noted in Table 3.

In comparison to the previous comparable 2000 study the major changes are:

- The increased number of amenities and supporting facilities that exist on the Project.
 - 2015, 129 amenities
 - 2000, 49 amenities
- The number amenities that are now available for those with disabilities.
 - 2015, 60 of 85, or 71% of developed amenities
 - 2000, 2 of 38, or 5% of developed amenities
- The number of water craft launch sites that are now usable at all ordinary pool levels.
 - 2015, 4 of 11, 36% are usable at ordinary low water
 - 2000, 0 of 9, 0% were usable at ordinary low water

The findings of this report will be combined with other inter-related studies and the resulting conclusions and recommendations will appear as the foundation of the 2015 Recreation Management Plan – Update for the Priest Rapids Project.

Appendix A
Inventory Summary by River Segment

Reservoir Segments

Various recreational opportunities and geographic features define each river segment, as well as significant geographic and man-made landmarks that separate them. Per the Grant PUD's Shoreline Management Plan, the project is broken into seven river segments identified in Figure 4.

Management Units *Priest Rapids Project*

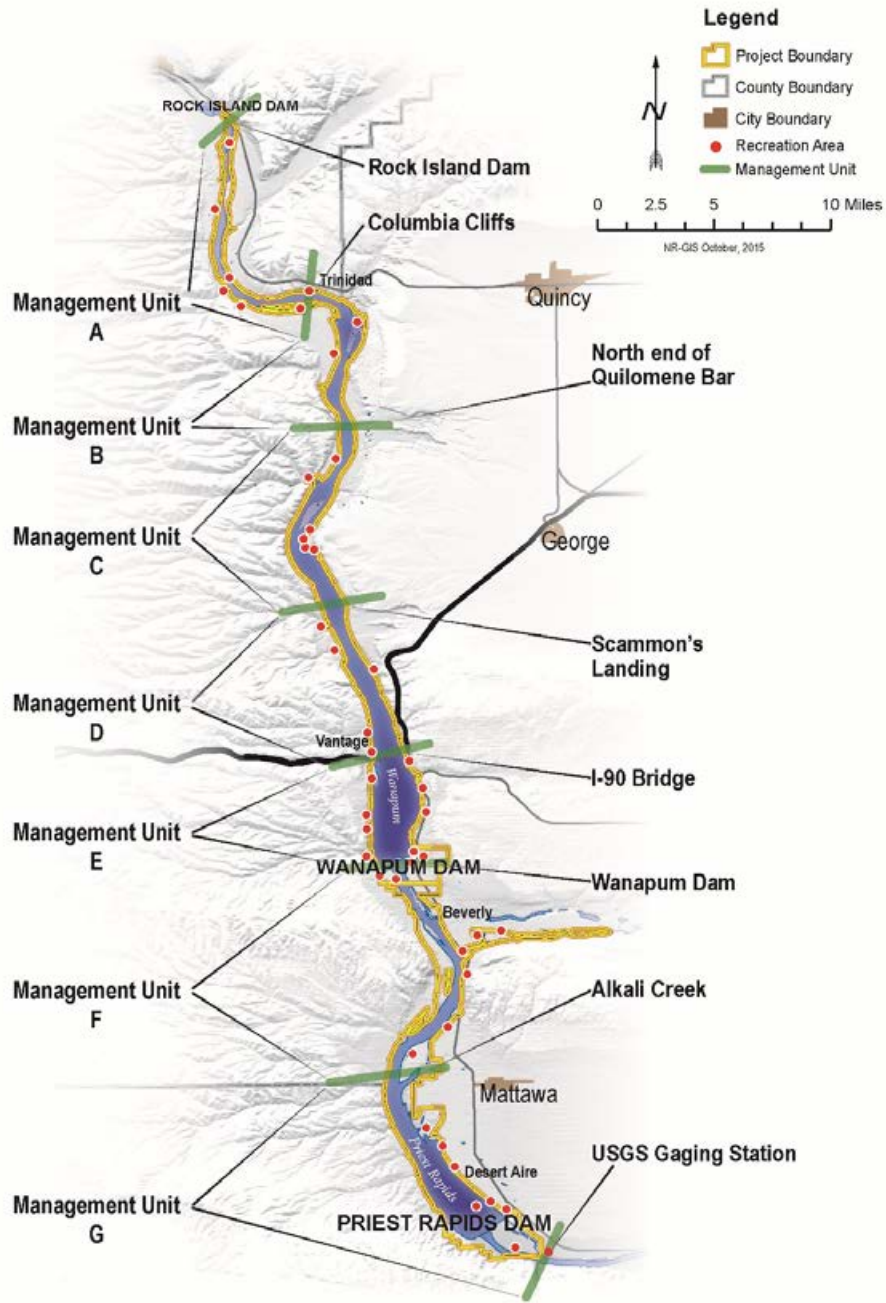


Figure 1 Reservoir Segments

Table 1 Amenities Summary by River Segment

Amenities	River Segments							Grand Total
	A	B	C	D	E	F	G	
Sum of Number of launches	1	2	1	3	3	2	5	17
Sum of Number of Marinas	0	1	0	1	0	0	0	2
Sum of Number of Tailwater Fishing Accesses	0	0	0	0	0	0	1	1
Sum of Number of Reservoir Fishing Platforms	0	0	0	0	1	0	0	1
Sum of Number of Swim Areas	0	0	1	0	2	0	1	4
Sum of Number of Trails	0	0	0	1	0	1	1	3
Sum of Number of Active Recreation Areas	0	3	0	0	0	0	0	3
Sum of # of Picnic Areas	0	1	2	3	7	1	2	16
Sum of Number of overlooks	0	0	0	1	1	3	0	5
Sum of Number of Visitor Centers	0	0	0	0	1	1	1	3
Sum of Number of Interpretive Displays	0	0	1	4	9	11	10	35
Sum of Number of Hunting Areas	2	1	1	2	0	0	4	10
Sum of Number of Campgrounds	0	2	0	1	2	0	2	7
Sum of Number of Group Camps	0	0	0	0	0	0	0	0
Sum of Number of Dispersed Camping Areas	0	0	1	0	0	1	1	3
Sum of Number of Informal Use Areas	2	2	1	0	4	0	0	9
Sum of Number of Access Points	2	0	2	1	1	4	1	11

Table 2 Primary Facilities by River Segment

Primary Facilities	River Segment							Grand Total
	A	B	C	D	E	F	G	
Sum of launch lanes	1	4	2	3	4	2	5	21
Sum of launch floats/docks - linear ft.	0	50	0	260	208	144	240	902
Sum of Moorage slips	0	20	0	10	0	0	0	30
Sum of Reservoir Platforms - lineal ft	0	0	0	0	60	0	0	60
Sum of Trail miles	0	0	0	0.86	0	1.58	3.1	5.54
Sum of Picnic Tables	0	9	9	19	99	14	24	174
Sum of Picnicking Fire grill (pedistal or pit)	0	0	0	4	30	0	8	42
Sum of Picnicking Shade Structures	0	0	0	0	0	6	0	6
Sum of # Signage/Kiosk/Billboard/Displays	0	0	5	12	25	18	17	77
Sum of Campsites - w/utilities	0	120	0	0	50	0	0	170
Sum of Campsites - standard (flush toilet)	0	39	0	0	2	0	0	41
Sum of Campsites - Primitave (vault toilet)	0	0	0	10	40	0	24	74

Table 3 Support Facilities – Parking by River Segment

Support Facilities - Parking by River Segment	River Segments							Grand Total
	A	B	C	D	E	F	G	
Sum of launch parking stalls (car only)	1	0	2	2	5	5	78	93
Sum of launch parking stalls - car/trailer	11	97	44	94	88	114	108	556
Sum of Marina Parking Stalls	0	6	0	0	0	0	0	6
Sum of Reservoir Fishing Parking Stalls	0	0	0	0	7	0	0	7
Sum of Swim Area Parking Stalls	0	0	0	0	0	0	0	0
Sum of trail parking stalls (car only)	0	0	0	0	0	10	25	35
Sum of Active Rec Parking Stalls	0	0	0	0	0	0	0	0
Sum of Picnicking Parking stalls	0	62	15	19	196	24	18	334
Sum of Overlook Parking stalls	0	0	0	0	17	0	0	17
Sum of Visitor Center Parking stalls	0	0	0	0	47	0	0	47
Sum of Hunting - Parking stalls	0	0	0	0	0	0	0	0
Sum of Access Point Parking Stalls	19	0	0	0	4	92	33	148

Table 4 Support Fac. – Restrooms/Vault Toilets by River Segment

Support Fac. - Restrooms/Vault Toilets by River Segment	River Segments							Grand Total
	A	B	C	D	E	F	G	
Sum of launch restrooms	0	0	0	1	1	0	0	2
Sum of Launch vault toilets	1	0	1	1	1	1	3	8
Sum of Marina Restrooms	0	0	0	0	0	0	0	0
Sum of Marina Vault Toilets	0	0	0	0	0	0	0	0
Sum of Tailwater Vault Toilets	0	0	0	0	0	0	1	1
Sum of Reservoir Fishing Restrooms	0	0	0	0	0	0	0	0
Sum of Reservoir Fishing Vault Toilets	0	0	0	0	1	0	0	1
Sum of Swim Area Restrooms	0	0	0	0	0	0	0	0
Sum of Swim Area Vault Toilets	0	0	0	0	0	0	0	0
Sum of Trail Restrooms	0	0	0	0	0	0	0	0
Sum of Trail Vault Toilets	0	0	0	0	0	1	1	2
Sum of Active Rec Restrooms	0	0	0	0	0	0	0	0
Sum of Active Rec Vault Toilets	0	0	0	0	0	0	0	0
Sum of Picnicking Restrooms	0	0	0	0	2	1	0	3
Sum of Picnicking Vault Toilets	0	0	1	1	1	0	1	4
Sum of Overlook Restrooms	0	0	0	0	0	0	0	0
Sum of Overlook Vault Toilets	0	0	0	0	1	0	0	1
Sum of Hunting - Vault Toilets	0	0	0	0	0	0	0	0
Sum of Restrooms (flush toilets w/ showers)	0	2	0	0	2	0	0	4
Sum of Campground Restrooms (w/o showers)	0	0	0	0	0	0	0	0
Sum of Campgrounds Vault Toilets	0	0	0	1	3	0	1	5
Sum of Dispersed Camping Vault Toilets	0	0	0	0	0	0	0	0
Sum of Access Point Vault Toilets	0	0	0	0	0	0	0	0

Appendix B
Site Inventory and Assessment

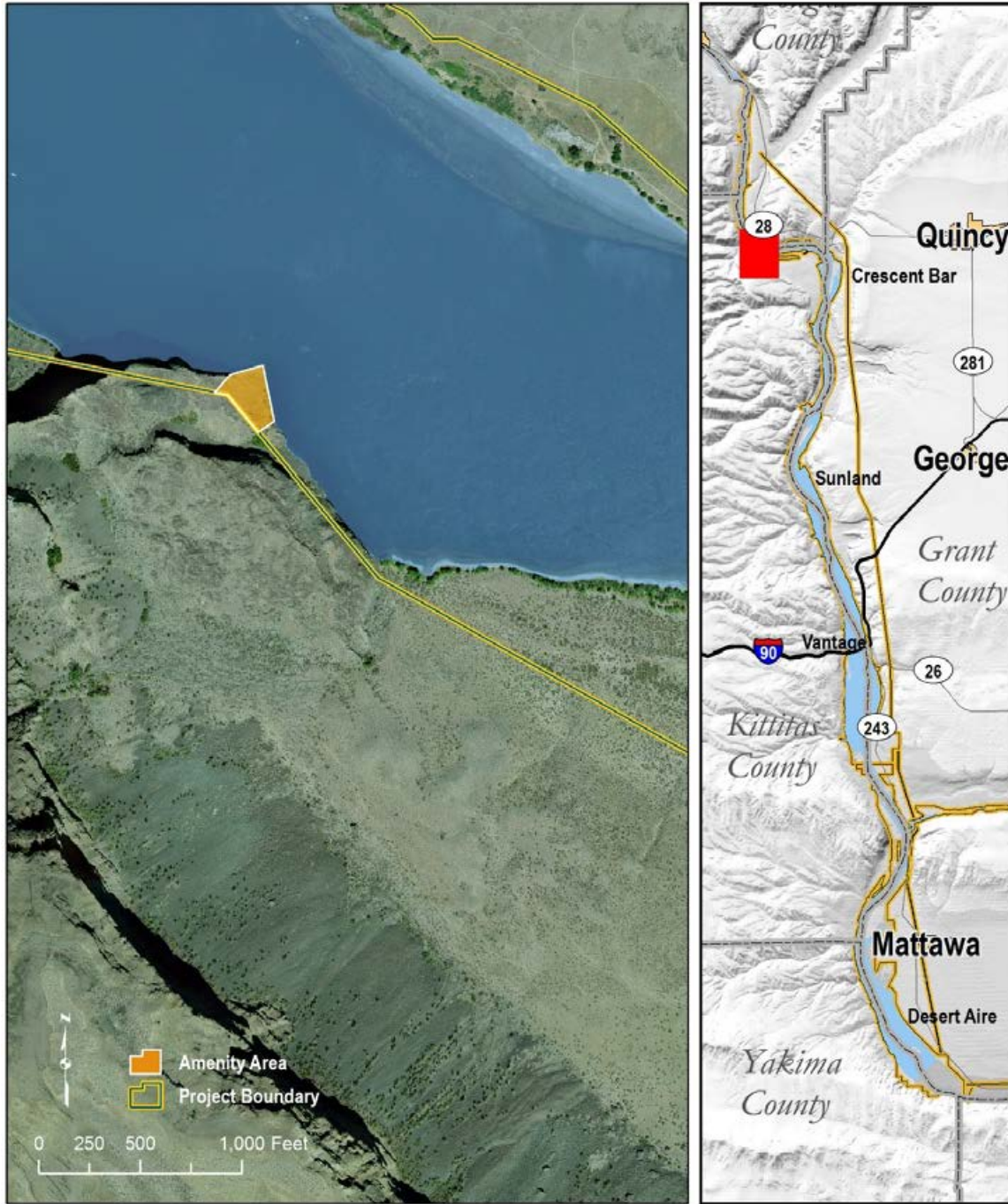
A6 Memorial Informal Use Site



A memorial erected in memory to a Navy A6 aircraft on a training mission that crashed into the hillside, with fatalities, is the only feature at this site. Boat-in access is the only means of visiting the site. The site is recorded on FERC Form 80 as an informal use amenity on the Project, but is not a FERC approved site (this amenity is not a license requirement).

The site is located on the right (west) bank of the Wanapum reservoir, approximately 7.5 miles below Rock Island Dam.

Vicinity Map – A6 Memorial Site



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADA Accessibility Guidelines (ADAAG) standards.

Natural Resource Condition – Recreation Impacts

The site is located on a basalt talus slope. No riparian zone or critical habitat area exists on the site. Due to the rocky surface, little evidence exists of the presence of recreationists visiting the site.

Future Plans

None

Summary

This is a dispersed primitive site, consistent with the recreation management objectives for this segment of the Wanapum development.

Facilities Inventory - Data Sheet - A6 Memorial							
FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	
Boat Launch	Number of launches		0	0	0	0	
Marina	Number of Marinas		0	0	0	0	
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0	
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0	
Swim Area	Number of swim areas		0	0	0	0	
Trails	Number of Trails		0	0	0	0	
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0	
Picnic Area	# of Picnic Areas		0	0	0	0	
Overlook / Vistas	Number of Overlooks		0	0	0	0	
Visitor Center	Number of Visitor Centers		0	0	0	0	
Interp Displays	Number of Interpretive Displays		0	0	0	0	
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0	
Hunting Area	Number of Hunting Areas		0	0	0	0	
Campground	Number of Campgrounds		0	0	0	0	
Campsites	Campsites - w/utilities		0	0	0	0	
	Campsites - standard (flush toilet)		0	0	0	0	
	Campsites - Primitive (vault toilet)		0	0	0	0	
Group Camp	Number of Group Camps		0	0	0	0	

Facilities Inventory - Data Sheet - A6 Memorial						
FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		1	0	N/A	N/A
	Informal Area - Acres		1.1	0	N/A	N/A
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Airstrip Site

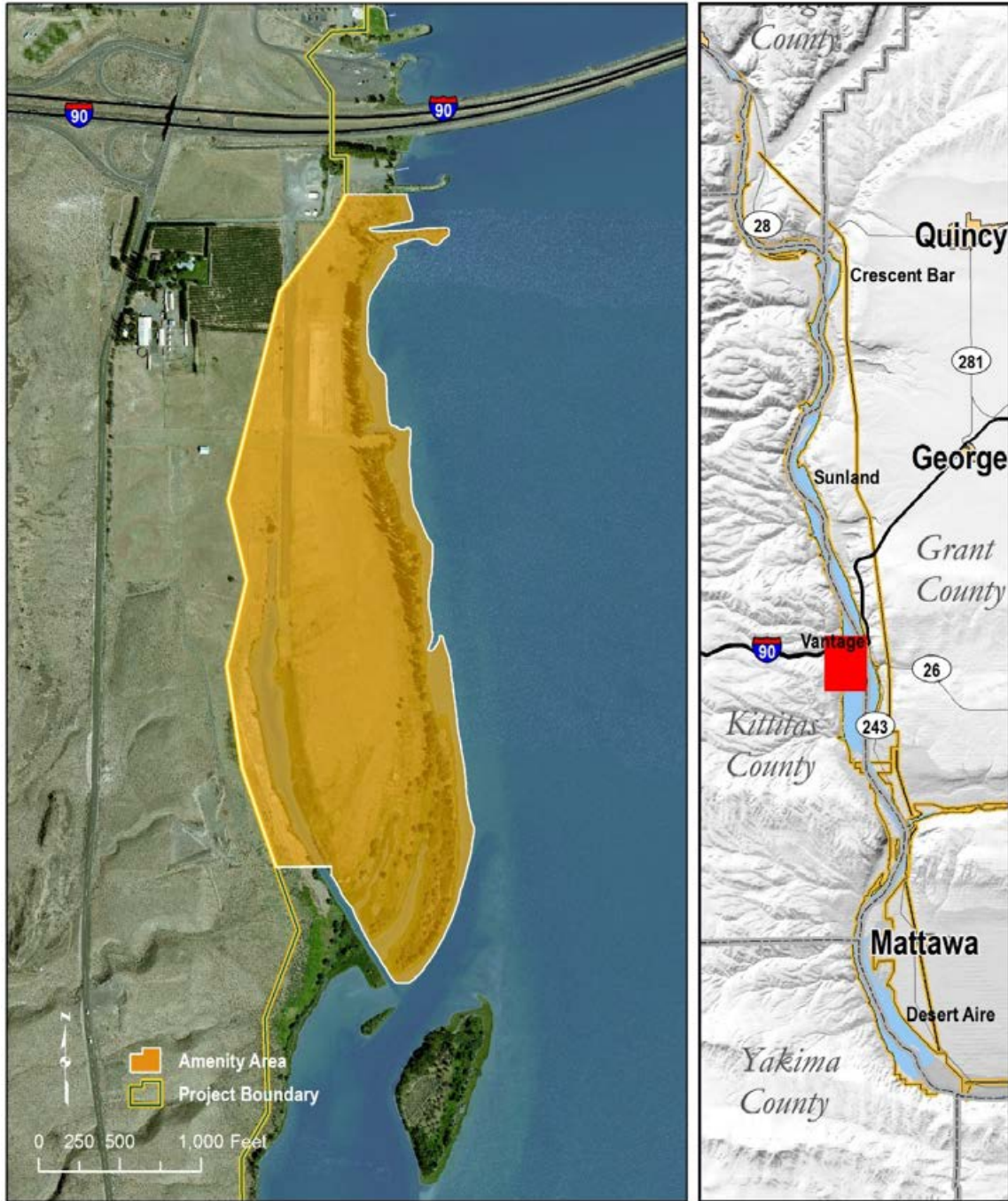


The Airstrip Site is an informal use area accessible only by boat for the general public. Grant PUD has an administrative easement allowing vehicle access for Grant PUD vehicles and personnel performing management functions, at this time.

Prior to Grant PUD ownership, this site was utilized for agricultural and horse ranching purposes. The site name is derived from the private airstrip that existed on the site in conjunction with the ranching business.

The site is recorded on FERC Form 80 as an informal use amenity on the Project, but is not a FERC approved (required) site at this time. FERC has ordered that no decisions as to any specific development would be made until the updated RRMP, informed by this and associated studies, is filed.

Vicinity Map – Airstrip Site



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian Area

The riparian area has been modified in a couple of locations by actions of the previous land owner, but no indication exists that current recreational activities have impacted these sites. During the sale of the property to Grant PUD the previous owner, currently the adjacent property owner, retained an easement for access to the river for purposes of watering livestock during emergency power outages.

- Priority Habitat Areas

Priority Habitats include Wanapum Water Fowl Area and Ginkgo State Park, associated with winter concentrations of water fowl in the bays of this site. There have been no recreational impacts to these PHAs.

- Recreational Erosion

No recreation related erosion was observed on the site.

Future Plans

No development plans currently exist for this site. The RRMP update will evaluate what, if any, development is appropriate at this time, as an outcome of the various studies supporting that document.

Summary

The site is currently lightly used as an informal use area supporting dispersed recreational activities.

Facilities Inventory - Data Sheet - Airstrip Site

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0

Facilities Inventory - Data Sheet - Airstrip Site

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		1	0	N/A	N/A
	Informal Area - Acres		106.1	0	N/A	N/A
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Apricot Orchard Boat Launch

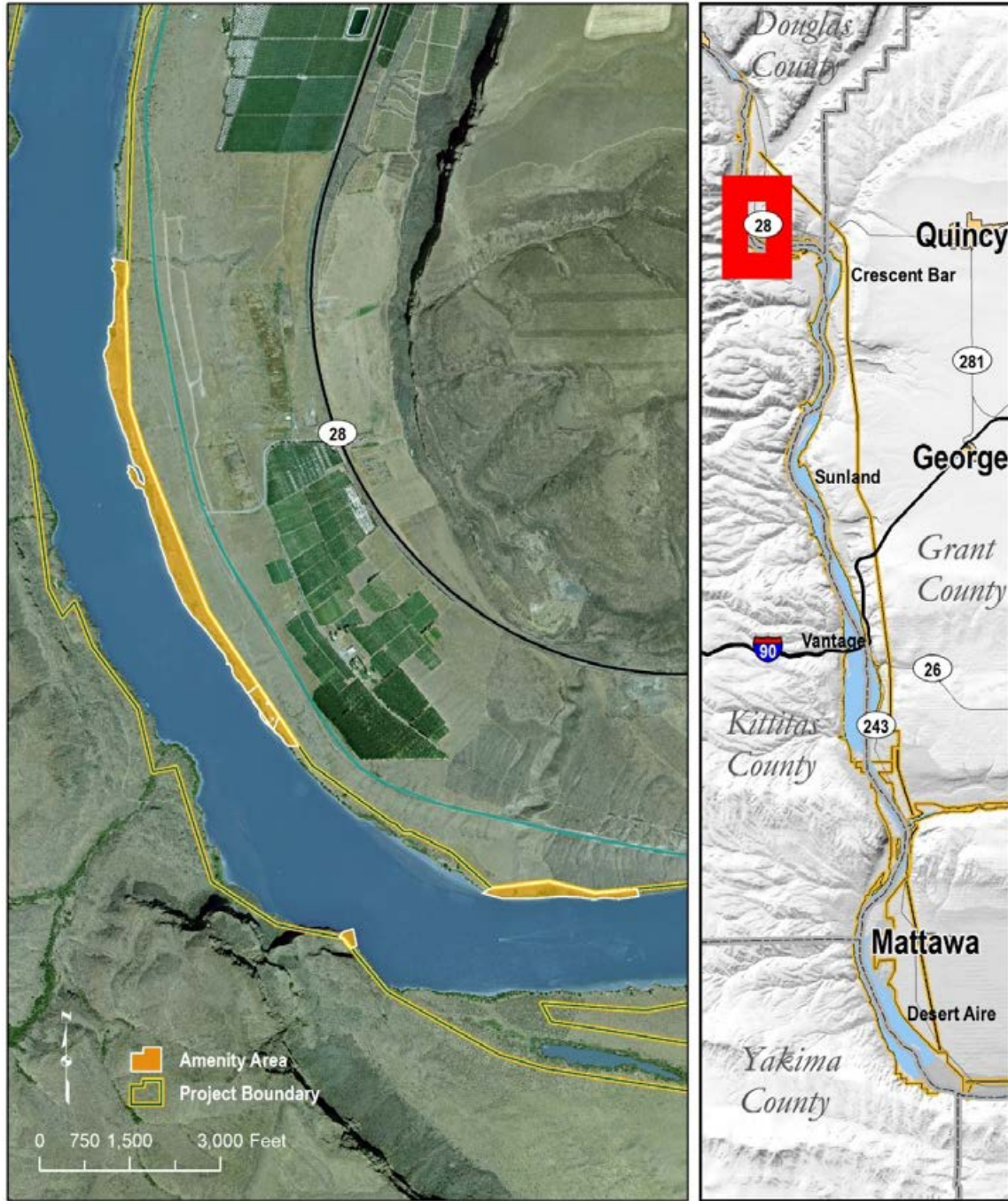


At the time of this inventory and assessment there was no development at Apricot Orchard. The public uses the site for hunting, water fowl primarily, and as an access point to the Project lands and waters. Those amenities were recorded on the most recent FERC Form 80 but these are not FERC approved.

FERC approved amenities for this site, as required by the License, include a boat launch that is ADA accessible and interpretive displays. See Future Plans below for details.

The site is located on the left (east) bank of the Wanapum reservoir, approximately 7 miles below Rock Island Dam.

Vicinity Map – Apricot Orchard



Condition

There are no built facilities at this site, therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian Area

Within the area utilized as an access point, multiple points of erosion and vegetation modification have occurred within the riparian zone. Two points of overstory and understory modification account to impact to 0.3% of the lineal length and 0.6% of the area of the riparian area.

Erosion within the riparian area consisted of one MIC 7”d x 60”w

- Priority Habitat Areas

PHA is Wanapum Water Fowl. No recreational impact has occurred to this aquatic PHA.

- Recreational Erosion

Recreational erosion related to shoreline access points occurred at two points. MIC 1) 24”d, 1361 sq. ft., MIC 2) 13”d x 133”w



Future Plans

The FERC required amenities of a single lane boat launch, interpretive displays, and supporting facilities, including; a single vault toilet, gravel parking area, trash receptacles, 2 kiosks with interpretive/educational materials, and accessible routes to all facilities will be completed by December 31, 2015.

Summary

Development consistent with a rural primitive setting is supportive of management objectives for this segment of the Project. The planned community development being sought for lands adjacent to the project in this area may challenge efforts to preserve that experience.

Facilities Inventory - Data Sheet - Apricot Orchard

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	N/A	N/A
	# Signage/Kiosk/Billboard/ Displays		0	0	N/A	N/A
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		9.9	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
Hunting - Vault Toilets		0	0	N/A	N/A	

Facilities Inventory - Data Sheet - Apricot Orchard

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	0	0	0
	Campsites	Campsites - w/utilities	0	0	0	0
		Campsites - standard (flush toilet)	0	0	0	0
		Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
	Informal Area - Acres		0	0	0	0
Access Points	Number of Access Points		1	0	3	No
	Access Point Parking Stalls		15	0	3	No
	Access Points - Area (acres)		51.2	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Beverly Dunes ORV - ORV Riding Area, West End

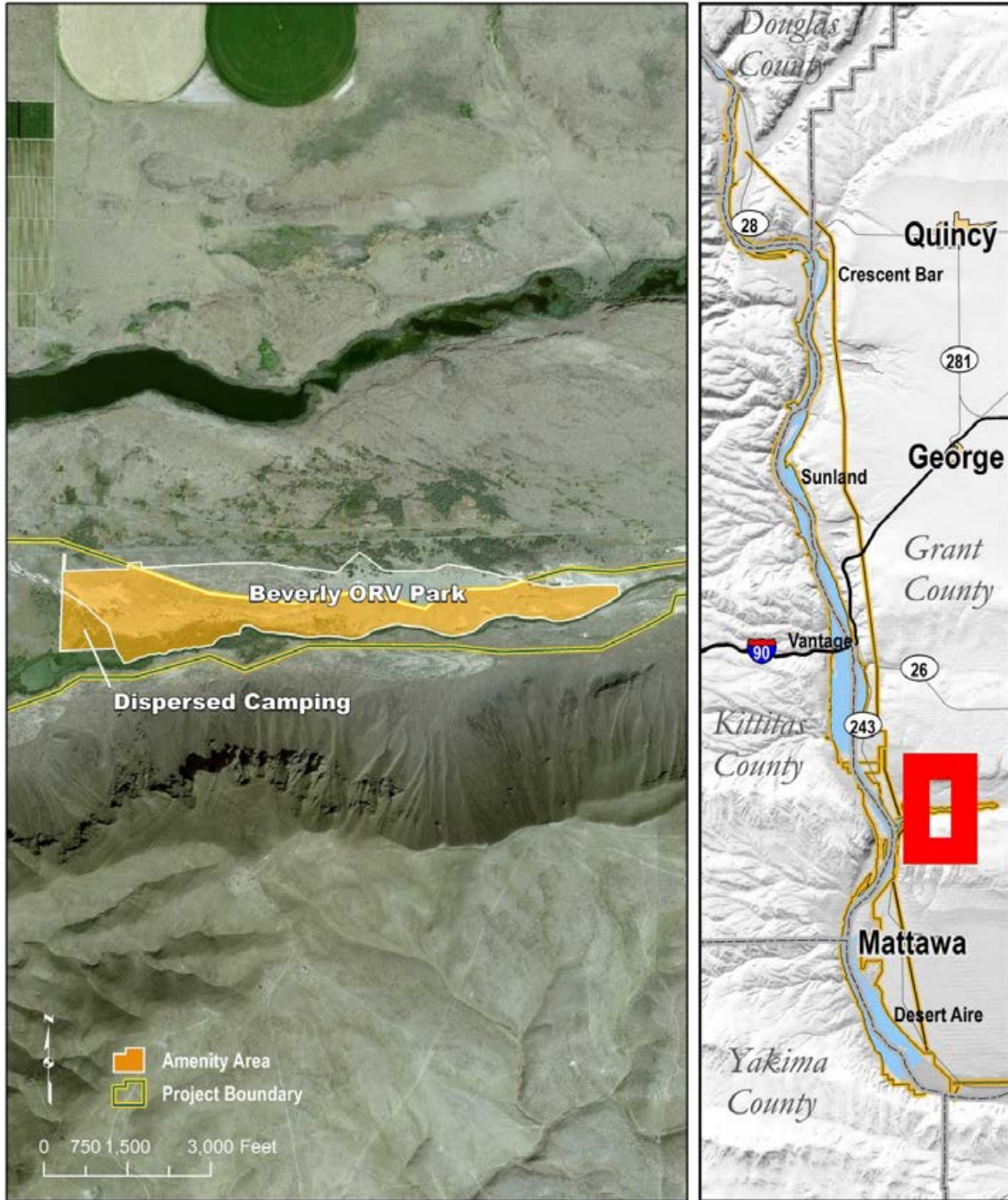


Beverly Dunes is an Off Road Vehicle (ORV) riding area owned by the Washington State Department of Natural and Resources (DNR) and the Washington Department of Fish and Wildlife (WDFW) within the Project boundary. The area is managed by DNR. Dispersed camping is an allowed activity at the site. Grant PUD reports these amenities on FERC Form 80 as “other” amenity for the ORV riding area and dispersed camping. Neither amenity is FERC approved (not a license requirement). Per the License, Grant PUD has provided assistance to DNR with efforts to protect lands outside the ORV area from off-road vehicle use. Grant PUD has also, on occasion aided with maintenance efforts at this site.

The amenities are supported by fire grills, picnic tables, parking, a garbage receptacle, and portable toilets within the dispersed camping area, along with parking, a garbage receptacle, and a portable toilet at the ORV riding area.

The site is located on Crab Creek east of Schawana and Beverly, small towns located on the left (east) shore of Priest Rapids reservoir five miles below Wanapum Dam.

Vicinity Map – Beverly Dunes ORV



Condition

All built facilities were found to be in good condition, only requiring routine maintenance to be functional, safe, and acceptable for general public use. Being an ORV area, it was difficult to identify designated roads from user defined travel corridors.

ADA Compliance

No accessibility features have been developed at the site. While most ORV users are seeking higher challenge levels, including those with disabilities, and disabled ORV users are usually able to overcome accessibility challenges greater than the universal level of accommodation identified in the ADAAG, there could be friends and family members observing the activities that would appreciate and desire accessibility assistance.

Natural Resource Condition – Recreation Impacts

As a designated and developed recreation site, recreation impacts to the natural resources were not assessed at this site.

Future Plans

No plans for renovation or development are known of for this site.

Summary

The site appears to function as intended, providing an area for those seeking the challenges of motorized off road travel. The site provides an opportunity for those seeking this activity and thereby provides protection to other natural areas.

ORV Area Overview



Facilities Inventory - Data Sheet - Beverly Dunes ORV Park

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	0	0	0	0
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0
Trails	Number of Trails	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0
Picnic Area	# of Picnic Areas	0	0	0	0
Overlook / Vistas	Number of Overlooks	0	0	0	0
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	0	0	0	0
	# Signage/Kiosk/Billboard/ Displays	0	0	0	0
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0

Facilities Inventory - Data Sheet - Beverly Dunes ORV Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
	Number of Dispersed Camping Areas		1	0	2	No
Dispersed Camping Areas	Dispersed Campsites - Primitive (vault toilet)		0	0	N/A	N/A
	Fire grill (pedestal or pit)		12	0	2	No
	Picnic Tables		11	0	2	No
	Parking Stalls		12	0	2	No
	Dispersed Camping - Area (acres)		15.8	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	2	No
	Restrooms		0	0	N/A	N/A
	Dispersed Camping Vault Toilets		0	0	N/A	N/A
	Informal Use Area	Number of Informal Use Areas		0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		185.7	75.3	N/A	N/A
	Other - Parking stalls		51	0	2	No
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	1	No
	Restrooms		0	0	N/A	N/A
	Other - Vault Toilets		0	0	N/A	N/A

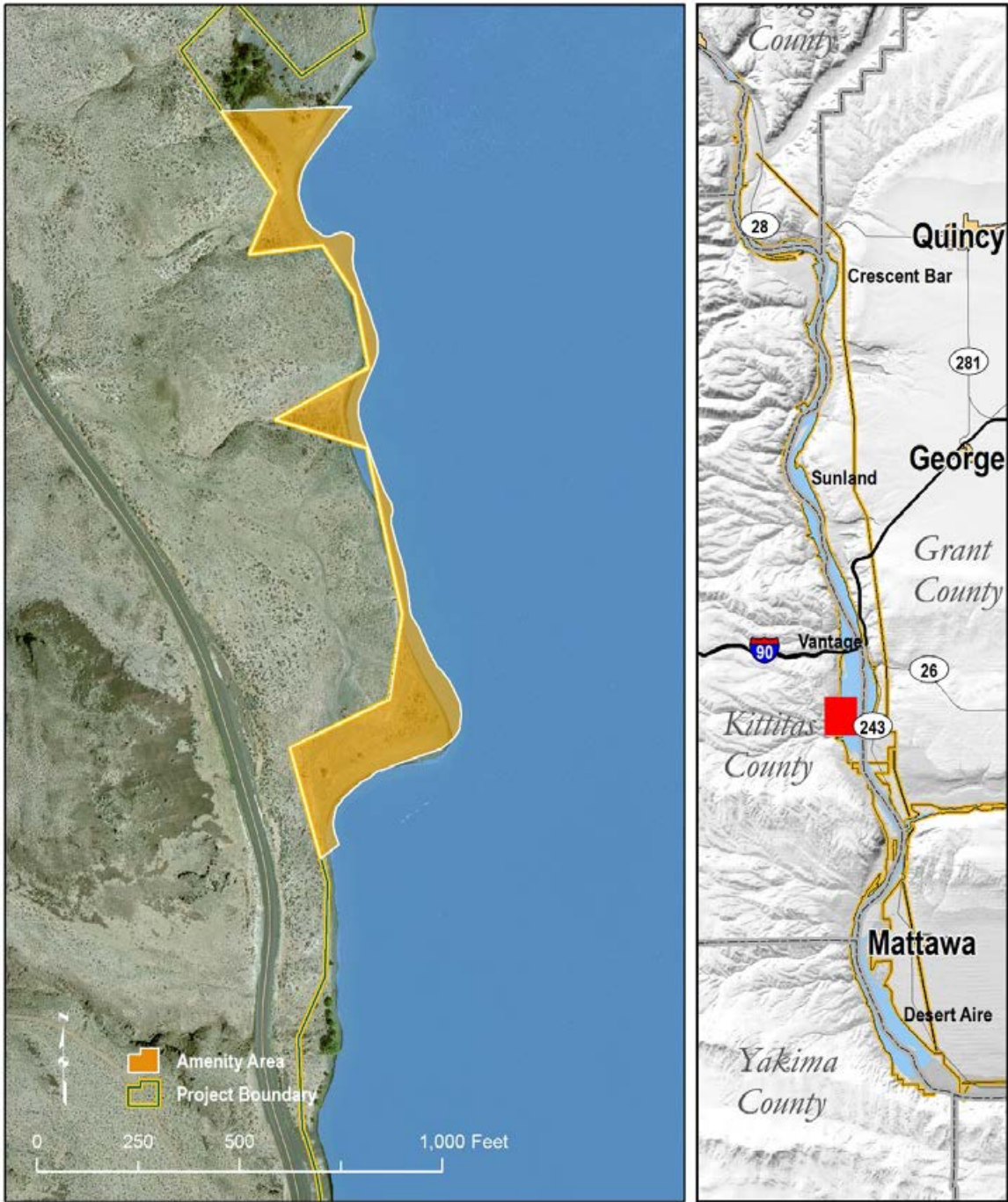
Black Sands Beach - Black Sands Beach, North Beach



Black Sands Beach is an informal use area accessible predominantly by boat, with a small amount of foot traffic coming from Wanapum State Park. Black Sands is a FERC approved (required) amenity. There is a License requirement that Grant PUD provides recreation monitoring and site clean-up at this location.

Black Sands Beach is located on the right (west) bank of the Wanapum reservoir, just south of Ginkgo/Wanapum State Park, approximately 1.5 miles upstream of Wanapum Dam.

Vicinity Map – Black Sands Beach



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian
No riparian zone at this site.
- Priority Habitat Area
PHA is loon habitat. All habitat area is below ordinary high water (OHW). There is no recreational impact to the PHA at this site.
- Recreational Erosion
Recreational erosion consisted of MIC 1) 4”d x 36”w and MIC 2) 8”d x 42”w

Black Sands Beach, South Beach



Future Plans

None

Summary

The site functions well for dispersed recreation by boaters. Located a short distance from the Wanapum State Park, it provides opportunities for lower density recreation with minimal impacts.

Facilities Inventory - Data Sheet - Black Sands

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0

Facilities Inventory - Data Sheet - Black Sands

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		1	0	N/A	N/A
	Informal Area - Acres		4.2	0	N/A	N/A
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

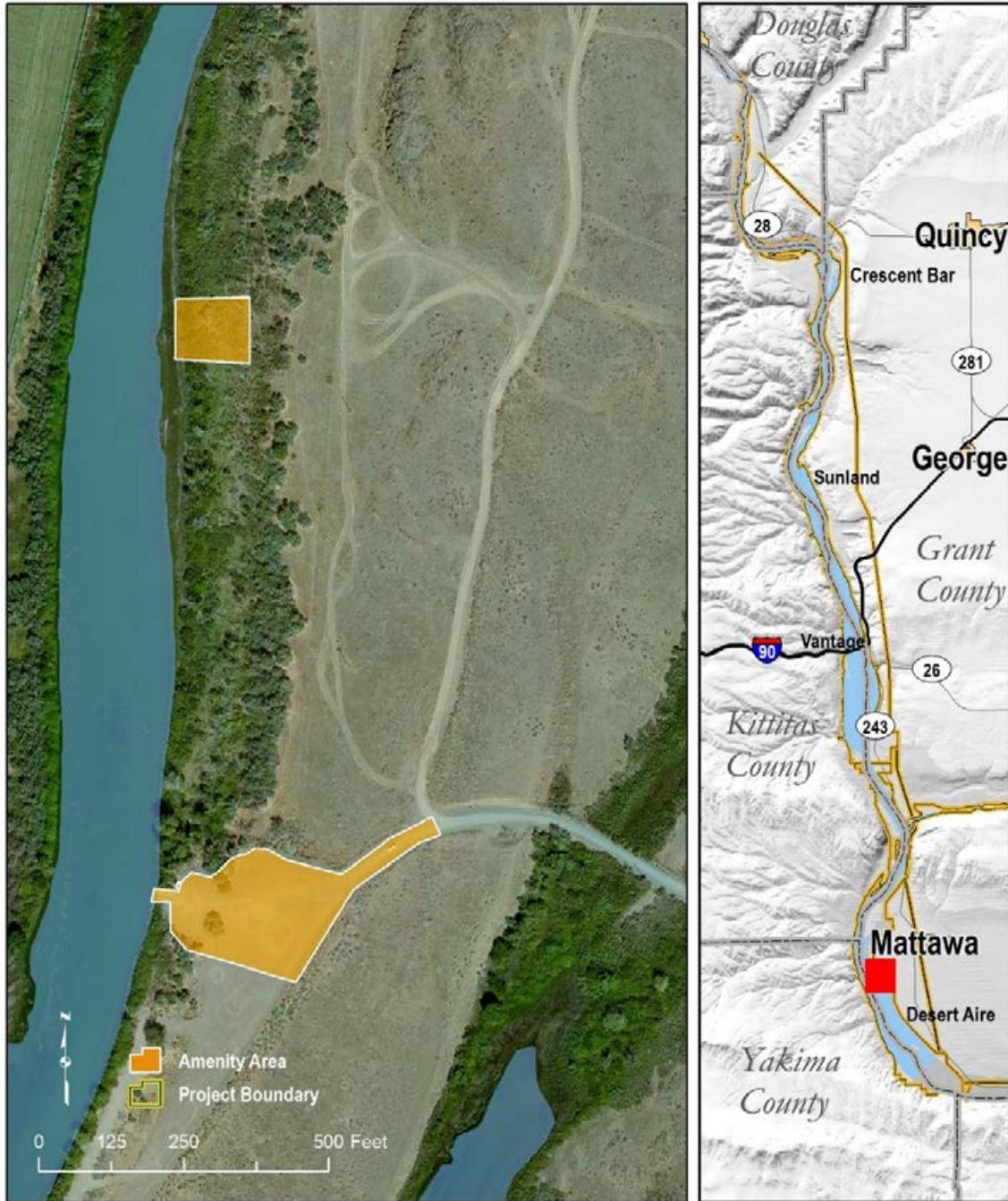
Buckshot Recreation Area



Buckshot Recreation Area contains a boat launch, a hunting area, and an interpretive display. These FERC are approved amenities (required by the license). Facilities supporting these amenities include; two launch lanes, informal parking, an ADA single-vault toilet, an ADA hunting blind, interpretive/educational kiosk display, trash receptacles, and accessible routes to these facilities.

The site is co-managed by WDFW by agreement. WDFW allows dispersed camping on the site. Dispersed camping is reported on FERC Form 80 as an amenity that is not FERC approved (not a license requirement).

Vicinity Map – Buckshot Recreation Area (note – Project Boundary is east of area shown on map)



Condition

- Boat Launch
All facilities are in a condition that, at most, require routine maintenance, with many in a like new condition
- Hunting Area
The hunting blind and access path are like new.
- I&E Kiosk
Kiosks and the materials presented on them are like new
- Dispersed Camping
Dispersed camping utilizes the boat launch parking lot, as a shared used of the same facility. The area was inventoried and a condition assessment made as a facility supporting the boat launch, rather than as facilities associated with dispersed camping.



ADA Compliance

- Boat Launch
Due to the lack of an accessible boarding float or upland loading ramp, the boat launch is not ADA compliant. The amenity also lacks a trailer/tow vehicle parking, with an accessible route to other facilities at the site. These upgrades are not required by law until such time as a major renovation of the launch occurs. It is desirable to provide accessibility to people of all physical ability levels.
- Hunting Area
This amenity is fully ADA compliant.
- I&E Kiosk
This amenity is compliant with accessibility standards.

- Dispersed Camping

Dispersed camping, being a shared use of the boat launch parking, would likely require redevelopment of the boat launch parking as well, if there is an effort to provide ADA compliance for this feature. This work is not in any current plan being developed.

Natural Resource Condition – Recreation Impacts

An assessment of the riparian zone adjacent to the developed amenities found no recreation impacts to the critical natural areas of the site that exceeded that which was produced by wildlife. No modification of the vegetative overstory was found.

Future Plans

No additional development plans exist at this time.

Summary

Maintenance of the site was found to be consistent with the objectives of the Maintenance and Operation Program for this recreation area. All facilities function as intended.

Facilities Inventory - Data Sheet - Buckshot Rec Area

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		1	0	1	No
	Launch Lanes		2	0	1	No
	Launch Floats/Docks - linear ft.		0	0	N/A	N/A
	Launch Parking Stalls (car only)		2	0	2	No
	Launch Parking Stalls - car/trailer		30	0	2	No
	Boat Launch - Area (acres)		1.2	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		2	0	1	Yes
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		1	0	1	Yes
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		1	0	1	Yes
	# Signage/Kiosk/Billboard/Di splays		3	0	1	Yes

Facilities Inventory - Data Sheet - Buckshot Rec Area

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Hunting Area	Number of Hunting Areas		1	0	2	Yes
	Hunting - Areas (acres)		0.3	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		1	0	1	Yes
	Restrooms		0	0	N/A	N/A
	Hunting - Vault Toilets		0	0	N/A	N/A
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		1	0	2	No
	Dispersed Campsites - Primitive (vault toilet)		0	0	N/A	N/A
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Picnic Tables		0	0	N/A	N/A
	Parking Stalls		0	0	N/A	N/A
	Dispersed Camping - Area (acres)		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Dispersed Camping Vault Toilets		0	0	N/A	N/A
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Burkett Lake Recreation Area



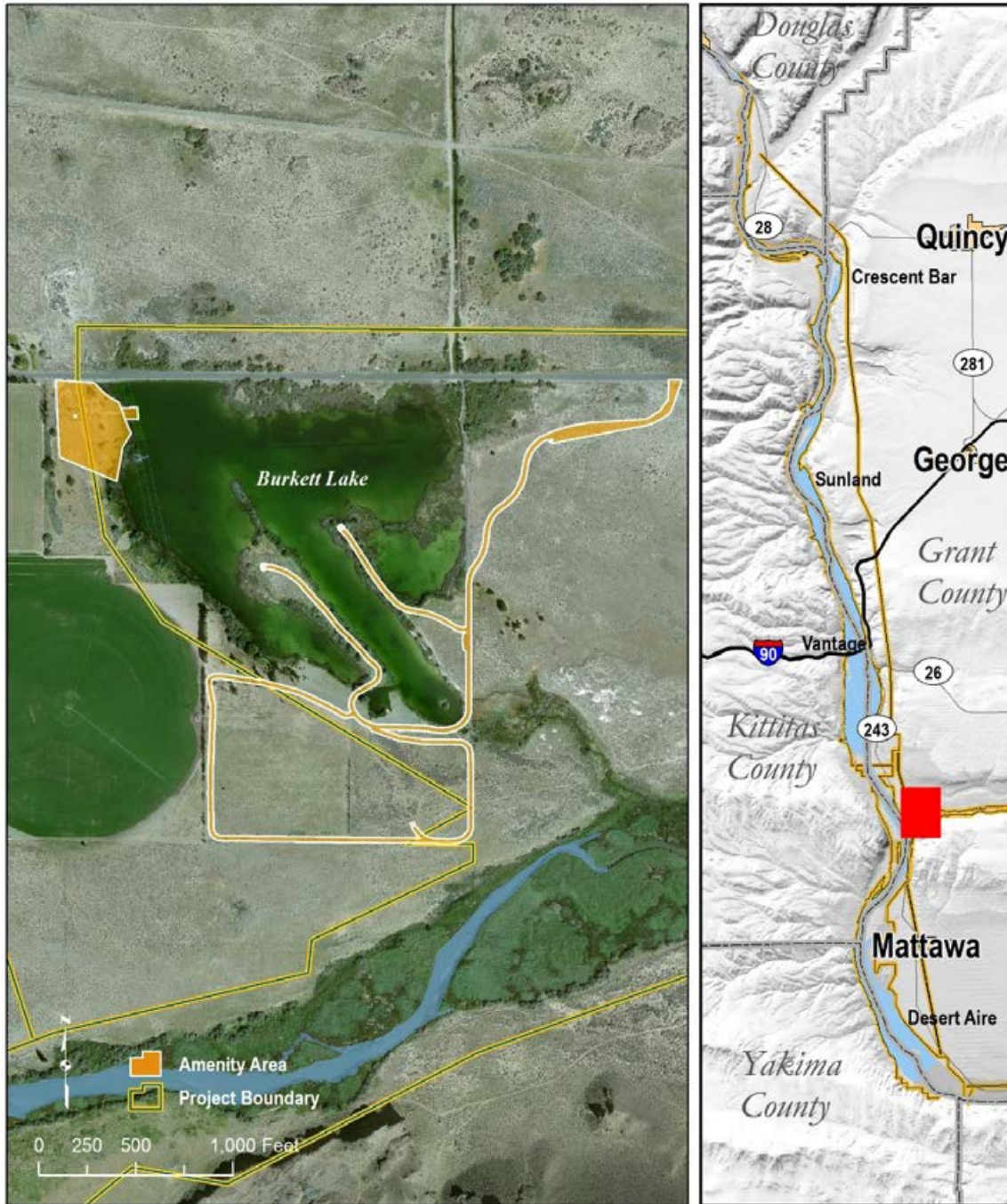
Burkett Lake Recreation Area is a phased development project. FERC approved (required) amenities at this site include a picnic area, a trail, an overlook/vista, a fishing pier, and interpretive displays.

Phase 1 of development is complete and amenities currently available to the public include a trail, approximately two miles in length, an overlook/vista focused on watchable wildlife, and interpretive displays. Facilities supporting these amenities include an informal gravel parking lot, an ADA vault ADA toilet, an interpretive and educational (I&E) kiosk, trash receptacles and accessible routes to all facilities. In addition to the License requirements, two additional I&E displays were installed along the trail.

The second phase, completing development of License required facilities on the west side of the site, will be finished shortly after the writing of this report, adding a picnic shelter with two tables, a second informal parking area with a single vault ADA toilet, an additional I&E kiosk, an ADA fishing pier, trash receptacle, and accessible routes to facilities. At the time of the inventory this area was not yet under construction. The area was identified, according to its use at the time of the inventory, as an access point.

A portion of the recreation area is currently outside the Project boundary. At the time of this report, Grant PUD staff were preparing the required documents to request adjustment of the Project boundary, such that all required amenities would lie within that boundary.

Vicinity Map – Burkett Lake Recreation Area



Condition

- Trail
The trail and all supporting facilities are in like new condition.
- Overlook/Vista
The overlook is in like new condition.

- Interpretive Displays

The kiosks and associated interpretive/educational displays are like new.

- Access Point

The parking area utilized by the access point is in need of minor renovation to function properly. This will be corrected during construction of the second phase of development at this site.



ADA Compliance

- Trail

The trail and all supporting facilities are fully in compliance with accessibility guidelines.

- Overlook/Vista

The overlook is compliant with accessibility guidelines.

- Interpretive Displays

Interpretive displays are consistent with ADA standards.

- Access Point

When the parking area was constructed at some time in the past no consideration was given to accessibility features. It is not compliant with ADA guidelines. This will be addressed as this area is reconstructed during the second phase of development at the Burkett Lake Recreation Area.

Natural Resource Condition – Recreation Impacts

All critical natural areas at this recreation area are managed as part of one of the developed amenities. As part of the development, impacts to the natural resources were mitigated. No natural resource assessment was therefore carried out.

Future Plans

A second phase of development at Burkett Lake is currently moving forward. It will provide FERC required amenities that include a picnic area and reservoir fishing. The support facilities for those amenities include 2 picnic tables, a parking area, a single-vault toilet, a trash receptacle, an ADA compliant fishing pier, and accessible routes to all facilities. This development will be completed by December 31, 2015.



Summary

Upon completion of the second phase of development, the access point will be replaced with the fishing pier and picnic area. All built facilities will be of a condition where only routine maintenance is necessary to provide a very functional area.

Work continues, in areas disturbed by previous land owners, to return the site to native vegetation, reducing the maintenance cost and increasing the natural environment values of the site.

Facilities Inventory - Data Sheet - Burkett Lake Recreation Area

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		1	0	1	Yes
	Trail miles		1.08	0.5	1	Yes
	trail parking stalls (car only)		10	0	1	Yes
	Trails - Area (acres)		5.5	0.5	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		4	0	1	Yes
	Bench		3	0	1	Yes
	Trail Restrooms		0	0	N/A	N/A
	Trail Vault Toilets		1	0	1	Yes
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		1	0	1	Yes
	Picnic Tables		0	0	N/A	N/A
	Fire grill (pedistal or pit)		0	0	N/A	N/A
	Overlook Parking stalls		0	0	N/A	N/A
	Overlook/Vista - Area (acres)		0.1	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Overlook Restrooms		0	0	N/A	N/A
	Overlook Vault Toilets		0	0	N/A	N/A

Facilities Inventory - Data Sheet - Burkett Lake Recreation Area

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	4	0	1	Yes
	# Signage/Kiosk/Billboard/ Displays	5	0	1	Yes
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	1	0	2	No
	Access Point Parking Stalls	8	3	2	No
	Access Points - Area (acres)	4.49	5.09	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	1	0	2	No
	Restrooms	0	0	N/A	N/A
	Access Point Vault Toilets	0	0	N/A	N/A
Other	Other Area - Acres	0	0	0	0

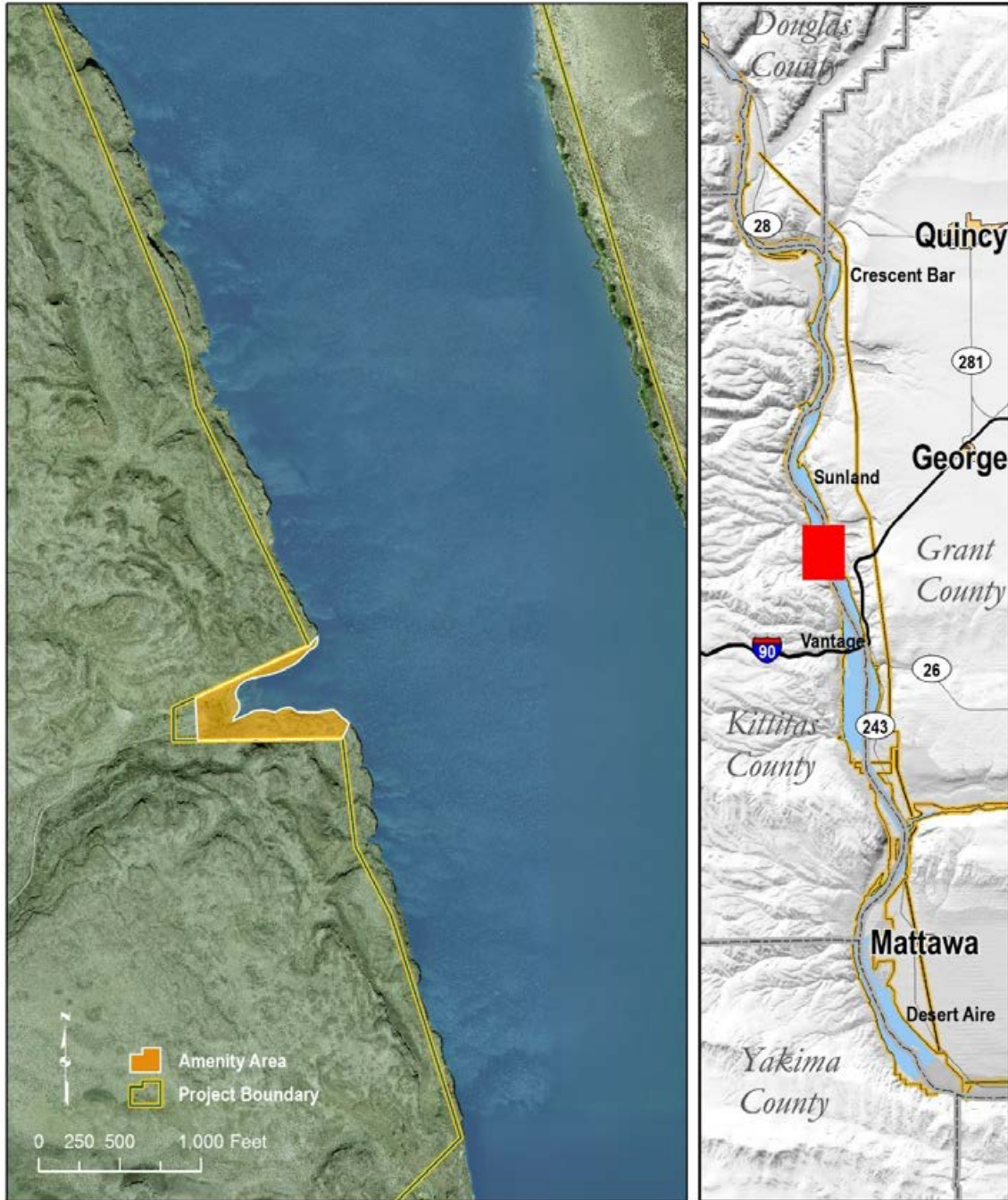
Cayuse Creek Wildlife Area



Cayuse Creek is an area owned and managed by WDFW within the Project boundary. It is utilized by the public as a hunting area accessed primarily from the river. The site is recorded on FERC Form 80 as a hunting amenity but is not a FERC approved amenity. There are no License requirements associated with this site.

Cayuse Creek is located on the right (west) bank of the Wanapum reservoir, approximately five miles north of Interstate 90. This is just north and across the river from Frenchman Coulee.

Vicinity Map – Cayuse Creek



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian Area

No impact to the riparian zone was observed in 2014 high resolution aerial photography. No further assessment was conducted.

- Priority Habitat Area

Quilomene Elk Winter Range and Quilomene Deer Winter Range priority habitats exist on this site. High resolution aerial photography interpretation show numerous wildlife/grazing trails on the site. A road does access the site from outside the Project but there is no indication of recreational use impacts. No further assessment was therefore conducted.



Future Plans

No development plans exist at this time.

Summary

This site functions as a dispersed amenity on the Project.

Facilities Inventory - Data Sheet - Cayuse Ck Wildlife Area

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		5	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
Hunting - Vault Toilets		0	0	N/A	N/A	

Facilities Inventory - Data Sheet - Cayuse Ck Wildlife Area

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Columbia Cliffs



Columbia Cliffs is located about midway between Apricot Orchard Hunting Area and Crescent Bar Recreation Area, on the left (north) bank of the Wanapum reservoir. It is an informal use area accessible only by boat for the general public. The site is in near vicinity to a small residential community on the Project shoreline.

The site is recorded on FERC Form 80 as an informal use amenity on the Project, but is not a FERC approved site. There are no license requirements for this site.

Vicinity Map – Columbia Cliffs



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

No priority habitat area and no riparian area exist at Columbia Cliffs, therefore no natural resource assessment was conducted for this site.

Future Plans

None at this time.

Summary

Private encroachments currently exist over a portion of this site. There is very limited use of the site by the public who are aware of Grant PUD's ownership. Work is underway to evaluate options to remove barriers to the general public's use of the site and to address existing encroachments.

Facilities Inventory - Data Sheet - Columbia Cliff

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Active Recreation Area		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - Columbia Cliff

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	1	0	N/A	N/A
	Informal Area - Acres	5	0	N/A	N/A
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Columbia Siding Access Area



Columbia Siding Access is a semi-remote dispersed access point. Being adjacent to a railroad siding, this area was once home to those living the lifestyle of riding the rails. Today it provides secluded access to the waters of the Project.

The site is located on the left (east) bank of the Wanapum Reservoir, two miles downstream of Rock Island Dam. This is the most northern recreation amenity in the Project.

Columbia Siding is recorded on FERC Form 80, but is not a FERC approved site. There is no license requirement related to this site.

Vicinity Map – Columbia Siding Access Area



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian Area

There has been modification of the riparian overstory and understory. Impacts affect 0.3% of the length and 0.1% of the area of the riparian area at the site.

- Priority Habitat Areas

No priority habitats are recorded for this site.



Future Plans

No development plans exist at this time.

Summary

The access road to Columbia Siding is a rough railroad maintenance road that has been utilized as a historic dump site over the years, outside the Project boundary, along the railroad, yet the site continues to show use as a recreation access point for Project waters.

Facilities Inventory - Data Sheet - Columbia Siding

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	0	0	0	0
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0
Trails	Number of Trails	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0
Picnic Area	# of Picnic Areas	0	0	0	0
Overlook / Vistas	Number of Overlooks	0	0	0	0
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	0	0	0	0
	# Signage/Kiosk/Billboard/ Displays	0	0	0	0
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0

Facilities Inventory - Data Sheet - Columbia Siding

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	2	No
	Access Point Parking Stalls		4	0	2	No
	Access Points - Area (acres)		17.7	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Crab Creek Park



Crab Creek Park is an access point.

The site is located on the left (east) bank of the Priest Rapid reservoir about mid-way between Vantage and Desert Aire, near the small community of Schawana.

Support facilities include parking, portable toilet, and a trash receptacle. The amenity is reported on FERC Form 80 but is not a FERC approved site. There are no License requirements for this site.

The site is used for shoreline fishing and general access to the shoreline.

Vicinity Map – Crab Creek Park



Condition

The transition from the highway pavement to the gravel access requires periodic maintenance of the gravel apron adjacent to the pavement, to assure all vehicles can safely switch a high speed highway surface to primitive gravel road surface and vice versa. Its current condition reflects the results of good maintenance efforts.

The access road is rough enough that some sedans will have difficulty negotiating it.

ADA Compliance

As a primitive, undeveloped amenity, accessibility has not been addressed as part of a built site. Accessing the water requires a higher challenge level than universal accessibility would require, but that may be appropriate even under the ADA guidelines, in order to protect the sensitive resource values of the site.

Natural Resource Condition – Recreation Impacts



- Riparian
There is very minimal (unable to measure using protocols) impact to overstory and understory in the riparian area. There is trampled bare ground impacting 2,004 sq. ft. or 0.7% of the riparian area.
- Priority Habitat Areas
There are no priority habitat areas identified for this site.
- Recreational erosion
MIC 6”d x 40”w.



Future Plans

There are no development plans for this site due to resource considerations.

There are discussions occurring regarding what action is appropriate to address to condition of the intersection of the site access road with the state highway. Currently the transition is very abrupt.

Summary

To encourage continued limited use of this site, it may be appropriate to install a sign near the highway indicating “rough road ahead”.

Facilities Inventory - Data Sheet - Crab Creek Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0

Facilities Inventory - Data Sheet - Crab Creek Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	0	0	0
	Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	2	No
	Access Point Parking Stalls		30	0	3	No
	Access Points - Area (acres)		6.6	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		2	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Crescent Bar Recreation Area



The Crescent Bar Recreation Area consists of two zone, off-island and on-island. Until recently the Recreation Area was developed and managed under a lease agreement. The Recreation Area is transitioning back to an operation in which Grant PUD has greater responsibility for development and management of recreation facilities.

Crescent Bar Recreation Area is located on the left (east) bank of the Wanapum reservoir, 11 ½ miles below Rock Island dam.

Current development includes:

- Off-Island

Amenities and support facilities currently include;

- Boat launch – with launch floats and car/trailer parking;
- Marina – with vehicle parking; and
- Campground – with utility campsites and standard campsites, picnic tables, tent pad, and parking at each campsite, restroom with showers, garbage receptacles, and an RV sewage dump station

- On-Island

Amenities and support facilities currently include;

- Boat launch – shares support facilities with other amenities;

- Active recreation areas (2) – golf course (nine hole), hard surface court and playground;
- Picnic area – with picnic tables and garbage receptacles; and
- Informal Use Area

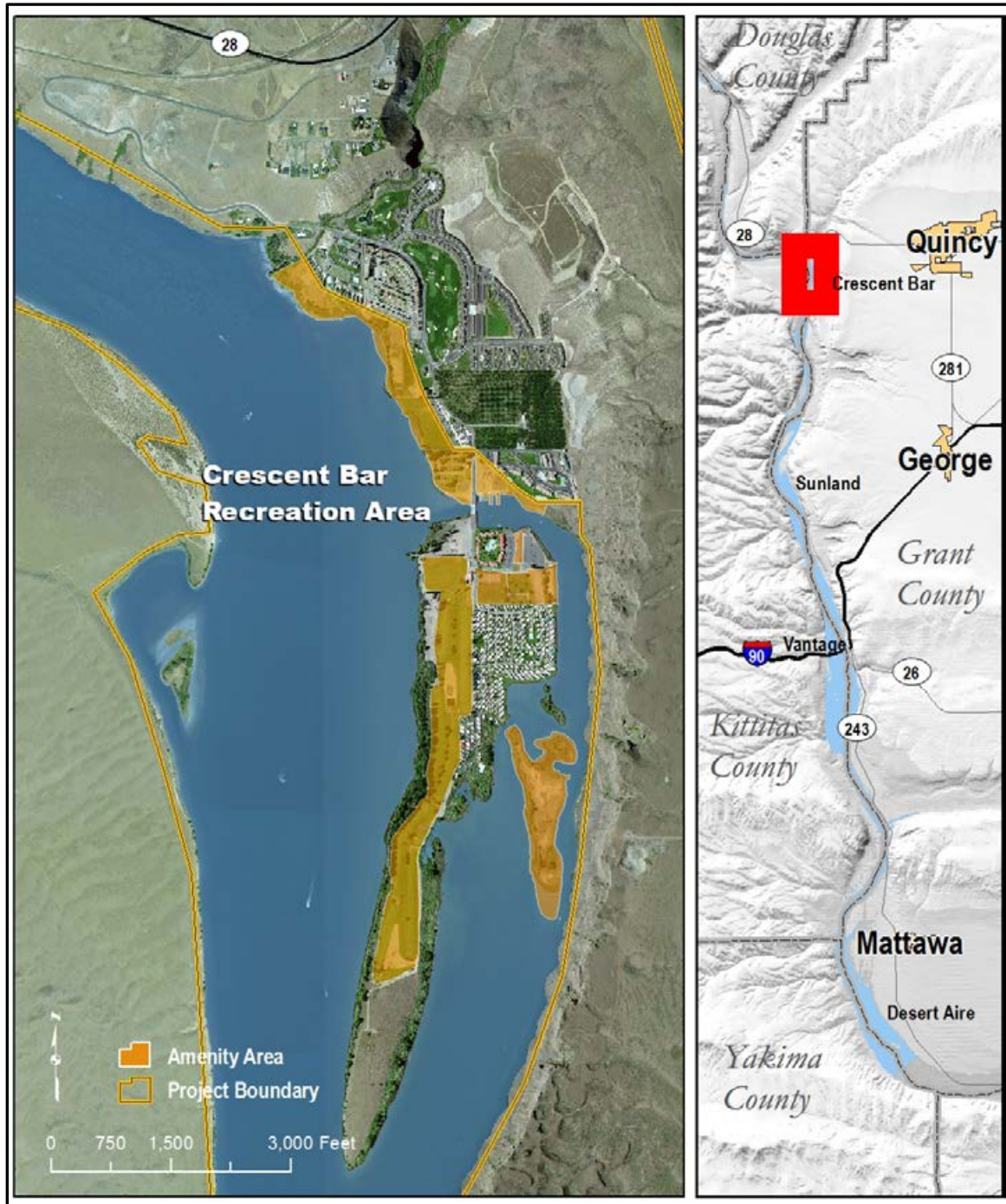
Redevelopment of Off-Island facilities is anticipated to occur during 2015/2016 pending FERC approval. Development will include:

- Boat launch
- Marina
- Picnic area
- Swim area
- Trail
- Interpretive displays

FERC approved (required) amenities include a boat launch, marina, picnic area, swim area, trail, campground, and interpretive displays.

With FERC approval the campground, replacing the off-island existing facility, trail and other features will be constructed on-island at a date to be determined.

Vicinity Map – Crescent Bar Recreation Area



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Condition

- Off-Island
 - Boat launch – launch floats need structural renovation with floatation that meets current environmental standards (exposed styrofoam)
 - Marina – renovation needed to correct exposed electrical wiring on fuel float and structural issues with that float
 - Campground – RV dump station and restroom need significant renovation to meet Grant PUD maintenance standards of:
 - Look good
 - Be in good repair
 - Function
 - Healthy environment for users and employees
- On-Island
 - Boat launch – only routine maintenance needed
 - Active recreation area
 - Golf course – only routine maintenance needed
 - Hard surface courts – needs renovation to function as intended
 - Playground – needs routine maintenance to meet industry standards for risk management
 - Picnic area – only routine maintenance needed
 - Informal use area – no developed facilities



ADA Compliance

None of the developed facilities with the Crescent Bar Recreation Area are in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

Crescent Bar Recreation Area is designated by the SMP as a site designated to have a Public Recreation Management Plan. Non-developed areas will be managed consistent with that PRDP, therefore no natural resource condition assessment was conducted at this site.

Future Plans

Designs have been submitted by Grant PUD to FERC for off-island redevelopment that would provide enhancement of all FERC approved amenities, with the exception of camping. That design has not been approved by FERC, but it is anticipated that following design agreement, those improvement will be completed by the end of 2016.

On-island sewage treatment is in design development to assure compliance with state standards. Recreation facility redevelopment is currently in the concept review phase. If there is agreement regarding on-island recreation redevelopment, it is anticipated that completion will occur prior to the end of 2017.

Summary

Crescent Bar Recreation Area is heavily used. The wear from years of intensive use is apparent in some areas, as well as the need to upgrade facilities to be inviting to people of all physical ability levels.

Facilities Inventory - Data Sheet - Crescent Bar

FERC Identified Amenity Type		Off-Island				On-Island			
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	4	No	1	0	2	No
	Launch Lanes	2	0	3	No	2	0	2	No
	Launch Floats/Docks - linear ft.	50	0	4	No	0	0	N/A	N/A
	Launch Parking Stalls (car only)	0	0	N/A	N/A	0	0	N/A	N/A
	Launch Parking Stalls - car/trailer	97	0	2	No	0	0	N/A	N/A
	Boat Launch - Area (acres)	5	0	N/A	N/A	0.86	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A	0	0	N/A	N/A
	Garbage Receptacles	0	0	N/A	N/A	0	0	N/A	N/A
	Launch Restrooms	0	0	N/A	N/A	0	0	N/A	N/A
Launch Vault Toilets	0	0	N/A	N/A	0	0	N/A	N/A	
Marina	Number of Marinas	1	0	3	No	0	0	0	0
	Moorage slips	20	0	2	No	0	0	0	0
	Marina Parking stalls	6	0	2	No	0	0	0	0
	Marina - Area (acres)	0.4	0	N/A	N/A	0	0	0	0
	Shade Structures	0	0	N/A	N/A	0	0	0	0
	Garbage Receptacles	0	0	N/A	N/A	0	0	0	0
	Marina Restrooms	0	0	N/A	N/A	0	0	0	0
	Marina Vault Toilets	0	0	N/A	N/A	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0	0	0	0	0
Trails	Number of Trails	0	0	0	0	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0	2	0	3	No
	Active Rec Parking Stalls	0	0	0	0	0	0	N/A	N/A
	Active Recreation - Area (acres)	0	0	0	0	60	0	N/A	N/A
	Shade Structures	0	0	0	0	0	0	N/A	N/A
	Garbage Receptacles	0	0	0	0	0	0	N/A	N/A
	Active Rec Restrooms	0	0	0	0	0	0	N/A	N/A
	Active Rec Vault Toilets	0	0	0	0	0	0	N/A	N/A
Picnic Area	# of Picnic Areas	0	0	0	0	1	0	2	No
	Picnic Tables	0	0	0	0	9	0	2	No
	Fire grill (pedestal or pit)	0	0	0	0	0	0	N/A	N/A
	Picnicking Parking stalls	0	0	0	0	62	0	N/A	N/A
	Picnic Area - Area (acres)	0	0	0	0	5.4	0	N/A	N/A
	Shade Structures	0	0	0	0	0	0	N/A	N/A
	Garbage Receptacles	0	0	0	0	2	0	2	No
	Picnicking Restrooms	0	0	0	0	0	0	N/A	N/A
Picnicking Vault Toilets	0	0	0	0	0	0	N/A	N/A	
Overlook / Vistas	Number of Overlooks	0	0	0	0	0	0	0	
Visitor Center	Number of Visitor Centers	0	0	0	0	0	0	0	0
Interp Displays	Number of Interpretive Displays	0	0	0	0	0	0	0	0
	# SigN/Age/Kiosk/Billboard/Displays	0	0	0	0	0	0	0	0
Hunting Area	Number of Hunting Areas	0	0	0	0	0	0	0	0

Facilities Inventory - Data Sheet - Crescent Bar

FERC Identified Amenity Type		Off-Island				On-Island			
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds	1	0	2	No	0	0	0	0
	Campground - Area (acres)	5.6	0	N/A	N/A	0	0	0	0
	Shade Structures	0	0	N/A	N/A	0	0	0	0
	Garbage Receptacles	1	0	2	No	0	0	0	0
	RV Dump Station	1	0	3	No	0	0	0	0
	Campground Addition/Al Parking	60	0	2	No	0	0	0	0
	Restrooms (flush toilets w/ showers)	1	0	3	No	0	0	0	0
	Campground Restrooms (w/o showers)	0	0	N/A	N/A	0	0	0	0
Campsites	Campgrounds Vault Toilets	0	0	N/A	N/A	0	0	0	0
	Campsites - w/utilities	26	0	2	No	0	0	0	0
	Campsites - standard (flush toilet)	34	0	1	No	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	N/A	N/A	0	0	0	0
	Fire grill (pedestal or pit)	0	0	N/A	N/A	0	0	0	0
	Picnic Tables	60	0	2	No	0	0	0	0
	Tent Pad	60	0	2	No	0	0	0	0
Group Camp	Parking Stalls	60	0	2	No	0	0	0	0
	Number of Group Camps	0	0	0	0	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0	1	0	N/A	N/A
	Informal Area - Acres	0	0	0	0	23.4	0	N/A	N/A
Access Points	Number of Access Points	0	0	0	0	0	0	0	0
Other	Other Area - Acres	0	0	0	0	0	0	0	0

Crescent Bar RV Resort



Crescent Bar RV Resort is part of the Thousand Trails RV campground program, a provider of membership campgrounds. In 2015 annual membership cost \$545. Crescent Bar RV Resort holds 13 sites for non-members with a nightly fee of \$70.

The resort is located adjacent to, but outside, the Project boundaries.

The RV Resort is located nearly adjacent to Crescent Bar Recreation Area, on the left (east) bank of the Wanapum reservoir, 11 ½ miles below Rock Island dam.

Amenities at the site include camping, with 99 campsites, most with utilities, and six camping cabins, and some active recreation facilities, including tennis, a swimming pool, horse-shoes, and basketball to complement the camping.

Vicinity Map – Crescent Bar RV Resort



Condition

The Resort is located outside the Project. No condition assessment was made, due to the lack of authority to act on the outcome of assessments outside the Project boundary.

ADA Compliance

An ADA compliance assessment was not completed due to the facilities location outside the Project.

Natural Resource Condition – Recreation Impacts

For the same reasons stated above, no natural resource condition assessment was completed at this site.

Future Plans

None at this time.

Summary

Membership campgrounds are good fiscal choices for those using a site frequently or staying for extended periods of time. If managed consistent with user needs, this facility could complement the less developed sites serving a more transitory clientele, provided by Grant PUD.

Facilities Inventory - Crescent Bar RV Resort (Thousand Trails)

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	1	N/A	N/A
	Active Rec Parking Stalls		0	0	N/A	N/A
	Active Recreation - Area (acres)		0	0.4	N/A	N/A
	Shade Structures		0	1	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Active Rec Restrooms		0	0	N/A	N/A
	Active Rec Vault Toilets		0	0	N/A	N/A
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0

Facilities Inventory - Crescent Bar RV Resort (Thousand Trails)

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	1	N/A	N/A
	Campground - Area (acres)		0	10.1	N/A	N/A
	Shade Structures		0	1	N/A	N/A
	Garbage Receptacles		0	5	N/A	N/A
	RV Dump Station		0	0	N/A	N/A
	Campground Additional Parking		0	14	N/A	N/A
	Restrooms (flush toilets w/ showers)		0	1	N/A	N/A
	Campground Restrooms (w/o showers)		0	0	N/A	N/A
	Campgrounds Vault Toilets		0	0	N/A	N/A
Campsites	Campsites - w/utilities		0	94	N/A	N/A
	Campsites - standard (flush toilet)		0	5	N/A	N/A
	Campsites - Primitive (vault toilet)		0	0	N/A	N/A
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Picnic Tables		0	99	N/A	N/A
	Tent Pad		0	5	N/A	N/A
	Parking Stalls		0	99	N/A	N/A
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Frenchman Coulee Boat Launch



The main site amenities of Frenchman Coulee are a small boat launch, picnic area, walking trail approximately one mile long, and an interpretive display. All of these are FERC approved (required) recreation features.

Facilities supporting these amenities include; ADA boarding float at launch, ADA vault toilet, (5) picnic tables, gravel parking area, trash receptacles, interpretation & education kiosks, and accessible routes to all facilities.

This site is used primarily for smaller recreational boats, including fisherman and waterfowl hunters. On hot summer days the site has seen heavy day use from Gorge concert goers and users of the adjacent Feathers rock climbing area seeking access to the water's edge.

Frenchman Coulee is four miles upstream (north) of the I-90 bridge, on the east bank of the Columbia River

The parking area, boat launch, dredged navigational channel and trail were renovated in 2015, along with the construction of a vault toilet and a small picnic area. Prior to the recent improvements, WDFW had developed and maintained a simple launch site at this location, under a land use permit issued by Grant PUD. The site is now co-managed by Grant PUD and WDFW.

Vicinity Map – Frenchman Coulee Recreation Area



Condition

With the exception of portions of the gravel parking lot and informal trails, all facilities are new. Public use of the renovated site began in May 2015, so all facilities are in new condition with only the need for routine maintenance.



ADA Compliance

All recreational amenities at the site are fully ADA compliant.

Natural Resource – Recreation Impacts

Normally a natural resource impact assessment would not be completed on this site, due to it being a developed site, with natural resources managed consistent with the developed facilities. Due to the extent of informal access paths to beach areas along the trail, an assessment was carried out at this location. The cumulative impacts to the riparian area overstory and understory as a result of these informal paths were 1.0% of the site length or 9.0% of the site area.



Riparian vegetation limbing by users of informal paths

Future Plans

There are no plans currently existing for modification of Frenchman Coulee beyond the recent upgrades, pending the outcome of data collection related to RRMP update.

Summary

New facilities appear well designed and appropriate for use at this site, greatly improved from the basic facilities of the past.

Facilities Inventory - Frenchman Coulee Recreation Area

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	1	Yes
	Launch Lanes	1	0	1	Yes
	Launch Floats/Docks - linear ft.	100	0	1	Yes
	Launch Parking Stalls (car only)	0	0	N/A	N/A
	Launch Parking Stalls - car/trailer	19	25	1	Yes
	Boat Launch - Area (acres)	2.02	0.74	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	2	0	1	Yes
	Launch Restrooms	0	0	N/A	N/A
	Launch Vault Toilets	1	0	1	Yes
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0
Trails	Number of Trails	1	0	2	Yes
	Trail miles	0.86	0	N/A	N/A
	trail parking stalls (car only)	0	0	N/A	N/A
	Trails - Area (acres)	13.7	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	0	0	N/A	N/A
	Bench	0	0	N/A	N/A
	Trail Restrooms	0	0	N/A	N/A
Trail Vault Toilets	0	0	N/A	N/A	
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0

Facilities Inventory - Frenchman Coulee Recreation Area

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Picnic Area	# of Picnic Areas	1	0	1	Yes
	Picnic Tables	5	0	1	Yes
	Fire grill (pedestal or pit)	2	0	1	Yes
	Picnicking Parking stalls	4	0	1	Yes
	Picnic Area - Area (acres)	0.2	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	1	0	1	Yes
	Picnicking Restrooms	0	0	N/A	N/A
	Picnicking Vault Toilets	0	0	0	0
Overlook / Vistas	Number of Overlooks	0	0	0	0
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	1	0	1	Yes
	# Signage/Kiosk/Billboard/ Displays	4	0	1	Yes
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Goose Island Hunting Area



Goose Island is owned and managed by the WDFW. The island is just upstream from Priest Rapids dam, on the left (east) bank. It receives light use by water fowl hunters.

Goose Island is a FERC approved (required) site. There is a License requirement that Grant PUD provides recreation monitoring and site clean-up at this location.

Vicinity Map – Goose Island



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Priority Habitat Area

The PHA on Goose Island is associated with wintering Bald eagle perching. There is no evidence of recreational user impacts to either the PHA or riparian areas.

Future Plans

None at this time.

Summary

Most hunting takes place on the waters just offshore from the island. The island continues to function as natural habitat with virtually no impact from recreationists.

Facilities Inventory - Data Sheet - Goose Island

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		82.5	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
Hunting - Vault Toilets		0	0	N/A	N/A	

Facilities Inventory - Data Sheet - Goose Island

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

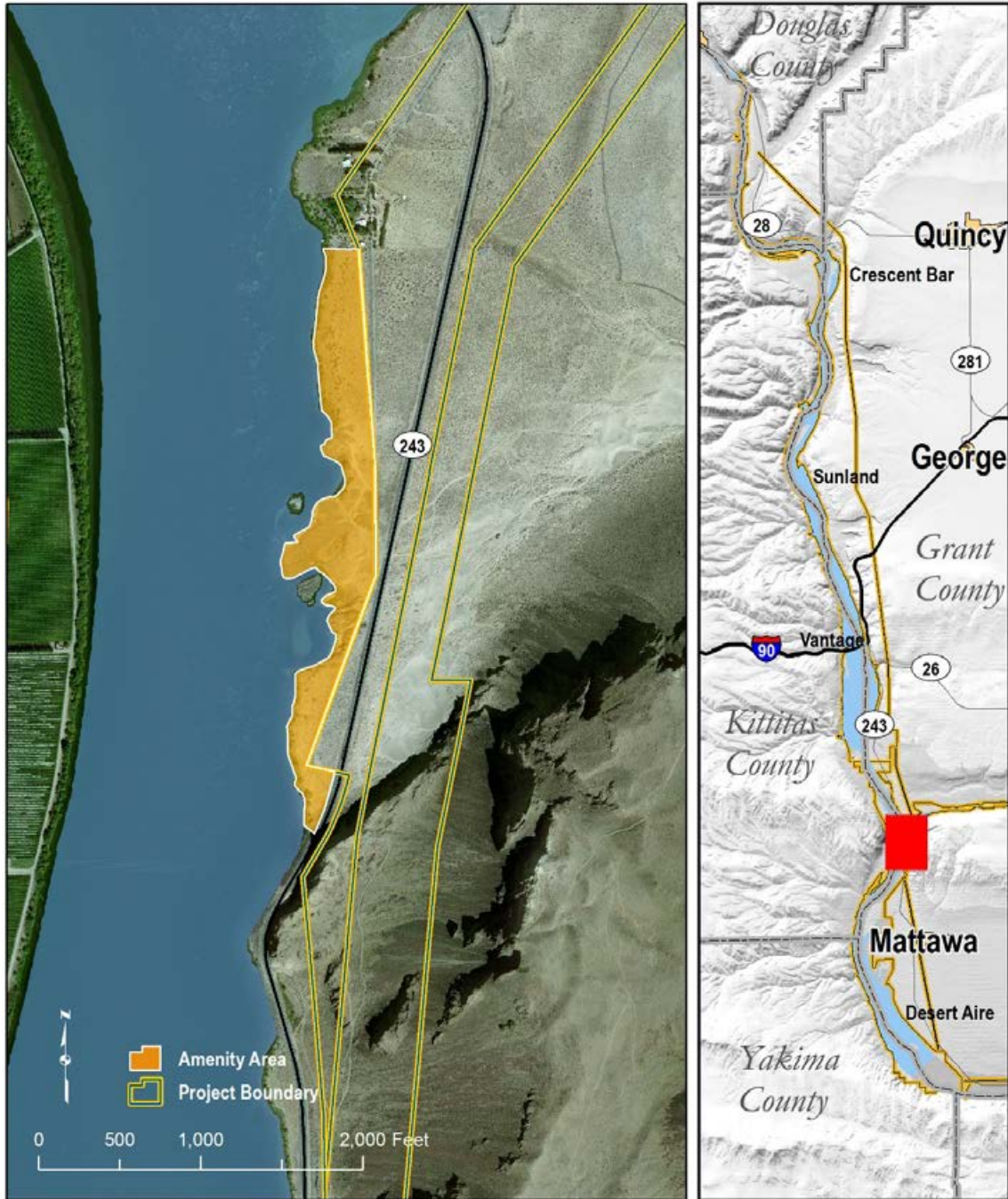
Haystack Rocks



Haystack Rocks is an Access Point. It is owned and managed by the Bureau of Land Management. It is a FERC approved (required) site. There is a License requirement to monitor the site for recreational use and assist with site clean-up.

The site is used primarily as an access for shore side relaxation, as well as a parking for ATV access to BLM land across Highway 243.

Vicinity Map – Haystack Rocks



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts



- Riparian

There is trampled bare ground and a resulting opening in the overstory and understory of 131.4 sq. ft., or 1.06% of the riparian area on the site.

- Priority Habitat Area

There is no PHA on this site, but there is a biological interest in the complex patterns of vegetation produced by dunes climbing into varying terrain with gray rabbit brush, big sagebrush, antelope bitterbrush, snow buckwheat, and Indian rice-grass.

Future Plans

None at this time.

Summary

The site provides opportunities for small numbers of dispersed recreationalists.



Facilities Inventory - Data Sheet - Haystack Rocks

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - Haystack Rocks

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	N/A	N/A
	Access Point Parking Stalls		45	6	N/A	N/A
	Access Points - Area (acres)		21.2	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Huntzinger Boat Launch and Fishing Pier



Boat Launch

Huntzinger Boat Launch amenities consists of a boat launch and interpretive display. These are FERC approved (required) amenities.

Huntzinger boat launch is located on the upper reach of the Priest Rapids reservoir, just below Wanapum Dam, on the right (west) bank of the river.

The launch, previous to improvements in 2013, was two primitive launches that were simply shoreline areas cleared of vegetation by vessels being launched. Ordinary high water submerged a large portion of the site, making the unimproved area usable. Users are mostly fishers and an occasional hand launched kayak or canoe. In 2013 site improvements were made, formalizing the boat launch. Facilities supporting the improved amenities include; an ADA boarding float, an ADA vault toilet, a gravel road and parking area, trash receptacles, an education and information kiosks, and accessible routes to all facilities.

Site management objective is to provide facilities that allow the launching of mid-size water craft, designed and powered to fish where currents and moderately turbulent conditions exist, at all water levels, during all but the most extreme weather conditions.

Fishing Pier

Huntzinger Fishing Pier amenities consist of an ADA accessible fishing pier and interpretive display. These are FERC approved (required) amenities.

Facilities supporting these amenities include; an ADA vault toilet, asphalt parking, area lighting, trash receptacles, interpretation & education kiosk, and accessible routes to all facilities.

Huntzinger fishing pier is located on the Wanapum reservoir, adjacent to Wanapum dam, on the right (west) bank.

Prior to development of the fishing pier in 2013, the site received light to moderate use by those fishing from shore, primarily during the fall and winter salmon runs. Development included the fishing pier, a vault toilet, an information and education, and formalized parking.

Site management objectives include; the potential to catch salmon without the requirement of having a boat, and providing this opportunity to all people, regardless of physical challenges.

Vicinity Map – Huntzinger Boat Launch and Fishing Pier



Note – The entire area lies within the Project boundary

Condition

The facilities are new and performing to their design parameters. Only routine maintenance of facilities is needed at this time.

ADA Compliance

All aspects of these amenities and support facilities are compliant with ADAAG standards.



Natural Resource Condition – Recreation Impacts

No critical natural areas exist within this site, therefore no natural resource monitoring or evaluation was conducted at this site.

Future Plans

User activity is being monitored at the Huntzinger boat launch to evaluate if a need exists for a fish cleaning station at this site.

Summary

The fishing pier just recently opened for public use, following fracture rehabilitation at Wanapum dam. Staff will observe fishing success and determine if the design fulfilled the site objectives.

The boat launch is functioning well.

Facilities Inventory - Data Sheet - Huntzinger

FERC Identified Amenity Type		Boat Launch				Fishing Pier			
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	1	Yes	0	0	0	0
	Launch Lanes	1	0	1	Yes	0	0	0	0
	Launch Floats/Docks - linear ft.	144	0	1	Yes	0	0	0	0
	Launch Parking Stalls (car only)	5	0	1	Yes	0	0	0	0
	Launch Parking Stalls - car/trailer	12	0	1	Yes	0	0	0	0
	Boat Launch - Area (acres)	2.6	0	N/A	N/A	0	0	0	0
	Shade Structures	0	0	N/A	N/A	0	0	0	0
	Garbage Receptacles	2	0	1	Yes	0	0	0	0
	Launch Restrooms	0	0	N/A	N/A	0	0	0	0
Launch Vault Toilets	1	0	1	Yes	0	0	0	0	
Marina	Number of Marinas	0	0	0	0	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0	1	0	1	Yes
	Reservoir Platforms - lineal ft	0	0	0	0	60	0	1	Yes
	Walkways	0	0	0	0	N/A	0	N/A	Yes
	Reservoir Fishing Parking Stalls	0	0	0	0	7	0	1	Yes
	Reservoir Fishing - Area (acres)	0	0	0	0	0.5	0	N/A	N/A
	Shade Structures	0	0	0	0	0	0	N/A	N/A
	Garbage Receptacles	0	0	0	0	1	0	1	Yes
	Reservoir Fishing Restrooms	0	0	0	0	0	0	N/A	N/A
Reservoir Fishing Vault Toilets	0	0	0	0	1	0	1	Yes	
Swim Area	Number of swim areas	0	0	0	0	0	0	0	0
Trails	Number of Trails	0	0	0	0	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0	0	0	0	0
Picnic Area	# of Picnic Areas	0	0	0	0	0	0	0	0
Overlook / Vistas	Number of Overlooks	0	0	0	0	0	0	0	0
Visitor Center	Number of Visitor Centers	0	0	0	0	0	0	0	0

Facilities Inventory - Data Sheet - Huntzinger

FERC Identified Amenity Type		Boat Launch				Fishing Pier			
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Interp Displays	Number of Interpretive Displays	2	0	1	No	1	0	1	No
	# Signage/Kiosk/Billboard/Displays	4	0	1	No	1	0	1	No
Hunting Area	Number of Hunting Areas	0	0	0	0	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0	0	0	0	0
Access Points	Number of Access Points	0	0	0	0	0	0	0	0
Other	Other Area - Acres	0	0	0	0	0	0	0	0

Jackson Creek Fish Camp



The amenities at Jackson Creek Fish Camp include a campground, tailwater fishing, and an interpretive display. These are FERC approved (required) amenities.

Facilities supporting these amenities include; 10 semi-primitive vehicular campsites (2 ADA), each with a table and grill, ADA vault toilets (2), day use parking, an ADA pedestrian access route to the Columbia River, trash receptacles, an interpretation & education kiosk, and accessible routes to all facilities.

Jackson Creek is located on the upper reach of the Hanford Reach, just below Priest Rapids Dam, on the left (east) bank.

Jackson Creek was not developed until 2014. Historic users were sturgeon fisherman that fished from the shoreline.

The overall objective of Jackson Creek is to provide access and camping facilities to support the historic fishing activity that has occurred at the Priest Rapids Dam tailrace.

Condition

All facilities are in a like new condition, with the exception of the entrance road. The entrance from the highway to the access road is heavily wash-boarded. With routine maintenance, it will continue to provide acceptable access to the site, without investing in rehabilitation of the road for several years.

Vicinity Map – Jackson Creek





ADA Compliance

All aspects of these amenities and support facilities are compliant with ADAAG standards.

Natural Resource Condition – Recreation Impacts

No assessment was completed for this site, since the site is managed as a developed recreation site with no dispersed access point, informal use area, or hunting area.

Future Plans

No additional development plans exist at this time, pending the completion of the RRMP update and any desired actions resulting from that process.

Summary

The facilities are providing the desired service.

Facilities Inventory - Data Sheet - Jackson Creek Fish Camp

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		1	0	1	Yes
	Platforms - lineal ft		0	0	N/A	N/A
	Tailwater Walkways		0	0	N/A	N/A
	Tailwater Fishing - Area (acres)		0.4	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	1	Yes
	Tailwater Restrooms		0	0	N/A	N/A
	Tailwater Vault Toilets		1	0	1	Yes
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		2	0	1	No
	# Signage/Kiosk/Billboard/ Displays		3	0	1	No
Hunting Area	Number of Hunting Areas		0	0	0	0

Facilities Inventory - Data Sheet - Jackson Creek Fish Camp

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds	1	0	1	Yes
	Campground - Area (acres)	9	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	2	0	1	Yes
	RV Dump Station	0	0	N/A	N/A
	Campground Additional Parking	8	0	1	No
	Restrooms (flush toilets w/ showers)	0	0	N/A	N/A
	Campground Restrooms (w/o showers)	0	0	N/A	N/A
Campgrounds Vault Toilets	1	0	1	Yes	
Campsites	Campsites - w/utilities	0	0	N/A	N/A
	Campsites - standard (flush toilet)	0	0	N/A	N/A
	Campsites - Primitive (vault toilet)	10	0	1	Yes
	Fire grill (pedestal or pit)	10	0	1	Yes
	Picnic Tables	10	0	1	Yes
	Tent Pad	10	0	1	Yes
	Parking Stalls	10	0	1	Yes
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
	Access Point Parking Stalls	0	0	0	0
	Access Points - Area (acres)	0	0	0	0
	Shade Structures	0	0	0	0
	Garbage Receptacles	0	0	0	0
	Restrooms	0	0	0	0
	Access Point Vault Toilets	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Lower West Bar



Lower West Bar is an informal use area. It is reported on FERC Form 80 but is not a FERC approved (required) amenity.

The site is located on the right (west) bank of the Wanapum reservoir, across the river and just south from Crescent Bar. While the site lies within the Project boundary, it is owned and managed by WDFW. Access by the general public to the site is only by boat. Due to its near vicinity to the Crescent Bar boat launch; the site receives moderate use on weekend and summer holidays, but relatively light use at other times.

Vicinity Map - Lower West Bar



Condition

There are no developed facilities; therefore no condition assessment was performed.

ADA Compliance

No ADA compliance assessment was completed due to the lack of any development at the site.

Natural Resource Condition – Recreation Impacts

- Priority Habitat Areas

The uplands are critical winter elk habitat and mule deer habitat. High resolution aerial photography indicated that there was impact to the site from vehicles coming off of adjacent lands. A bare soil area, historically a ferry landing, is still used for management activities by WDFW. Bare soil associated with end of road, therefore likely from management activity not recreational. Bare soil area was 2,698 sq. ft. or 0.14% of site.



Future Plans

None at this time.

Summary

No impact to critical natural resources, from recreational boaters, was identified at the site. It appears to be functioning well as a dispersed, boat accessible recreation site. Impacts to critical habitat areas from adjacent land owners or their guests have been shared with WDFW.

Facilities Inventory - Data Sheet - Lower W Bar Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0

Facilities Inventory - Data Sheet - Lower W Bar Wildlife

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	1	0	N/A	N/A
	Informal Area - Acres	45.4	0	N/A	N/A
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

McCumber Beach



McCumber Beach is an informal use area. It is accessed primarily by boat, with very few visitors hiking down the steep topography to access it from vehicles. The site is owned and managed by the U.S. Bureau of Reclamation (USBR). It is a FERC approved (required) site. There is a License requirement to monitor the site for recreational use and assist with site clean-up.

McCumber Beach is located on the left (east) bank of the Wanapum reservoir, approximately midway between I-90 and Wanapum dam. Due to the steep bank the site is not usable during periods of high water. It therefore receives relatively light use.

Vicinity Map – McCumber Beach



Condition

Due to the lack of any development, no facilities assessment was performed.

ADA Compliance

ADA compliance was not performed due to there being no development.

Natural Resource Condition – Recreation Impacts

- Priority Habitat Area

The PHA is Lower Babcock Bench. Of importance in this area is the presence of Striped Whipsnake. Recreation related impacts have created 1,004 sq. ft. of bare soil, or 0.14% of the site.

Future Plans

None

Summary

This site provides an example of the use of adaptive management. Prior to renovation of several boat launches within the Project, operational goals for holiday weekends called for pool levels approaching OHW, to assure that launches were usable. With most launches now usable at all reservoir level, the operational goal has shifted, requesting that pool levels on holiday weekends be maintained at levels 3-5 feet below OHW, allowing for the creation of usable beaches at locations such as McCumber Beach.

Facilities Inventory - Data Sheet - McCumber Beach

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - McCumber Beach

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		1	0	N/A	N/A
	Informal Area - Acres		1.1	0	N/A	N/A
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Priest Rapids Tailrace



Priest Rapids Tailrace is an access point. It is located on the left (east) bank of Priest Rapids Dam tailrace. The site has been historically used by sturgeon fisherman, who fished from the shoreline. This is a FERC approved (required) amenity. No development will occur at this site for purposes of resource protection, but the area will remain open for passive public use, with public use signage.

Vicinity Map – Priest Rapids Tailrace



Condition

With no developed facilities, no condition assessment was conducted.

ADA Compliance

There are ADA compliance requirements for the site due to the lack of any development.

Natural Resource Condition – Recreation Impacts

There is no riparian area or priority habitat areas within this site. There is the potential to implement a road management plan to reduce the number of informal roads through the site, as 22,000+ sq. ft. of bare soil, beyond essential travel routes, exist on site, or 0.18% of the site, but none are located on critical natural zones.

Future Plans

None

Summary

Recreational use at Priest Rapids Tailrace is truly dispersed primitive with vehicular access.

Priest Rapids Tailrace – Low Water



Facilities Inventory - Data Sheet - Priest Rapids Tailrace

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - Priest Rapids Tailrace

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	3	No
	Access Point Parking Stalls		33	0	3	No
	Access Points - Area (acres)		276.3	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Priest Rapids Water Trail



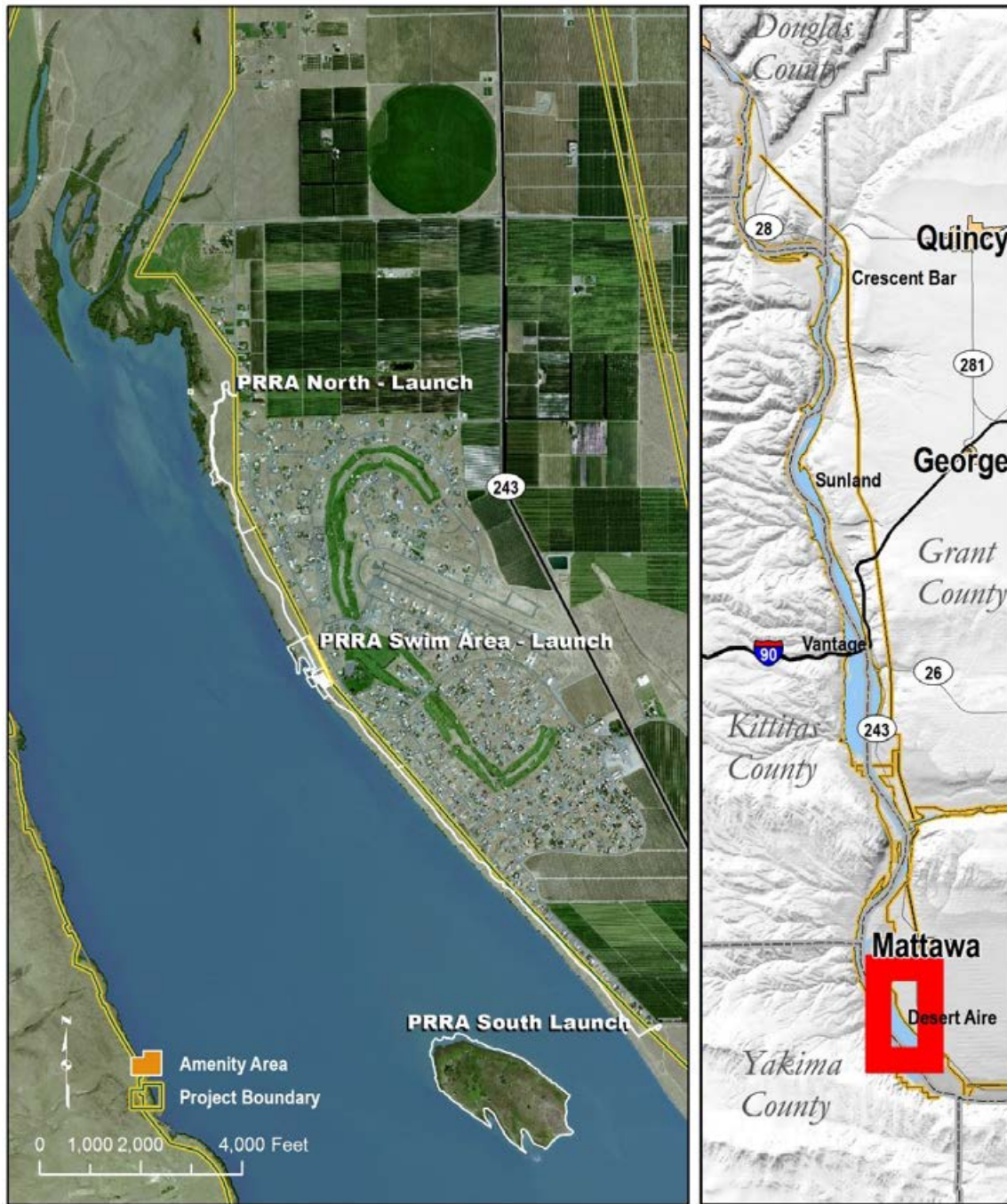
The Water Trail is a FERC approved (required) amenity. It is located on the Priest Rapids reservoir in the vicinity of the Priest Rapids Recreation Area (PRRA).

Water trails are a response to the increase in water oriented recreation by users of human and wind-powered, beach-able vessels driven by oar, paddle, or sail, such as kayaks, canoes, or day sailers. Water trails are not the water upon which one travels, but the system of route marker, suitable access points and take-outs, that may also include places to camp or picnic, located on the uplands, for use by human powered vessels.

Support facilities associated with the Priest Rapids Water Trail include; a put-in/take-out near the northern terminus of the PRRA trail (with flattened loading zone, accessible route from parking area, and information kiosk), put-in/take-out near the southern terminus of the PRRA trail (with flattened loading zone, access path to parking lot, accessible single-vault toilet, and information kiosk), put-in/take-out near the PRRA swim area (with flattened loading zone, accessible route from parking area, and informational kiosk), and information kiosk at Buckshot Recreation Area.

Water trail facilities stretch along the Priest Rapids reservoir from Buckshot Recreation Area, on the north end, to the south trailhead of the Priest Rapids Recreation Area trail, a distance of approximately 4 miles.

Vicinity Map – Priest Rapids Water Trail



Condition

Put-in/take-outs were developed in 2015 at the north and south extremes of the PRRA trail. Grant PUD staff continues to evaluate maintenance level activities that may further improve these facilities, but is waiting for additional user feedback before initiating any action.

ADA Compliance



Finding cost effective methods to sustain handicap accessible gravel trails in the dry climate of eastern Washington continues to be a challenge, with the occasional wind events sweeping away the fines and unraveling the compacted surface. This is exhibited on the north put-in access trail, where approximately 20% of the path's compaction is marginal to loose.

All other aspects of the project

are fully compliant with accessibility standards.

Natural Resource Condition – Recreation Impacts

The locations of water trail facilities are fully developed. There are no undeveloped areas such as access points, informal use areas, or hunting areas. No recreation use impacts on the critical natural resources were conducted.

Future Plans

No additional development plans exist at this time, pending the completion of the RRMP update and any desired actions resulting from that process.



Summary

Human powered water craft will avail the public a new perspective of the Project lands and waters. These facilities allow access, resting points, and safe refuge if the weather turns fowl for those participating in this growing recreational activity. The facilities should serve their purpose well.

Facilities Inventory - Data Sheet - Priest Rapids Water Trail

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		3	0	2	Yes
	Launch Lanes		0	0	N/A	N/A
	Launch Floats/Docks - linear ft.		0	0	N/A	N/A
	Launch Parking Stalls (car only)		0	0	N/A	N/A
	Launch Parking Stalls - car/trailer		0	0	N/A	N/A
	Boat Launch - Area (acres)		0.22	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	1	1	Yes
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		0	1	1	Yes
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0

Facilities Inventory - Data Sheet - Priest Rapids Water Trail

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	2	1	1	Yes
	# Signage/Kiosk/Billboard/ Displays	2	1	1	Yes
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Priest Rapids Wildlife Area



Priest Rapids Wildlife is an area owned and managed by WDFW within the Project boundary. It is utilized by the public as a hunting area accessed from the river. In addition to the land owned by WDFW, some adjacent Grant PUD land is managed by WDFW by agreement, consistent with management of the wildlife area and utilized by the public consistent with the hunting amenity on WDFW land. The site is recorded on FERC Form 80 as a hunting amenity but is not a FERC approved (required) amenity.

Priest Rapids Wildlife Area is a large land area, nearly 2,000 acres located adjacent to the north boundary of Buckshot Boat Launch, on the east side of the Priest Rapids reservoir. This site is approximately midway between Wanapum Dam and Priest Rapids Dam.

Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

This site is not a WDFW site stipulated in the Project license for monitoring. Since it is not managed by Grant PUD only a cursory natural resource assessment was completed. No impacts from recreational activities were identified.

Future Plans

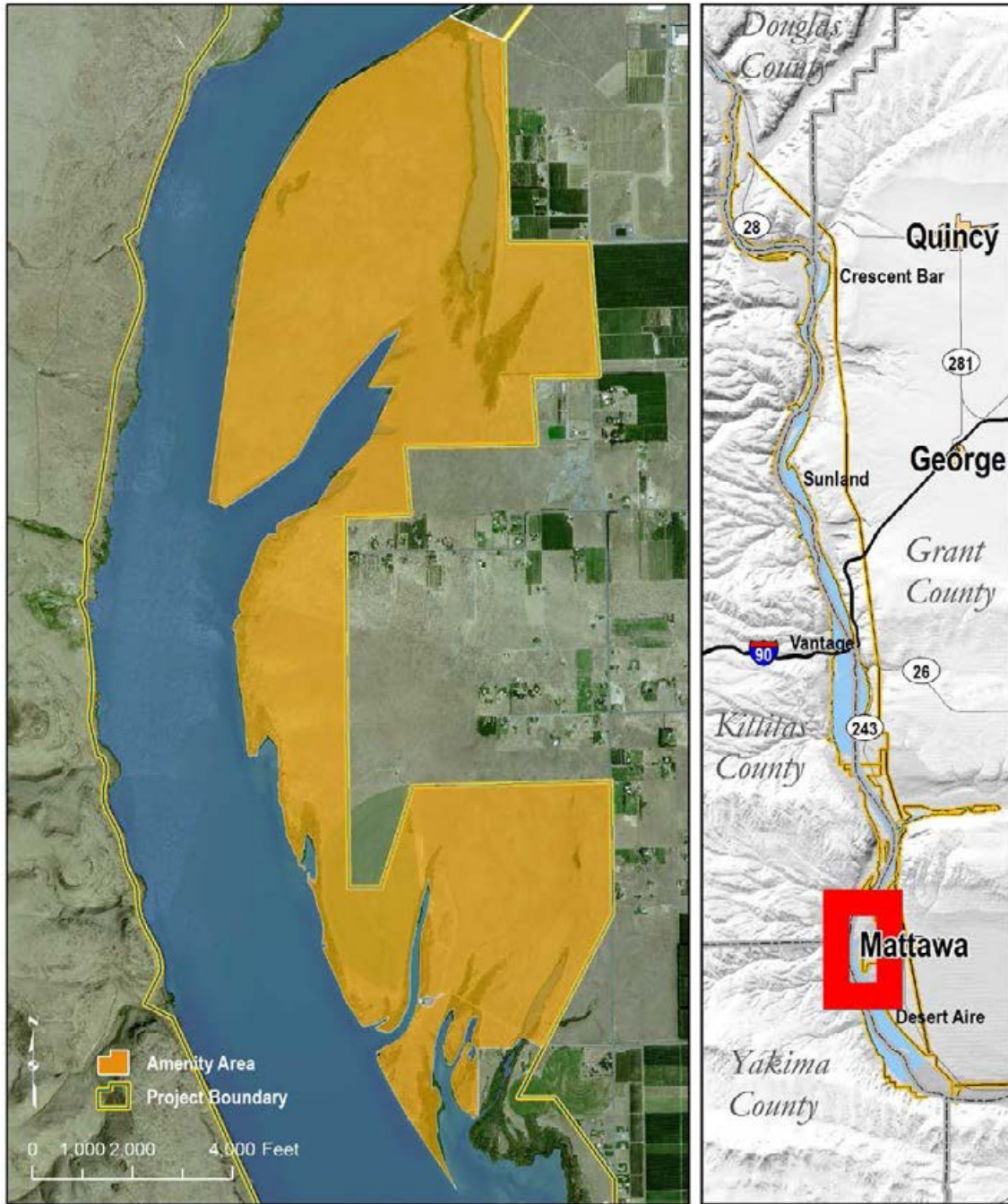
No change from current.

Summary

This site functions as a dispersed amenity on the Project.



Vicinity Map - Priest Rapids Wildlife Area



Facilities Inventory - Data Sheet - Priest Rapids Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	1	N/A	N/A
	Hunting - Areas (acres)		1930.5	1271.5	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		1	0	2	Yes
	Restrooms		0	0	N/A	N/A
Hunting - Vault Toilets		0	0	N/A	N/A	

Facilities Inventory - Data Sheet - Priest Rapids Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp Dispersed Camping Areas	Number of Group Camps		0	0	0	0
	Dispersed Campsites - Primitive (vault toilet)		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Priest Rapids Recreation Area



The main site amenities of Priest Rapids Recreation Area (PRRA) include: a boat launch (3 lanes), 2 picnic areas, 3.1 miles of trail with 2 trailheads, a campground, 3 interpretive displays, and a delineated swim area. These are FERC approved (required).

The boat launch, day use areas, trail, trailheads, and swim beach were renovated in 2013. Prior to these improvements, public recreational access at this location was provided by the Desert Aire Owner's Association, who developed and operated the park under an approved land use permit issued under the previous project license. The site is now fully operated and maintained by Grant PUD.

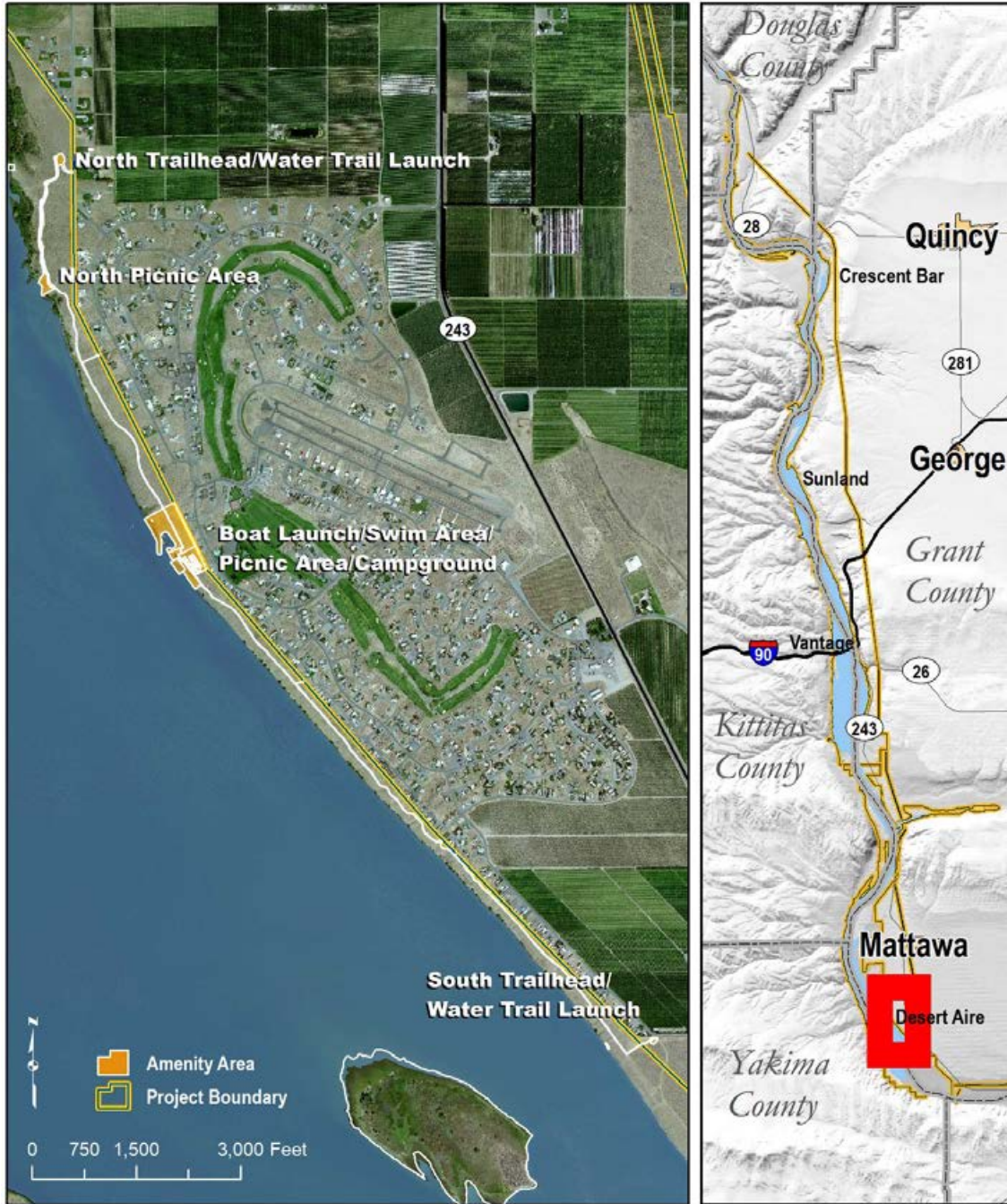
Facilities supporting the approved amenities include:

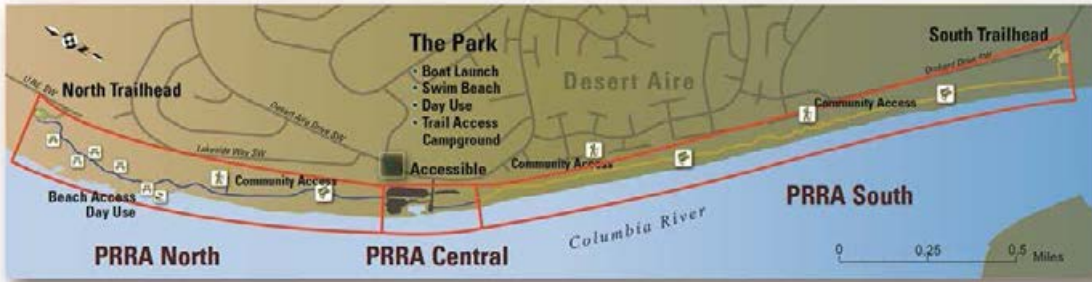
- Boat Launch
ADA boarding floats, paved parking, ADA vault toilet, garbage receptacles, and interpretation & education kiosk
- Campground
Vehicular access campsites, with picnic table at each
- Picnic Area
Picnic tables (9), grills (5), ADA vault toilet, paved and gravel parking, and interpretation and education kiosk
- North trailhead/picnic area
Picnic tables (15) and grills (3), ADA vault toilet, gravel parking, trash receptacles, and interpretation & education kiosk.
- South trailhead
Gravel parking

PRRA is located on the Priest Rapids Reservoir, on the left (east) bank between river miles 398 and 403 adjacent to the communities of Desert Aire and Cox's Landing.

The south trailhead is currently outside the Project boundary. At the time of this report, Grant PUD staff were preparing the required documents to request adjustment of the Project boundary, such that all required facilities would lie within that boundary.

Vicinity Map – Priest Rapids Recreation Area





Condition

After two years of heavy use, nearly all facilities are still in like new condition. Exceptions are facilities with surfaces that are known, at time of development, to require routine maintenance. They include:

Gravel parking surfaces, in this case the specific requirement is routine replacement of paving whiskers used to delineate parking stalls,

Gravel trail, which is still very functional but requires repacking to maintain the original trail quality, and

Swim beach, where removal of larger cobble from swim area beach surface to conform to standard of the industry.

Picnic area lawn, where foot traffic has been at levels the lawn cannot sustain, resulting in bare ground in some areas. Grass stone or some other method of hardening the site may be necessary.

ADA Compliance

An obvious effort to make PRRA accessible to people of all mobility levels is seen at the site. Exceptions are few and include:

Raised grills at swim beach picnic area, ADAAG requires 48” clear space, with a firm surface, in front and to each side of grill. The grills currently do not meet this requirement on three of the usable sides. These grills have the potential to be locked to prevent rotation and the need for a 48” surface would be eliminated on one side. The concrete pads can easily be expanded to meet this requirement.

Campground, this area was not redeveloped and therefore had no upgrades to accommodate people with disabilities.

Even though these exceptions exist, people with physical challenges will find accessibility to all amenities, with the exception of camping, and access to all primary support facilities, including parking, restrooms, and trash receptacles.

Natural Resource Condition – Recreation Impacts

All amenities and facilities at PRRA are within a Public Recreation Development Area. The plan (PRDP) for management of this area was developed in collaboration with the local community. Natural resource management was incorporated in that plan, with monitoring occurring on a routine bases. No natural resource monitoring was completed as part of this assessment in deference to the PRDP.

Future Plans

Needs, such as a fish cleaning station and camping utilities, are being evaluated but no plans exist for any changes to the area, pending the outcome of data collection related to RRMP update.

Summary

Priest Rapids Recreation Area is being well maintained, as indicated by the condition following heavy use on most peak season weekends.

Implementation of the PRDP has the potential of improving the condition of the native vegetation adjacent to the developed areas of the site.



Facilities Inventory - Data Sheet - Priest Rapids Recreation Area

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	1	Yes
	Launch Lanes	3	0	N/A	Yes
	Launch Floats/Docks - linear ft.	240	0	1	Yes
	Launch Parking Stalls (car only)	18	0	1	Yes
	Launch Parking Stalls - car/trailer	78	0	1	Yes
	Boat Launch - Area (acres)	6.1	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	2	0	1	Yes
	Launch Restrooms	0	0	N/A	N/A
	Launch Vault Toilets	1	0	1	Yes
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	1	0	2	Yes
	Swim Area - Acres	0.5	0	N/A	N/A
	Swim Area Parking stalls	0	0	N/A	N/A
	Domestic Water	0	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	0	0	N/A	N/A
	Swim Area Restrooms	0	0	N/A	N/A
Swim Area Vault Toilets	0	0	N/A	N/A	
Trails	Number of Trails	1	0	2	Yes
	Trail miles	3.1	0	2	Yes
	trail parking stalls (car only)	13	12	2	Yes
	Trails - Area (acres)	3.3	0.14	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	5	1	1	Yes
	Bench	6	0	1	Yes
	Trail Restrooms	0	0	N/A	N/A
Trail Vault Toilets	1	0	1	Yes	

Facilities Inventory - Data Sheet - Priest Rapids Recreation Area

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		2	0	N/A	No
	Picnic Tables		24	0	1	Yes
	Fire grill (pedestal or pit)		8	0	1	No
	Picnicking Parking stalls		18	0	1	Yes
	Picnic Area - Area (acres)		4.4	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		13	0	1	Yes
	Picnicking Restrooms		0	0	N/A	N/A
	Picnicking Vault Toilets		1	0	1	Yes
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		3	1	1	Yes
	# Signage/Kiosk/Billboard/Displays		7	1	1	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		1	0	1	No
	Campground - Area (acres)		2	0	N/A	No
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		2	0	1	No
	RV Dump Station		0	0	N/A	N/A
	Campground Additional Parking		2	0	1	No
	Restrooms (flush toilets w/ showers)		0	0	N/A	N/A
	Campground Restrooms (w/o showers)		0	0	N/A	N/A
	Campgrounds Vault Toilets		0	0	N/A	N/A

Facilities Inventory - Data Sheet - Priest Rapids Recreation Area

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campsites	Campsites - w/utilities	0	0	N/A	N/A
	Campsites - standard (flush toilet)	0	0	N/A	N/A
	Campsites - Primitive (vault toilet)	14	0	1	No
	Fire grill (pedestal or pit)	0	0	N/A	N/A
	Picnic Tables	14	0	1	No
	Tent Pad	0	0	N/A	N/A
	Parking Stalls	28	0	1	No
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

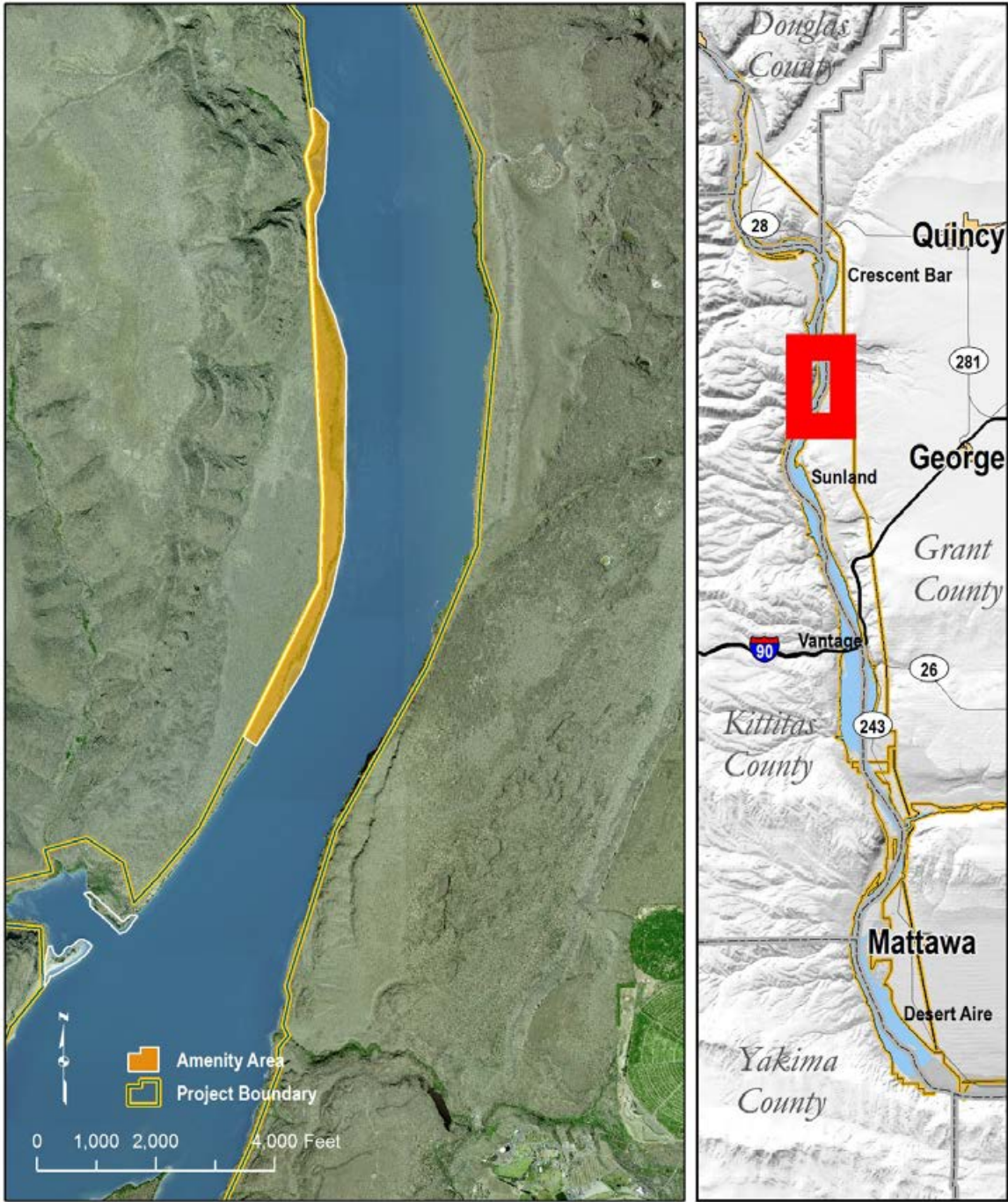
Quilomene Bar Hunting



Quilomene Bar is an area owned and managed by WDFW within the Project boundary. It is utilized by the public as a hunting area accessed from the river. The site is recorded on FERC Form 80 as a hunting amenity but is not a FERC approved (required) amenity.

Quilomene Bar is located on the right (west) bank of the Wanapum reservoir. Its location is approximately midway between the boat launches at Crescent Bar and Sunland Estates.

Vicinity Map – Quilomene Bar



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

This site is not a WDFW site stipulated in the Project license for monitoring. Since it is not managed by Grant PUD only a cursory natural resource assessment was completed. No impacts from recreational activities were identified.

Future Plans

No change from current.

Summary

This site functions as a dispersed amenity on the Project.

Facilities Inventory - Data Sheet - Quilomene Bar Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		79.9	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
Hunting - Vault Toilets		0	0	N/A	N/A	

Facilities Inventory - Data Sheet - Quilomene Bar Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	0	0	0
	Campsites	Campsites - w/utilities	0	0	0	0
		Campsites - standard (flush toilet)	0	0	0	0
		Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Quilomene Dune and Bay

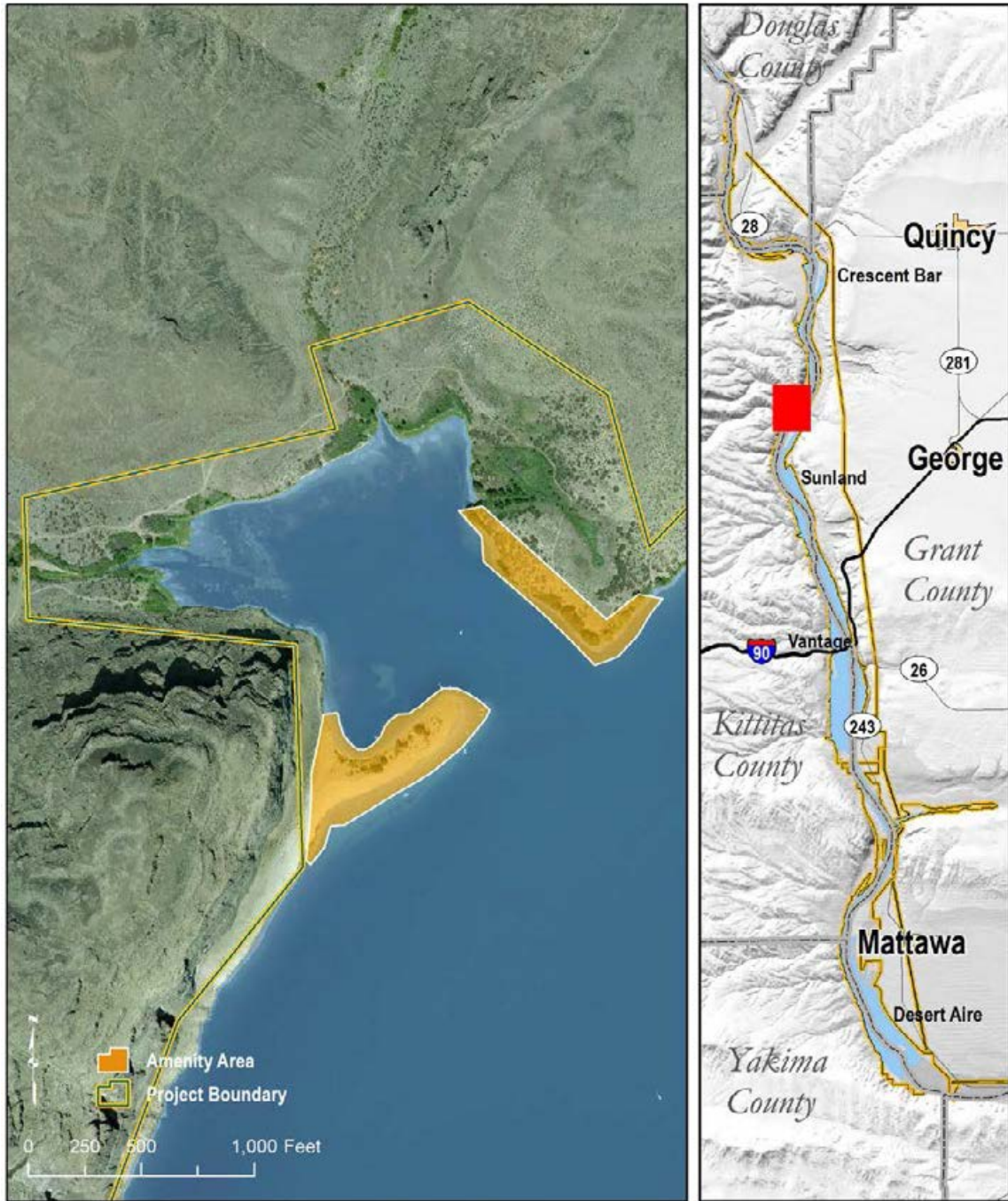


Quilomene Dune and Bay is an informal use area owned and managed by WDFW. It is a FERC approved (required) amenity. No facilities are required by the License, but there is a requirement to monitor the site for recreational use and assist with site clean-up.

Quilomene Dune and Bay is located on the right (west) bank of the Wanapum reservoir eight miles downstream of Crescent Bar and three miles upstream of Sunland.

The site is used primarily as a dispersed boat in recreation site, with large gatherings of boats and serious partying on holiday weekends and during concerts at the Gorge Amphitheater.

Vicinity Map – Quilomene Dune and Bay



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian

So many forces are at work on this site that it is not possible in a single snapshot of time to determine what active sand movement on the dune is the result of natural dune evolution versus the result of recreational activity interfering with natural dune stabilization processes.

The 2014 draw down, in response to the Wanapum Dam fracture, exposed miles of shoreline and wind erosion of sand. It is obvious that has added to sand deposited on the dune and the burying of grasses and shrubs that form stable dunes. It is therefore impossible at this time to associate any impact on vegetation along the dune shoreline to recreational activity.

One erosion incision was identified, clearly linked to boaters accessing the dune. The incision is 23' wide and 48" deep.

There has been minor impacts to riparian understory at a dispersed primitive campsite established on the north shore of the cove. Other than that, there is no indication of impact to shoreline riparian areas.

- Priority Habitat Areas

Priority habitat at this site is part of the Wanapum Water Fowl Area. Since this is primarily an aquatic critical area no further assessment was done on recreational impacts to the priority habitat.



Future Plans

Potential grant funding has been identified and environmental permitting is underway to establish a floating restroom in the bay at this location to help with resource protection and health and sanitation. Other than that, no changes are anticipated for this site.

Summary

The site receives extreme heavy recreational use on holidays and some weekends during the peak recreation season, but the site heals quickly due to the dynamics of dune ecology, where most of the activity takes place.



Facilities Inventory - Data Sheet - Quilomene Dune & Bay

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	0	0	0	0
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0
Trails	Number of Trails	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0
Picnic Area	# of Picnic Areas	0	0	0	0
Overlook / Vistas	Number of Overlooks	0	0	0	0
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	0	0	0	0
	# Signage/Kiosk/Billboard/ Displays	0	0	0	0
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	0	0	0	0

Facilities Inventory - Data Sheet - Quilomene Dune & Bay

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		1	0	N/A	No
	Dispersed Campsites - Primitive (vault toilet)		0	0	N/A	N/A
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Picnic Tables		0	0	N/A	N/A
	Parking Stalls		0	0	N/A	N/A
	Dispersed Camping - Area (acres)		4	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Dispersed Camping Vault Toilets		0	0	N/A	N/A
Informal Use Area	Number of Informal Use Areas		1	0	N/A	N/A
	Informal Area - Acres		5.9	0	N/A	N/A
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

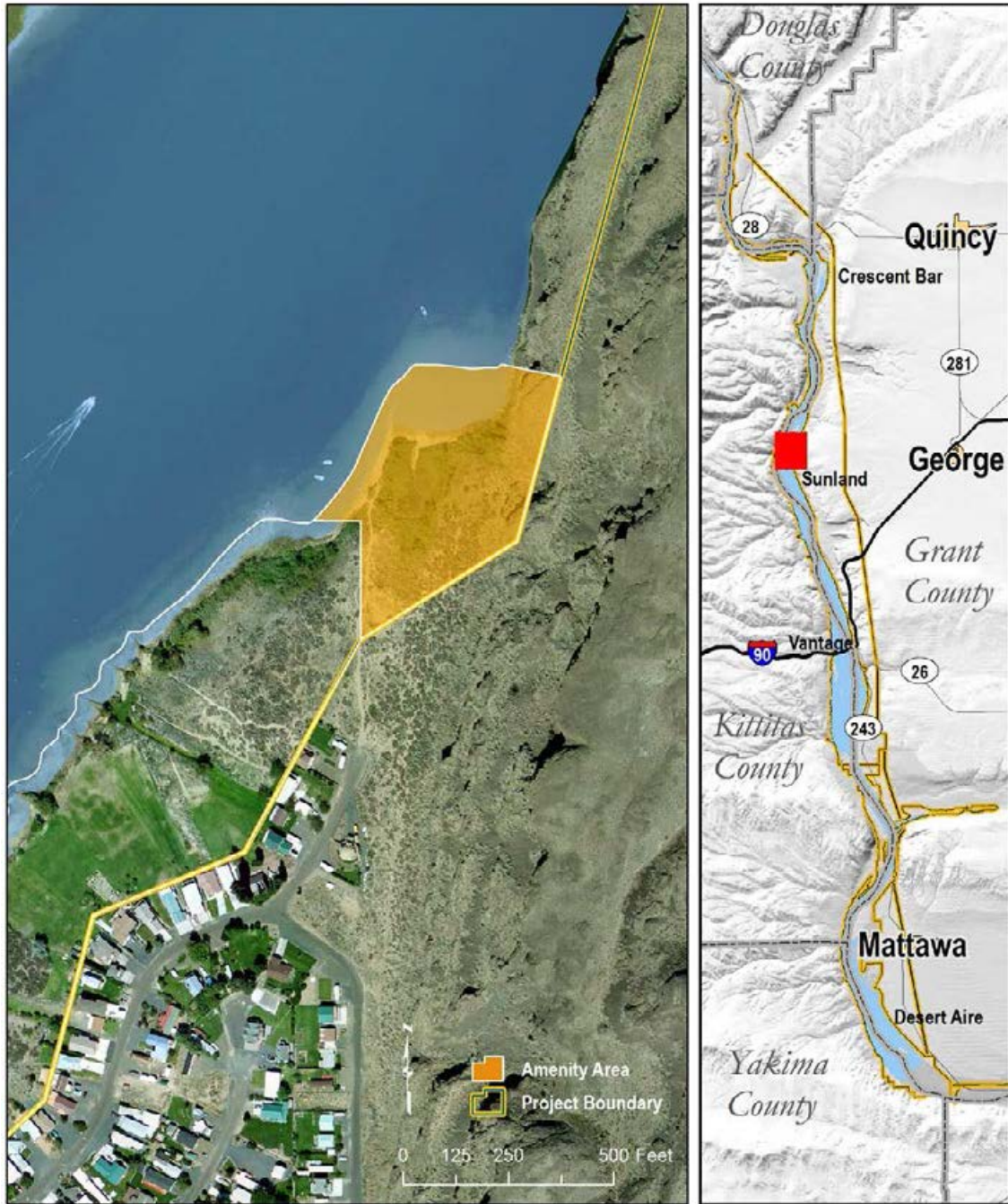
Quincy Wildlife Area



Quincy Wildlife Area is an access point. It is located on the left (east) bank of the Wanapum Reservoir, adjacent to the north end of Sunland Estates. The area is owned and managed by WDFW.

This is a FERC approved (required) amenity. No facilities are required by the License, but there is a requirement to monitor the site for recreational use and assist with site clean-up.

Vicinity Map – Quincy Wildlife Area



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Priority Habitat Areas
PHA is a water fowl area. As an aquatic area there is no recreational impact.
- Riparian Area
There is not an established overstory in the area impacted by informal trails through the riparian zone, but 3.31% of the sites understory lineal length has been modified, or 1.77% of the area of the riparian zone.
- Erosion
Recreational erosion has created a couple of erosional incisions – MIC 1) 12”d x 84”w and MIC 2) 6”d x 72”w.

Future Plans

None at this time.

Summary

The site provides an excellent recreational interface between urban development and dispersed primitive recreation.

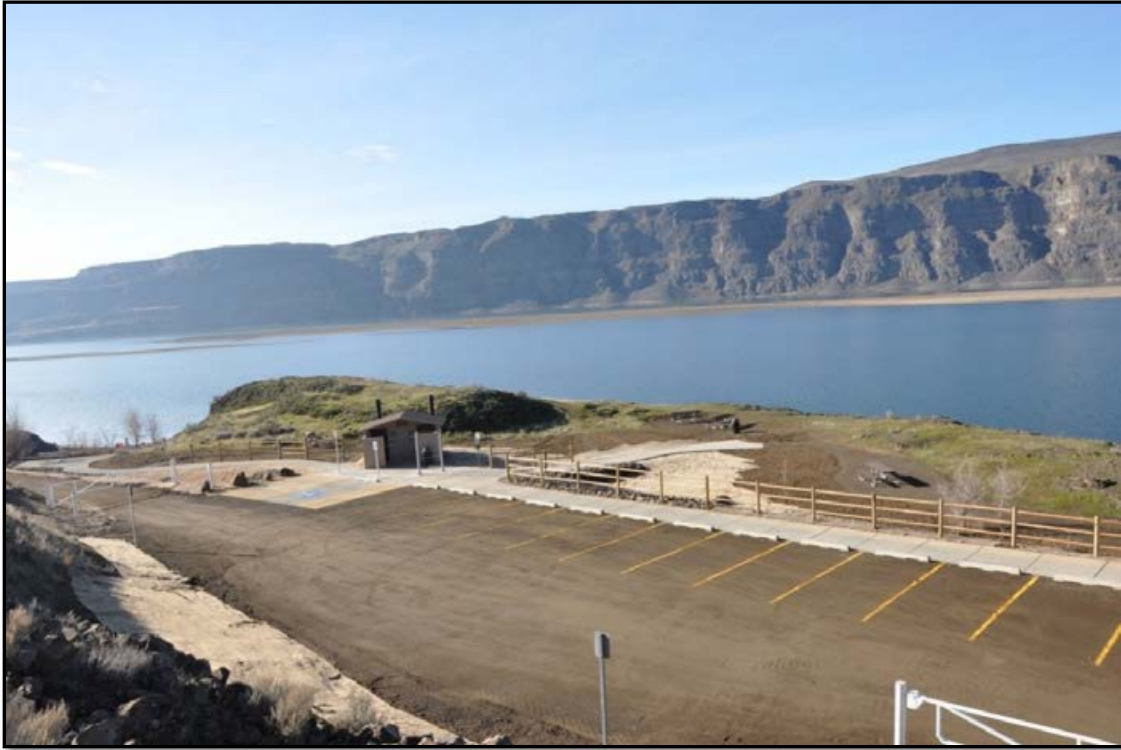
Facilities Inventory - Data Sheet - Quincy Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - Quincy Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	3	No
	Access Point Parking Stalls		0	0	N/A	N/A
	Access Points - Area (acres)		4.9	15256	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Rattlesnake Cove Recreation Area



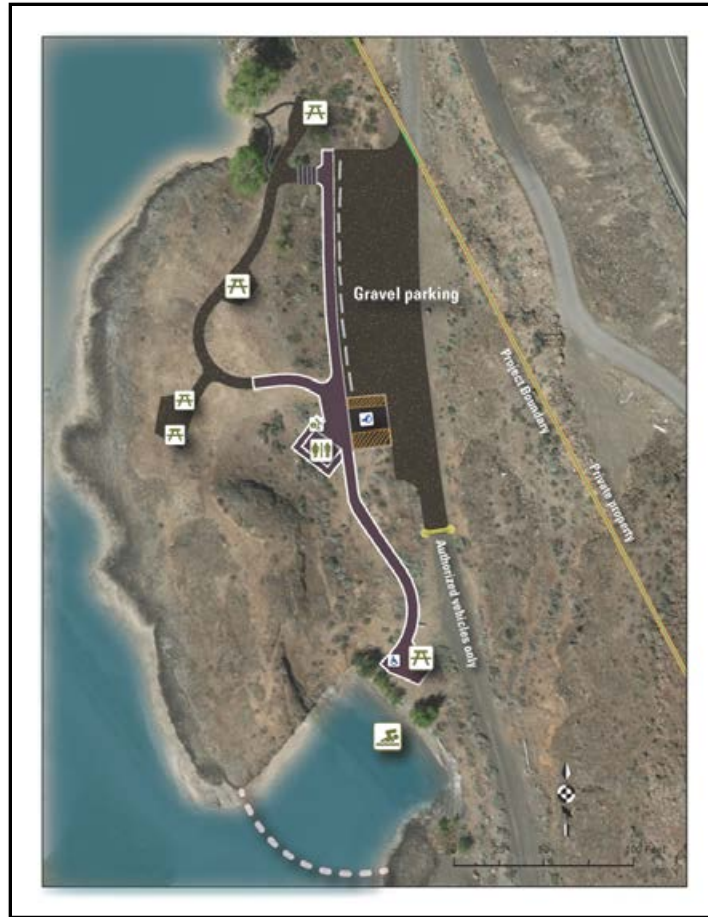
Amenities at Rattlesnake Cove Recreation Area include a picnic area, delineated swim beach, and interpretive display. These are FERC approved (required) amenities. Facilities supporting these amenities include a vault toilet, gravel parking, trash receptacles, and accessible routes to all facilities.

The site is located at the south end of Sunland Estates, on the left (east) bank of the Wanapum Reservoir.

Construction of this site was completed in 2014.

Vicinity Map – Rattlesnake Cove Recreation Area





Condition

All facilities are in like new condition.

ADA Compliance

All aspects of the site are consistent with ADA standards.

Natural Resource Condition – Recreation Impacts

The entire site is developed. There is no access point, hunting area, or informal use area within the site, therefore no recreation impact to critical natural resources was conducted.

Future Plans

No additional development plans exist at this time, pending the completion of the RRMP update and any desired action resulting from that process.

Summary

All facilities are currently functioning as intended.

Facilities Inventory - Data Sheet - Rattlesnake Cove

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		1	0	2	Yes
	Swim Area - Acres		0.2	0	N/A	N/A
	Swim Area Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Swim Area Restrooms		0	0	N/A	N/A
	Swim Area Vault Toilets		0	0	N/A	N/A
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		1	0	1	Yes
	Picnic Tables		5	0	1	Yes
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Picnicking Parking stalls		15	0	2	Yes
	Picnic Area - Area (acres)		2.3	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		3	0	1	Yes
	Picnicking Restrooms		0	0	0	N/A
	Picnicking Vault Toilets		1	0	1	Yes
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0

Facilities Inventory - Data Sheet - Rattlesnake Cove

FERC Identified Amenity Type						
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	
Interp Displays	Number of Interpretive Displays	1	0	1	Yes	
	# Signage/Kiosk/Billboard/ Displays	1	0	1	Yes	
Hunting Area	Number of Hunting Areas	0	0	0	0	
Campground	Number of Campgrounds	0	0	0	0	
Campsites	Campsites - w/utilities	0	0	0	0	
	Campsites - standard (flush toilet)	0	0	0	0	
	Campsites - Primitive (vault toilet)	0	0	0	0	
Group Camp	Number of Group Camps	0	0	0	0	
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0	
Informal Use Area	Number of Informal Use Areas	0	0	0	0	
Access Points	Number of Access Points	0	0	0	0	
Other	Other Area - Acres	0	0	0	0	

Riverstone Resort

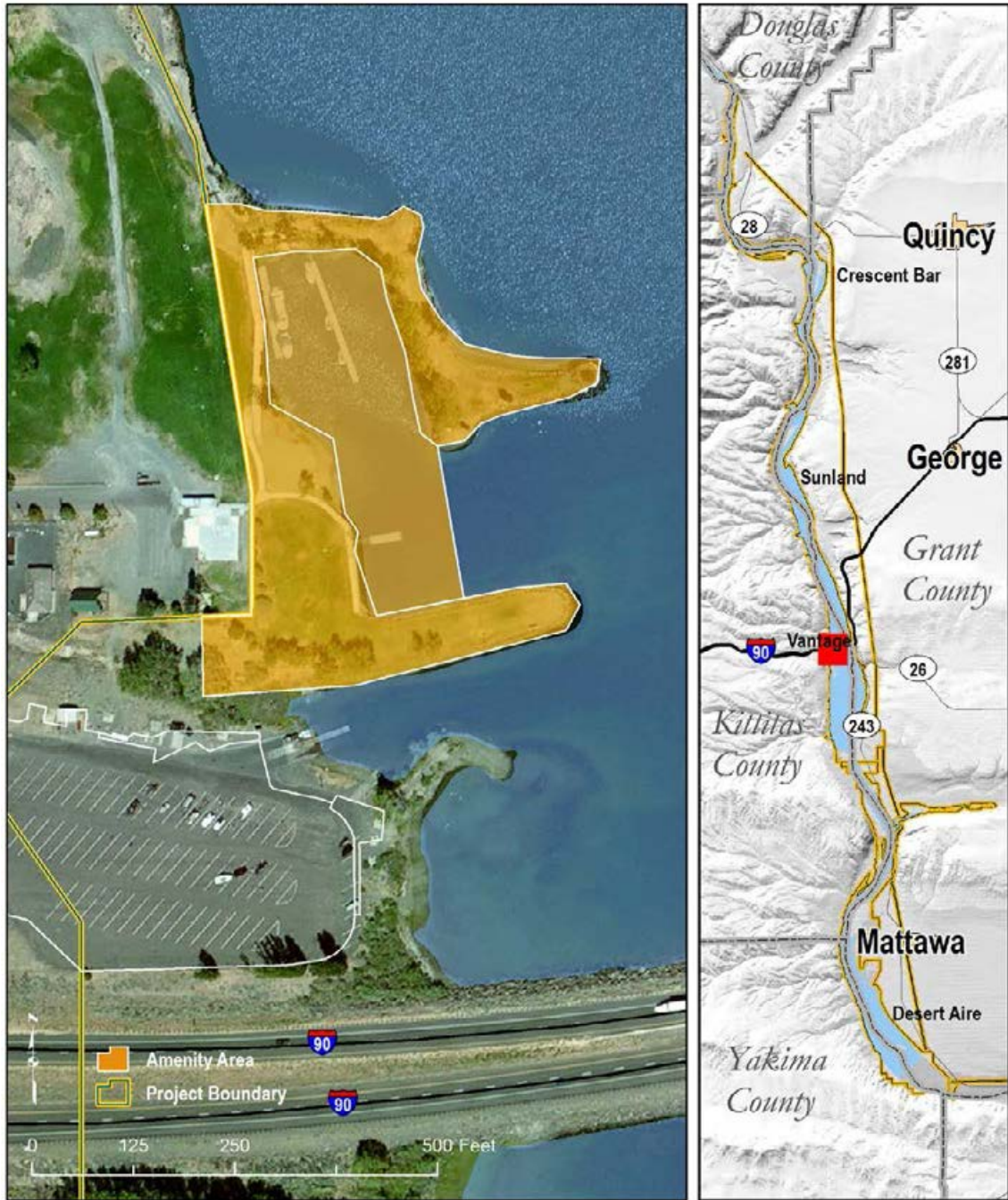


Within the Project boundary, the Riverstone Resort amenities include a marina and an access point.

The resort is located on the right (west) bank of the Wanapum reservoir, in the town of Vantage. The resort is located adjacent to the Vantage Boat Launch.

The resort was developed and previously operated under a land use authorization (LUA) from Grant PUD. An application for a new LUA has been received and is under review. The resort amenities are not FERC approved (required).

Vicinity Map – Riverstone Resort

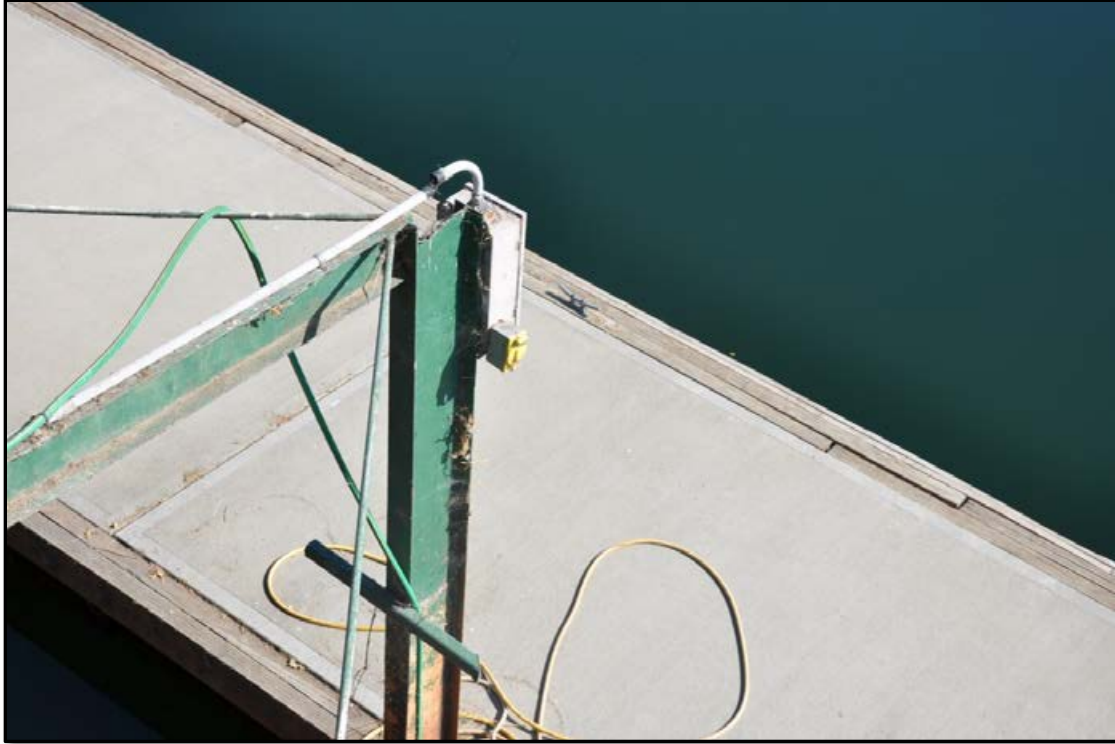




Condition

Portions of this facility have failed and need major renovation. A concrete float in the marina has a crack that allowed the internal foam to become visible. Electrical wiring is exposed in several locations, unknown if wires are active or disconnected.





Failed conduit joint. Rain water access to connections in junction box. Extension cord would indicate plug has power to it.

ADA Compliance

Marina lacks accessible route of travel to floats. Facility is in compliance until such time as major renovation or replacement occurs.

Natural Resource Condition – Recreation Impacts

The access point in this case is not a dispersed undeveloped area. In this instance the access point is a developed turf area. As a developed area, no natural resource condition assessment was completed at this site.

Future Plans

There are no known development plans at this time. Proposals for facility upgrades may result from the LUA process and/or the RRMP update.

Summary

It is advisable that a civil engineer assess the structural integrity of all walkways supported by built structures and floats within the marina. Public safety hazard management in developed areas is a concern.

Facilities Inventory - Data Sheet - Riverstone Resort

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		1	0	4	No
	Moorage slips		10	0	4	No
	Marina Parking stalls		0	0	N/A	N/A
	Marina - Area (acres)		1.4	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Marina Restrooms		0	0	N/A	N/A
	Marina Vault Toilets		0	0	N/A	N/A
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0

Facilities Inventory - Data Sheet - Riverstone Resort

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	3	No
	Access Point Parking Stalls		0	0	N/A	N/A
	Access Points - Area (acres)		2.6	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Rocky Coulee Recreation Area



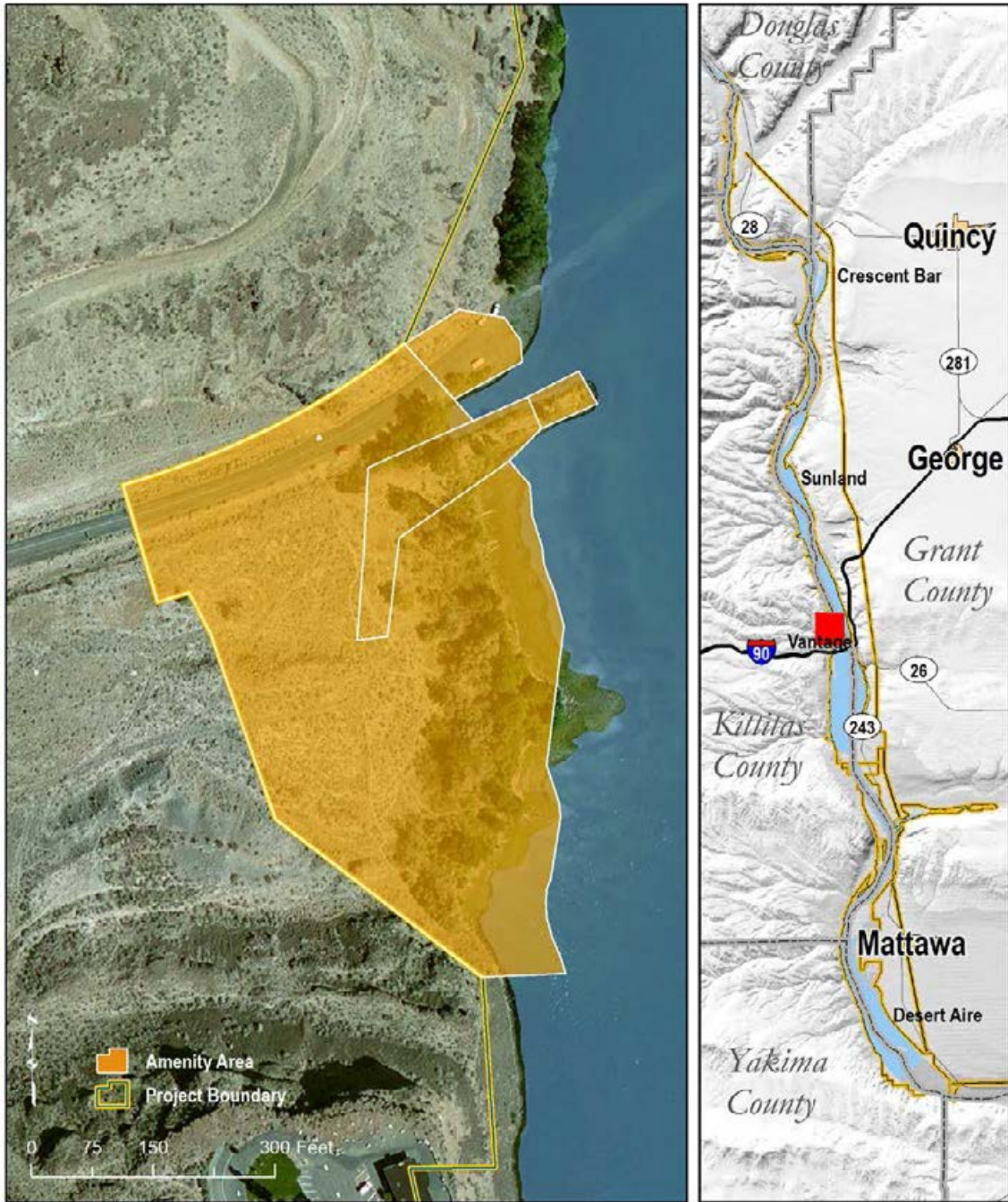
Amenities at Rocky Coulee Recreation Area consist of a campground, picnic area, boat launch (hand launch), and interpretive displays. These are FERC approved (required) amenities.

Facilities supporting these amenities include; 10 semi-primitive walk-in campsites (2 ADA), all with picnic table and grill, two vault toilets, asphalt and gravel parking (2 ADA), day-use area with 5 picnic tables, trash receptacles, 2 interpretation and education kiosks, and accessible routes to all facilities.

The site is located on the right (west) bank of Wanapum Reservoir, just north of the town of Vantage.

Rocky Coulee Recreation Area is located, in part, on the old Vantage State Highway crossing the Columbia River. This was the cross state highway until Interstate 90 was completed. The campground is located on an old orchard site. Remnants of the old CCC constructed trail originate from this site.

Vicinity Map – Rocky Coulee Recreation Area





Condition

Development of Rocky Coulee Recreation Area was completed in 2014. All facilities are in like-new condition.

ADA Compliance

All facilities at this site are in compliance with ADA guidelines

Natural Resource Condition – Recreation Impacts

No assessment was completed for this site, since the site is managed as a developed recreation site with no dispersed access point, informal use area, or hunting area.

Future Plans

None at this time.

Summary

All facilities at this site function as intended.

Facilities Inventory - Data Sheet - Rocky Coulee Recreation Area						
FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		1	0	2	Yes
	Launch Lanes		0	0	N/A	N/A
	Launch Floats/Docks - linear ft.		0	0	N/A	N/A
	Launch Parking Stalls (car only)		0	0	N/A	N/A
	Launch Parking Stalls - car/trailer		0	0	N/A	N/A
	Boat Launch - Area (acres)		0.3	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		0	0	N/A	N/A
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		1	0	1	Yes
	Picnic Tables		5	0	1	Yes
	Fire grill (pedestal or pit)		2	0	1	Yes
	Picnicking Parking stalls		8	0	1	Yes
	Picnic Area - Area (acres)		0.7	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	1	Yes
	Picnicking Restrooms		0	0	N/A	N/A
	Picnicking Vault Toilets		1	0	N/A	N/A

**Facilities Inventory - Data Sheet - Rocky Coulee
Recreation Area**

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Overlook / Vistas	Number of Overlooks	0	0	0	0
	Picnic Tables	0	0	0	0
	Fire grill (pedistal or pit)	0	0	0	0
	Overlook Parking stalls	0	0	0	0
	Overlook/Vista - Area (acres)	0	0	0	0
	Shade Structures	0	0	0	0
	Garbage Receptacles	0	0	0	0
	Overlook Restrooms	0	0	0	0
	Overlook Vault Toilets	0	0	0	0
	Visitor Center	Number of Visitor Centers	0	0	0
Interp Displays	Number of Interpretive Displays	2	0	1	Yes
	# Signage/Kiosk/Billboard/D isplays	4	0	1	Yes
Hunting Area	Number of Hunting Areas	0	0	0	0
Campground	Number of Campgrounds	1	0	1	Yes
	Campground - Area (acres)	5.4	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	2	0	1	Yes
	RV Dump Station	0	0	N/A	N/A
	Campground Additional Parking	0	0	N/A	N/A
	Restrooms (flush toilets w/ showers)	0	0	N/A	N/A
	Campground Restrooms (w/o showers)	0	0	N/A	N/A
	Campgrounds Vault Toilets	1	0	1	Yes

**Facilities Inventory - Data Sheet - Rocky Coulee
Recreation Area**

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campsites	Campsites - w/utilities	0	0	N/A	N/A
	Campsites - standard (flush toilet)	0	0	N/A	N/A
	Campsites - Primitive (vault toilet)	10	0	1	Yes
	Fire grill (pedestal or pit)	10	0	1	Yes
	Picnic Tables	10	0	1	Yes
	Tent Pad	10	0	1	Yes
	Parking Stalls	10	0	2	Yes
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Sand Hollow Recreation Area



Sand Hollow was not developed until 2015. Historic use centered on non-regulated camping and primitive dispersed day use. Camping was dispersed walk-in with non-designated sites. The site experienced particularly heavy use during holiday weekends and concert weekends at the Gorge Amphitheatre located approximately 15 miles to the north.

FERC approved (required) amenities include camping, picnic areas (2), delineated swim area, and an interpretive (I&E) display. Additionally there is an informal use area within the site that is not FERC approved (not required). The informal use area is accessible by boat or informal trail.

Facilities supporting these amenities include; 30 semi-primitive drive-in campsites (4 ADA), all with a picnic table and grill, 10 primitive walk-in campsites, 2 day use areas with tables, 4 vault toilets, gravel parking, I&E kiosk, and accessible routes to all facilities.

In the past the site was also known as Sand Hollow South. It is located on the Columbia River on the left (east) bank of the Wanapum Reservoir, approximately 3 miles upstream of Wanapum Dam near the town of Vantage.

Vicinity Map – Sand Hollow



Sand Hollow Recreation Area Development



Condition

The redeveloped site opened in the spring of 2015 and all facilities are in like new condition.

ADA Compliance

All aspects of the site are consistent with ADA standards.

Natural Resource Condition – Recreation Impacts

- Riparian Areas
While there is evidence of landscape modification by recreational activity, the riparian habitat around the marsh and irrigation run-off streams has not been impacted.
- Priority Habitat Areas
The priority habitat at Sand Hollow is associated with waterfowl nesting.



Bare Soil within Informal Use Area

Recreational impacts are in the form of an informal trail accessing a well-worn beach area. The vegetation has been trampled to the extent of creating bare soil over 0.5 acres of the 15.5 acre informal use area, or 3.23% of the site. Since this impact is outside the riparian area and the priority habitat area, not further consideration will be given to it at this time. If recreation impacts create an erosion channel that causes irrigation runoff flowing into the site, to be redirected away from the marsh, it would have a

significant impact on an important biological aspect of this site. Such erosion channels have not occurred at this time.

Future Plans

Since the redeveloped site has just recently been opened to the public, there is a need to let some time pass to observe public use patterns, as well as evaluate user survey responses prior to developing adaptive management plans to respond as appropriate.

Summary

The site is in transition from an unmanaged recreation area to a managed primitive experience. All facilities are new. Natural resource monitoring data has been documented and geo-referenced in a GIS layer allowing future replication to assure appropriate management of the critical natural attributes as well.

Facilities Inventory - Data Sheet - Sand Hollow

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		1	0	2	Yes
	Swim Area - Acres		0.6	0	N/A	N/A
	Swim Area Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Swim Area Restrooms		0	0	N/A	N/A
	Swim Area Vault Toilets		0	0	N/A	N/A
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		2	0	1	Yes
	Picnic Tables		22	0	1	Yes
	Fire grill (pedestal or pit)		11	0	1	Yes
	Picnicking Parking stalls		45	0	1	Yes
	Picnic Area - Area (acres)		4	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		10	0	1	Yes
	Picnicking Restrooms		0	0	N/A	N/A
	Picnicking Vault Toilets		1	0	1	Yes
Overlook / Vistas	Number of Overlooks		0	0	0	0

Facilities Inventory - Data Sheet - Sand Hollow

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		2	0	1	Yes
	# Signage/Kiosk/Billboard/ Displays		6	0	1	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		1	0	1	Yes
	Campground - Area (acres)		26.8	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	1	Yes
	RV Dump Station		0	0	N/A	N/A
	Campground Additional Parking		7	0	1	Yes
	Restrooms (flush toilets w/ showers)		0	0	N/A	N/A
	Campground Restrooms (w/o showers)		0	0	N/A	N/A
	Campgrounds Vault Toilets		3	0	1	Yes
Campsites	Campsites - w/utilities		0	0	N/A	N/A
	Campsites - standard (flush toilet)		0	0	N/A	N/A
	Campsites - Primitive (vault toilet)		40	0	1	Yes
	Fire grill (pedestal or pit)		40	0	1	Yes
	Picnic Tables		40	0	1	Yes
	Tent Pad		40	0	1	Yes
	Parking Stalls		40	0	1	Yes
Group Camp	Number of Group Camps		0	0	0	0

Facilities Inventory - Data Sheet - Sand Hollow

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		1	0	N/A	N/A
	Informal Area - Acres		3.2	0	N/A	N/A
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Sand Hollow – North



Sand Hollow – North, is an access point on the Wanapum reservoir. It is located adjacent to the south side of Interstate 90, on the left (east) bank. The site is owned and managed by the USBR, with land both within and adjacent to the Project.

Impacts to the site, outside the Project boundary, are still visible from the construction of the interstate. More recently the site was used by the public as a mostly unmanaged dispersed recreation site. Currently vehicle access has been restricted. People still occasionally walk into the site from the informal rest area on the adjacent Highway 26, using the site for dispersed access to the river.

It is recorded on FERC Form 80 as an amenity, but is not a FERC approved (required) site.



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian

No identifiable riparian area was found at the site.

- Priority Habitat Area

Sand Hollow – North is included within the Wanapum Water Fowl Area and the Evergreen Ridge Babcock Ridge (supportive of Chukars). The water fowl area is aquatic and unaffected by recreational activity. Very little evidence exists of recreational activity within the Project boundary at the site. The area is wind scoured rock supporting no vegetation within the Project.

Future Plans

None at this time.

Summary

The site offers little more than the opportunity for travelers to stretch their legs and take in the views of the reservoir and the shrub-steppe landscape.



Facilities Inventory - Data Sheet - Sand Hollow North

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - Sand Hollow North

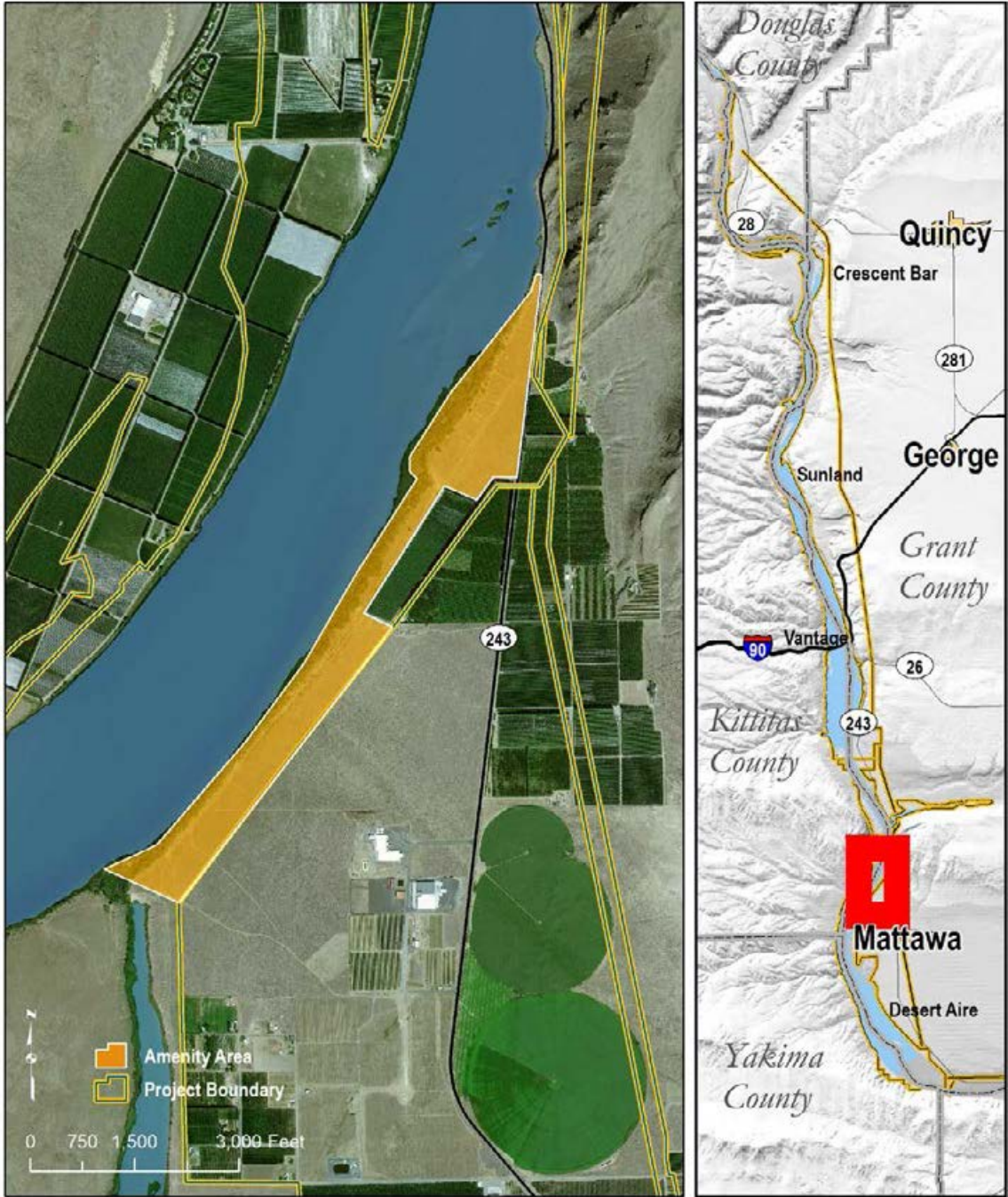
FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	2	No
	Access Point Parking Stalls		4	0	2	No
	Access Points - Area (acres)		20.5	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Sentinel Gap



Sentinel Gap is an access point. The site is owned and managed by Grant PUD as resource management lands. The site is located on the left (east) bank of the Priest Rapids reservoir, between the towns of Beverly and Mattawa.

It is recorded on FERC Form 80 as an amenity, but is not a FERC approved (required) site.



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

A continuous band of riparian community extends the entire length of the site, nearly ½ mile. The priority habitat is associated with Bald eagle winter roosts. So the two biological areas of concern (eagle roosts and riparian) are completely overlapped at this site. Three distinct impacted locations were identified. One may be the result of the establishment of a temporary support facility utilized by WDFW during a research project, but was included in the recreation impact since recreationists most likely continue to use the location for access to the river.

The combined impact to riparian overstory and understory along the entire length of the site equates to 0.4% of the lineal plane being impacted. The area impacted, including trampling, resulting in bare ground, is 0.1% of the site.



Future Plans

None at this time.

Summary

The site appears to be functioning well, both from an environmental/ecological point of view and as an access point for low levels of dispersed recreationists.

Facilities Inventory - Data Sheet - Sentinel Gap						
FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0

Facilities Inventory - Data Sheet - Sentinel Gap

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
	Informal Area - Acres		0	0	0	0
Access Points	Number of Access Points		1	0	N/A	N/A
	Access Point Parking Stalls		0	0	N/A	N/A
	Access Points - Area (acres)		168.8	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Sunland Estates Park



Sunland Estates Home Owners Association (HOA) has developed a park that is both adjacent to and on Project lands. The park contains active recreation, a swimming pool, and picnicking. A portion of the picnic area lies on Project lands which is allowed under a land use authorization by Grant PUD. That portion on Project lands is open to the general public; access by the general public is by boat or by foot across adjacent Project lands.

It is recorded on FERC Form 80 as an amenity, but is not a FERC approved (required) site.

Vicinity Map – Sunland Picnic Area



Condition

The facilities within the Project, at Sunland Estates Park are in like new condition.

ADA Compliance

There no accessibility for the physically challenged within the picnic area. There is no route of travel or accessible facilities.

Natural Resource Condition – Recreation Impacts

This is a developed site containing no access points or informal use areas with native natural resources to be evaluated.

Future Plans

None at this time.

Summary

The Sunland Estates Park contrasts with the Sunland Shoreline access point adjacent. The park is a developed Urban Recreation site, while the access point is a more natural Semi-Developed Natural site.

Facilities Inventory - Data Sheet - Sunland Estates Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		1	0	1	No
	Picnic Tables		4	0	1	No
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Picnicking Parking stalls		0	0	N/A	N/A
	Picnic Area - Area (acres)		3.5	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Picnicking Restrooms		0	0	N/A	N/A
Picnicking Vault Toilets		0	0	N/A	N/A	
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0

Facilities Inventory - Data Sheet - Sunland Estates Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Sunland Boat Launch



The Sunland Boat Launch is located on land owned by the Bureau of Reclamation within the Project, and operated by WDFW.

The ramp was developed by WDFW. In 2014 some renovation work was completed, stabilizing the toe of the ramp and extending the ramp to be usable at most reservoir levels.

The ramp is located at the south end of Sunland Estates, on the left (east) bank of the Wanapum reservoir.

It is recorded on FERC Form 80 as an amenity, but is not a FERC approved (required) site.

Vicinity Map – Sunland Boat Launch



Condition

All facilities at this site operate as intended with just routine maintenance.

ADA Compliance

The parking and restroom meet ADA standards. The site lacks a ramp to allow boarding of a watercraft in the uplands, or a boarding float to allow boarding on the water.

Natural Resource Condition – Recreation Impacts

All native vegetation is managed as part of the boat launch, not as disperser native areas. With no access point or informal use area at this site, a natural resource condition assessment was not completed at this site.

Future Plans

None at this time.

Summary

The launch site receives heavy use during periods of the peak recreation season. The facilities are standing up well and functioning as intended.

Facilities Inventory - Data Sheet - Sunland Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		1	0	2	No
	Launch Lanes		2	0	1	No
	Launch Floats/Docks - linear ft.		0	0	N/A	N/A
	Launch Parking Stalls (car only)		2	0	2	Yes
	Launch Parking Stalls - car/trailer		44	0	2	Yes
	Boat Launch - Area (acres)		1.5	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		1	0	2	Yes
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0

Facilities Inventory - Data Sheet - Sunland Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Interp Displays	Number of Interpretive Displays		0	0	N/A	N/A
	# Signage/Kiosk/Billboard/ Displays		4	0	2	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Sunland Shoreline



Sunland Shoreline is an access point, owned and managed by Grant PUD adjacent to the community of Sunland Estates. Access to the site is from Quincy Wildlife Area, across the lot owned by Grant PUD, or from adjacent private properties.

Sunland Shoreline is located on the left (east) bank of the Wanapum reservoir downstream of Crescent Bar and immediately downstream of the Gorge Amphitheater.

It is recorded on FERC Form 80 as an amenity, but is not a FERC approved (required) site.

Vicinity Map – Sunland Shoreline Access Point



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

Sunland Shoreline is within an area where a Public Recreation Development Plan (PRDP) has been developed in collaboration with the adjacent community. That planning effort included identification of encroachments onto Grant PUD lands and restoration plans. To avoid redundancy and acknowledge the public process, no natural resource condition assessment was conducted, potentially utilizing different condition indicators and standards.

Future Plans

The PRDP is guiding a process that is still underway, focused on restoring the native vegetative communities, with low impact public access.

Summary

Sunland Shoreline is one of four locations where the PRDP process has taken on the challenge of blending the recreational desires of adjacent land owners onto and across Project lands to the water's edge, with recreation that welcomes all people to enjoy Project lands.

Facilities Inventory - Data Sheet - Sunland Shoreline

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0

Facilities Inventory - Data Sheet - Sunland Shoreline

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		1	0	N/A	N/A
	Access Point Parking Stalls		0	0	N/A	N/A
	Access Points - Area (acres)		51.6	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Access Point Vault Toilets		0	0	N/A	N/A
Other	Other Area - Acres		0	0	0	0

Tarpiscan Creek Wildlife Area

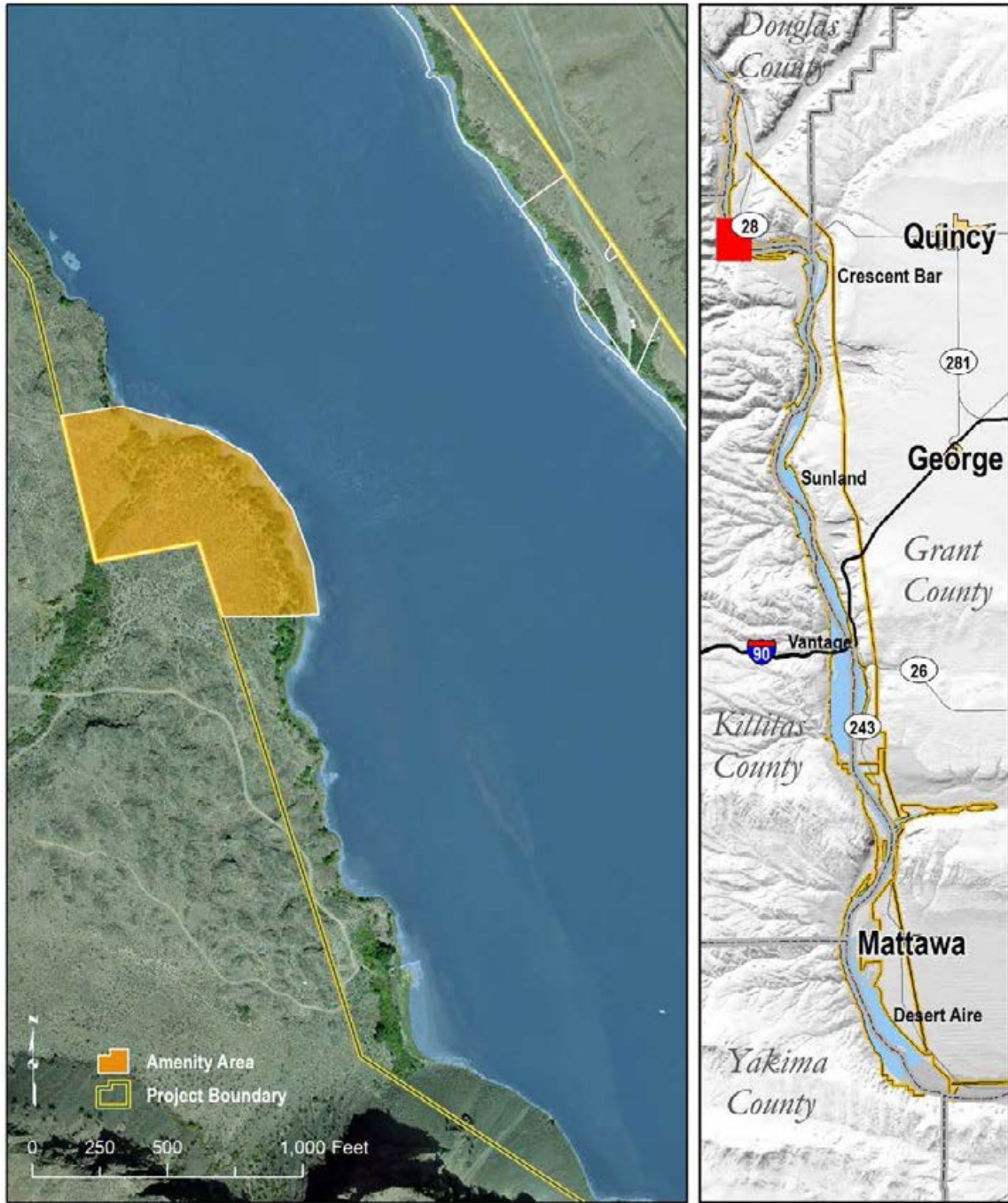


Tarpiscan Creek is a hunting area managed by WDFW. Within the project, hunting focuses mainly on water fowl.

The site is located on the right (west) bank of the Wanapum reservoir, about midway between Rock Island Dam and Crescent Bar, across the river from Apricot Orchard.

Tarpiscan Creek is recorded on FERC Form 80 as an amenity, but is not a FERC approved (required) site.

Vicinity Map – Tarpiscan Creek



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian Area

There is no indication of impact from recreational activity on the riparian area.

- Priority Habitat Areas

PHAs on this site include; Clockum Elk/Deer Winter Range, West Bar Elk/Deer Concentrated Winter Range, and Quilomene Big Horn Sheep.

A few wildlife trails are visible on the site but no indication of impacts from recreational activity.

Future Plans

None at this time.

Summary

This is a small area within the Project, but it serves a non-peak season recreational activity with no known adverse impacts.



Historic “Spanish Castle” home site ½ mile south of Tarpiscan Creek

Facilities Inventory - Data Sheet - Tarpiscan Creek Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		10.1	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
Campground	Number of Campgrounds		0	0	0	0

Facilities Inventory - Data Sheet - Tarpiscan Creek Wildlife

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

The Cove Recreation Area

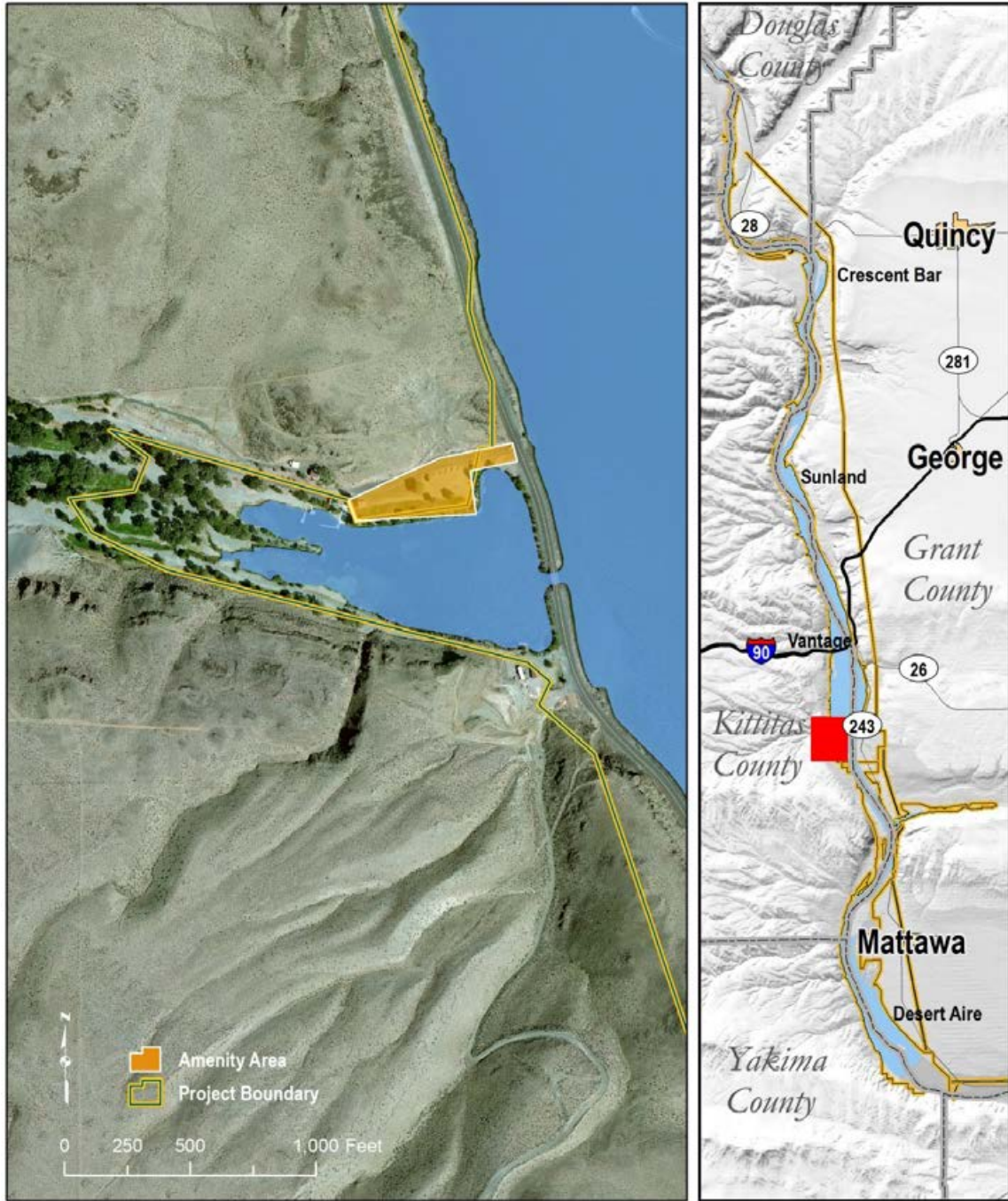


The Cove, formerly known as Getty's Cove, is a day-use park located on the right (west) bank of the Wanapum reservoir just north of Wanapum Dam. Its recent history includes being a worker camp during Wanapum Dam Construction, a private campground (Getty's Cove) and now a Grant PUD managed recreation site. Getty's Cove received extremely heavy use from Gorge Concert goers, resulting in mostly tramped bare ground and facilities used beyond their design expectations. Grant PUD purchased Getty's Cove Resort in 2009. The License did direct Grant PUD to acquire the site if it could be mutually agreed upon with the prior owner. FERC directed that the specific recreation facilities to be developed at The Cove would be determined as part of the planning process for the 2015 RRMP update. The site was opened to the public in 2012 for day-use, hand launching of water craft, and self-guided interpretive walks as an interim use until the FERC directed planning occurred.

A nesting pair of Bald eagles residing on the site has influenced the management of a portion of the site from April through mid-June.

There are no FERC approved (required) amenities or facilities for this site.

Vicinity Map – The Cove



Condition

The irrigation and domestic water systems are in need of renovation. The water system does not have adequate pressure due to deficiencies in the storage tank. The irrigation system needs renovation to eliminate pipe failures resulting in an undependable system. A consultant's report confirms the need to repair or replace these systems, with consideration for potential expansion. The report identifies the well, storage tank, and distribution systems as limiting factors current management and future use options.

A review by the Grant PUD Facilities department determined that the office facility and both residential structures are all in need of upgrades to the electrical systems to meet current code requirements.

All other facilities are structurally and functionally operating as intended, requiring only routine maintenance.



ADA Compliance

Turf, under conditions that allow it to meet the firm and stable requirements, can be considered an acceptable route of travel for accessibility, but at The Cove picnic area those requirements are not consistently met. The picnic area therefore lacks accessible routes to picnic tables and grills.

The hand launch lacks accessible parking, with a route of travel to the launch, and a means of boarding water craft for the physically challenged.

The site is served by an “accessible” portable toilet, which provides improved access but is not compliant with ADA guidelines. As a result resources have not been expended to make the route to the toilet fully accessible.

These issues will be addressed during future development of the site.

Natural Resource Condition – Recreation Impacts

The entire site is part of various developed recreation amenities, there are no access points or informal use areas, and therefore no natural resource condition assessment was completed at this site.

Future Plans

Various recreational use opportunities have been informally discussed for this site, including the addition of camping, group camping, and camper cabins, but no formal plans will be developed until the results of the RRMP update process has been completed. Development of the site will reflect the outcome of that effort.

Summary

Current use of The Cove provides a nice blend of low impact recreational use and natural resource conservation, pending the results of the data driven RRMP update.

Facilities Inventory - Data Sheet - The Cove

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		1	0	2	No
	Launch Lanes		1	0	2	No
	Launch Floats/Docks - linear ft.		0	0	N/A	N/A
	Launch Parking Stalls (car only)		0	0	N/A	N/A
	Launch Parking Stalls - car/trailer		0	0	N/A	N/A
	Boat Launch - Area (acres)		0.1	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		0	0	N/A	N/A
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		1	0	2	No
	Picnic Tables		10	0	1	No
	Fire grill (pedestal or pit)		6	0	1	No
	Picnicking Parking stalls		45	0	2	N/A
	Picnic Area - Area (acres)		16.9	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	2	No
	Picnicking Restrooms		0	0	N/A	N/A
	Picnicking Vault Toilets		0	0	N/A	N/A

Facilities Inventory - Data Sheet - The Cove

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

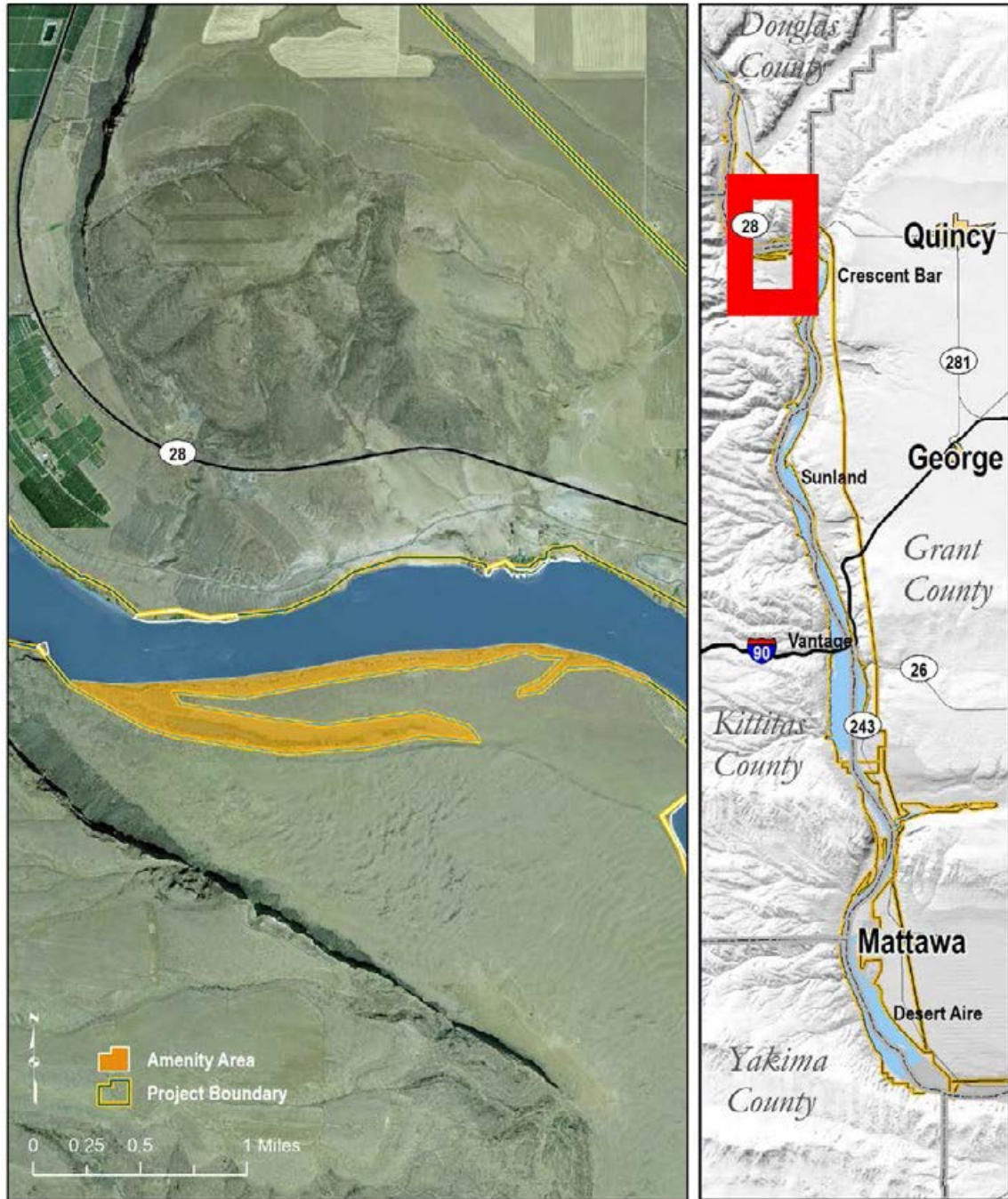
Upper West Bar

Upper West Bar is owned and managed by WDFW. The site is located on the right (south) bank of the Wanapum reservoir. The site runs from a point 8 miles downstream of Rock Island Dam, downstream for 2 ½ miles, almost to Crescent Bar. It receives light use by water fowl hunters.

The site is recorded on FERC Form 80 as a hunting amenity but is not a FERC approved (required) amenity.



Vicinity Map – Upper West Bar



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian Area

The riparian area is sparsely developed in this area. Trees have been impacted by wildlife such as deer and elk browsing on lower limbs, but no indication of impacts from recreational activity.

- Priority Habitat Areas

PHAs on this site include Clockum Elk/Deer Winter Range and West Bar Elk/Deer Concentrated Winter Range. There is no indication of impacts from recreational activities.

Future Plans

None at this time.

Summary

Most hunting taking takes place on the waters just offshore. The uplands continue to function as natural habitat with virtually no impact from recreationists.

Facilities Inventory - Data Sheet - Upper West Bar Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		266.2	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Hunting - Vault Toilets		0	0	N/A	N/A

Facilities Inventory - Data Sheet - Upper West Bar Wildlife

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campground	Number of Campgrounds	0	0	0	0
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Vantage Boat Launch



The main site amenities of the Vantage Boat Launch are a boat launch, an interpretive display, and a picnic area. These are FERC approved (required) amenities. Facilities supporting these amenities include; ADA compliant boat launch boarding floats, 9 picnic tables, asphalt parking, trash receptacles, and accessible routes for the physically challenged to all facilities

This site is used primarily for recreational boating and fishing access above Wanapum Dam. Being adjacent to the interstate, it also receives use as a traveler's rest stop and picnic area.

The site is located on the right (west) bank of the Wanapum reservoir, between the town of Vantage and Interstate 90.

The launch was originally developed by Kittitas County, under a land use agreement from Grant PUD, with the name Kittitas County Boat Launch. The site was renovated in 2015 to better meet current user needs. Grant PUD assumed the lead role for site operation at that time, with continued cooperative assistance from Kittitas County.

A portion of the recreation area is currently outside the Project boundary. At the time of this report, Grant PUD staff were preparing the required documents to request adjustment of the Project boundary, such that all required amenities would lie within that boundary.

By agreement with Kittitas County, the Sheriff's marine patrol building is located at this site to aid in rapid emergency response.

Vicinity Map – Vantage Boat Launch



Condition

The restroom was retained from the original development. It requires routine maintenance, but is structurally sound and functions as intended. All other facilities are like new.



ADA Compliance

All aspects for the facilities at this site are compliant with ADA standards.

Natural Resource Condition – Recreation Impacts

The site is fully developed, with no access points or informal use areas. No natural resource condition assessment was therefore performed at this site.

Future Plans

No additional development plans exist at this time, pending the completion of the RRMP update and any desired actions resulting from that process.

Summary

The site looks good and functions well.



Facilities Inventory - Data Sheet - Vantage Boat Launch

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	1	Yes
	Launch Lanes	2	0	1	Yes
	Launch Floats/Docks - linear ft.	160	0	1	Yes
	Launch Parking Stalls (car only)	2	0	1	Yes
	Launch Parking Stalls - car/trailer	50	0	1	Yes
	Boat Launch - Area (acres)	2.7	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	2	0	1	Yes
	Launch Restrooms	1	0	2	Yes
	Launch Vault Toilets	0	0	N/A	N/A
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0
Trails	Number of Trails	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0
Picnic Area	# of Picnic Areas	1	0	1	Yes
	Picnic Tables	9	0	1	Yes
	Fire grill (pedestal or pit)	0	0	N/A	N/A
	Picnicking Parking stalls	7	0	1	Yes
	Picnic Area - Area (acres)	1.2	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	1	0	1	Yes
	Picnicking Restrooms	0	0	N/A	N/A
	Picnicking Vault Toilets	0	0	N/A	N/A

Facilities Inventory - Data Sheet - Vantage Boat Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		1	0	1	Yes
	# Signage/Kiosk/Billboard/ Displays		4	0	1	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Wanapum Dam Lower Boat Launch



Wanapum Dam Lower Boat Launch is located downstream, adjacent to Wanapum dam, on the left (east) bank of the Priest Rapids reservoir. This is a FERC approved (required) amenity. The ramp was initially used for Project operations. It is currently used almost exclusively by fishers primarily during the various salmon seasons and somewhat during other game fish seasons. Use of the ramp can be very high during the relatively short periods of these seasons.

When the fish by-pass at Wanapum dam is operational, water conditions at this launch can be challenging.

Vicinity Map – Wanapum Dam Lower Boat Launch



Condition

Missing chunks of concrete and exposed rebar, in the linked concrete slabs forming the ramp, indicate that the ramp has nearly met its life expectancy. The boarding dock consists of a wooden walkway atop concrete stop-logs placed to grade. This creates a challenging situation during periods of rough water.



ADA Compliance

No portion of this amenity currently meets ADA standards.

Natural Resource Condition – Recreation Impacts

There are no critical natural areas associated with this amenity; therefore no monitoring or assessment occurred at this site.

Future Plans

A Project license requirement exists to redevelop and upgrade this ramp. The original deadline was December 31, 2015, but due to seismic studies and remediation underway for this segment of Wanapum dam, a license amendment will be requested to allow that seismic related work to be completed and the resulting modifications incorporated into the design of the launch ramp.

Summary

The need for improvement is recognized and will be addressed following the seismic stabilization project for Wanapum dam.

Facilities Inventory - Data Sheet - Wanapum Dam Lower Boat Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		1	0	3	No
	Launch Lanes		1	0	3	No
	Launch Floats/Docks - linear ft.		0	0	N/A	N/A
	Launch Parking Stalls (car only)		0	0	N/A	N/A
	Launch Parking Stalls - car/trailer		102	0	2	No
	Boat Launch - Area (acres)		3.1	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		4	0	2	Yes
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		0	0	N/A	N/A
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0

Facilities Inventory - Data Sheet - Wanapum Dam Lower Boat Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	N/A	N/A
	# Signage/Kiosk/Billboard/ Displays		3	0	2	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Wanapum Dam Upper Boat Launch



The Wanapum Dam Upper Boat Launch was a part of the initial Wanapum dam construction in 1966. It was originally added as a water access point for dam operations and later converted to a public use boat ramp. In 2013, the site was renovated to better meet the needs of the public.

The ramp is located on the left (east) bank of the Wanapum reservoir, at the dam.

In addition to the boat launch, amenities at the site include interpretive displays. These are FERC approved (required) amenities. Facilities supporting these amenities include: an ADA boarding float, gravel parking, an ADA vault toilet, trash receptacles, an interpretation & education kiosk, and accessible routes to all facilities.

Vicinity Map – Wanapum Dam Upper Boat Launch



Condition

The facilities are mostly in like new condition. The gravel access road requires periodic maintenance to prevent the “wash-board” surface that develops from becoming bad enough that it discourages use and creates the potential for damage to boats with heavy transom hung motors.

The site currently has an on-going challenge with wind driven waves depositing gravels on the ramp and causing structural stresses on boarding floats. Four of the six boarding floats have been temporarily removed to protect them from damage.

ADA Compliance

The site is fully in compliance with accessibility guidelines.

Natural Resource Condition – Recreation Impacts

The site is fully developed, with no access points or informal use areas. No natural resource condition assessment was therefore performed at this site.

Future Plans

Plans have been developed and permitting completed for the installation of a wave attenuator, which will break-up wave energy, preventing the gravel deposits and protecting the outer boarding floats. A construction schedule has not been developed.

Summary

The site functions well.

Facilities Inventory - Data Sheet - Wanapum Dam Upper Boat Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		1	0	2	Yes
	Launch Lanes		1	0	1	Yes
	Launch Floats/Docks - linear ft.		48	0	1	Yes
	Launch Parking Stalls (car only)		3	0	1	Yes
	Launch Parking Stalls - car/trailer		6	0	1	Yes
	Boat Launch - Area (acres)		1.4	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		2	0	1	Yes
	Launch Restrooms		0	0	N/A	N/A
	Launch Vault Toilets		1	0	1	Yes
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0

Facilities Inventory - Data Sheet - Wanapum Dam Upper Boat Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Interp Displays	Number of Interpretive Displays		1	0	1	Yes
	# Signage/Kiosk/Billboard/Displays		3	0	1	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Wanapum Dam Overlook



The Overlook is located on the left (east) bank of the Wanapum Reservoir, 0.3 miles east and approximately 200ft above Wanapum Dam.

Construction of Wanapum Dam was completed in 1963. In 1966, the first improvements were made to the “Vista Point” in fulfillment of requirements of the 1955 Priest Rapids Project license. The development included constructing a paved road and parking area, as well as the sun shade over the vista point.

Today FERC approved (required) amenities include, the overlook/vista, interpretive displays, and picnicking. Facilities supporting these amenities include; a bench and shade structure at the overlook, an ADA accessible vault toilet, parking, picnic tables, an interpretation & education kiosk and additionally (2) Ice Age Floods interpretive panels, and accessible routes to all facilities.

Vicinity Map – Wanapum Dam Overlook



The recreation site is completely within the Project boundary, which lies well to the east of the area shown in this map.

Condition

All developed facilities fall into either the “like new” or “only require routine maintenance” categories.

ADA Compliance

All facilities and connective routes of access are consistent with ADA accessibility standards.

Natural Resource Condition – Recreation Impacts

There are no critical natural resources within this site. No natural resource assessment was performed at this site.

Future Plans

None at this time

Summary

The site receives use for family picnics, viewing of the dam and the landscape associated with the site’s interpretive panels pertaining to the Great Missoula Ice Age Floods.



View from Overlook

Facilities Inventory - Data Sheet - Wanapum Dam Overlook

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		1	0	1	Yes
	Picnic Tables		3	0	1	Yes
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Picnicking Parking stalls		0	0	1	Yes
	Picnic Area - Area (acres)		0.1	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		1	0	1	Yes
	Picnicking Restrooms		0	0	N/A	N/A
	Picnicking Vault Toilets		0	0	N/A	N/A
Overlook / Vistas	Number of Overlooks		1	0	1	Yes
	Picnic Tables		0	0	N/A	N/A
	Fire grill (pedestal or pit)		0	0	N/A	N/A
	Overlook Parking stalls		17	0	2	Yes
	Overlook/Vista - Area (acres)		0.8	0	N/A	Yes
	Shade Structures		1	0	1	Yes
	Garbage Receptacles		1	0	1	Yes
	Overlook Restrooms		0	0	N/A	N/A
	Overlook Vault Toilets		1	0	2	Yes
Visitor Center	Number of Visitor Centers		0	0	0	0

Facilities Inventory - Data Sheet - Wanapum Dam Overlook

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Interp Displays	Number of Interpretive Displays		3	0	1	Yes
	# Signage/Kiosk/Billboard/ Displays		3	0	1	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Wanapum Dam Turbine Park



The Wanapum Dam Turbine Park is located at Wanapum dam, on the left (east) bank. It was originally constructed in 1965 during initial dam construction. Renovation of the park occurred in 2015 to better meet the public's recreational needs.

FERC approved (required) amenities for the site includes picnicking, interpretive displays, and (2) overlooks/vistas. Supporting facilities required at the site include; (10) picnic tables, (6) shade shelters (with a minimum of (5) ADA picnic tables within those shade structures), asphalt parking, ADA accessible restrooms, paths, trash receptacles, (6) interpretation & education, including panels on Ice Age Floods, the Wanapum dam fish bypass, and a turbine exhibit, a turbine display, and accessible routes to all facilities.

Vicinity Map – Wanapum Dam Turbine Park





Condition

All facilities are in like new condition.

ADA Compliance

All facilities and connecting routes are compliant with ADA guidelines.

Natural Resource Condition – Recreation Impacts

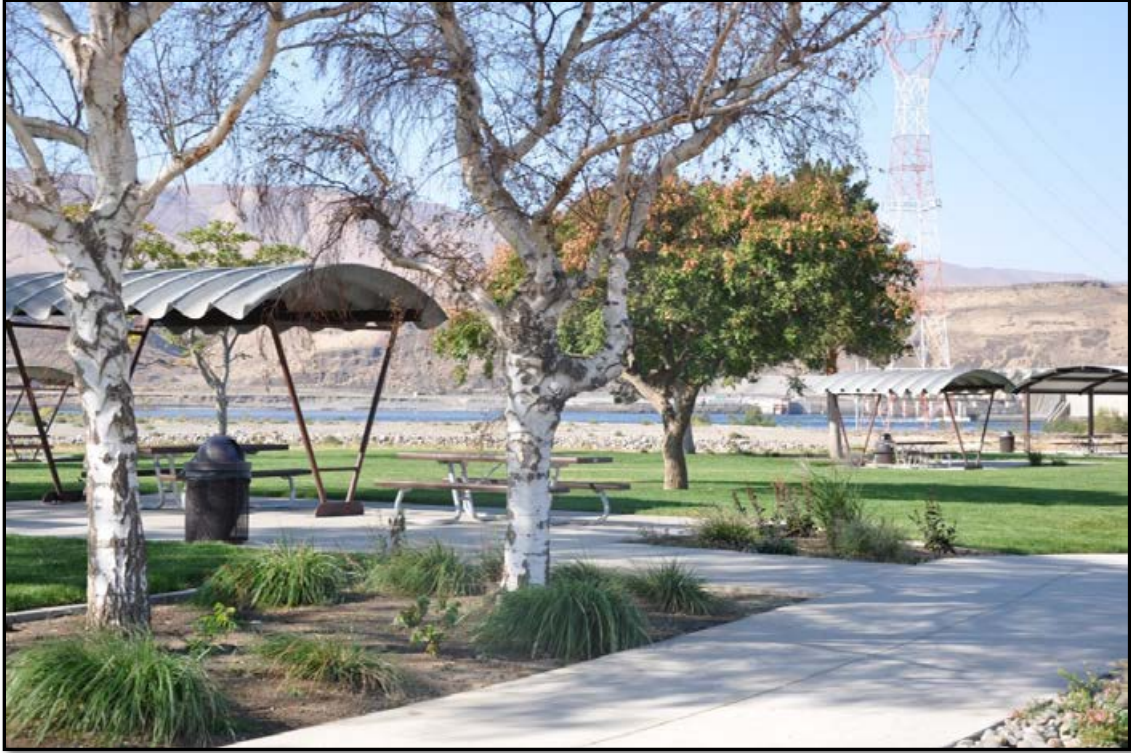
The entire site is developed. There are no access points or informal use areas, therefore no natural resource condition assessment was complete for this site.

Future Plans

The Wanapum Dam Visitor Center is a license required amenity of this site. The Visitor Center is located within the Wanapum Hydro Office Building, with displays under development at this time. The Visitor Center is scheduled to open prior to December 31, 2015. The displays focus on coordination and compromise needed when considering the needs of hydro-electric power generation, protection and enhancement of various fish species, and recreation.

Summary

All facilities function as they were intended.



Facilities Inventory - Data Sheet - Wanapum Dam Turbine Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		1	0	1	Yes
	Picnic Tables		14	0	1	Yes
	Fire grill (pedistal or pit)		0	0	N/A	N/A
	Picnicking Parking stalls		24	0	1	Yes
	Picnic Area - Area (acres)		2.3	0	N/A	N/A
	Shade Structures		6	0	1	Yes
	Garbage Receptacles		7	0	1	Yes
	Picnicking Restrooms		1	0	1	Yes
	Picnicking Vault Toilets		0	0	N/A	N/A
Overlook / Vistas	Number of Overlooks		2	0	1	Yes
	Picnic Tables		0	0	N/A	N/A
	Fire grill (pedistal or pit)		0	0	N/A	N/A
	Overlook Parking stalls		0	0	N/A	N/A
	Overlook/Vista - Area (acres)		0.1	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Overlook Restrooms		0	0	N/A	N/A
Overlook Vault Toilets		0	0	N/A	N/A	

Facilities Inventory - Data Sheet - Wanapum Dam Turbine Park

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Visitor Center	Number of Visitor Centers		0	0	0	0
	Visitor Center Parking stalls		0	0	0	0
Interp Displays	Number of Interpretive Displays		5	0	1	Yes
	# Signage/Kiosk/Billboard/ Displays		6	0	1	Yes
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Wanapum Recreation Area



The Wanapum Recreation Area is a unit of Ginkgo/Wanapum State Park, operated by Washington State Parks and Recreation Commission. Wanapum Recreation Area provides camping for RVs and tents, picnicking, swimming, and water craft launching. A portion of the boat launch, a portion of the picnic area, and the swim beach lie within the Project boundary.

Ginkgo Petrified Forest Interpretive Center, also a unit of Ginkgo/Wanapum State Park, is adjacent to the Project. Petrified wood was discovered in the region in the early 1930s, which led to creation of the park as a national historic preserve. Ginkgo Petrified Forest is a registered national natural landmark. It is regarded as one of the most unusual fossil forests in the world. Interpretive Center exhibits tell the geologic story of the Vantage Petrified Forest and display one of the most diverse petrified wood collections in North America.

The recreation area is located on the right (west) bank of the Wanapum reservoir, midway between the town of Vantage and the Wanapum dam.

The amenities within the Project boundary, a boat launch, picnicking, and swimming are recorded on FERC Form 80, but this is not a FERC approved (required) site. Other amenities adjacent to the Project include; a visitor center, a campground, and additional picnicking.

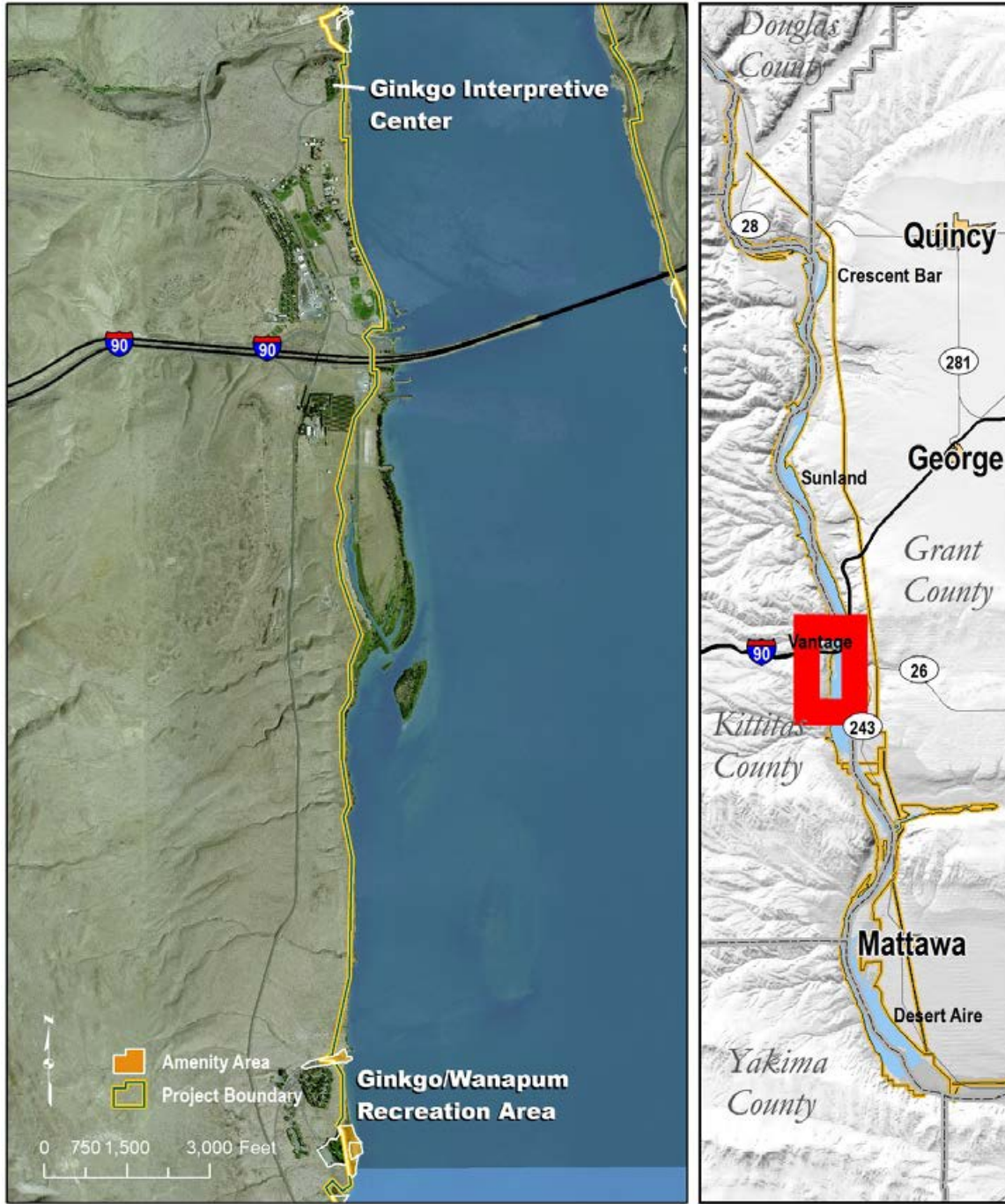
Facilities support these amenities inside the Project include; ADA boarding floats at the launch, picnic table and grills, paved parking, and an ADA restroom.

Supporting facilities adjacent to the Project include; (50) utility campsites with a table and fire pit at each, additional picnic tables, and (2) restrooms.

This is a highly developed turf based recreation area, with well-established ornamental shade trees. Spring and summer thermals create frequent strong winds at this site, that play a role in keeping it from becoming an even more popular destination recreation site than it is.



Vicinity Map – Ginkgo/Wanapum Recreation Area





Condition

All amenities within the Project function as intended with only routine maintenance required. An outdoor shower is the only facility within the Project that needed minor renovation.

ADA Compliance

The picnic area and swim beach are not accessible. Currently there is no accessible route of travel from the parking area, to the restroom, to the picnic area, or to the swim beach. The picnic area also lacks accessible table and grills.

Natural Resource Condition – Recreation Impacts

All natural vegetation is managed in conjunction with the developed adjacent recreation facilities. No access points or informal use areas exist within the recreation area; therefore no natural resource condition assessment was undertaken at this location.

Future Plans

A plan has been developed and funding received to develop a picnic shelter at the recreation area. This development will occur outside the Project, but is designed to provide universally accessible picnicking, including a route of travel from the parking area, with connection to the restroom.

At some future time, continuing that travel route from the restroom to the swim beach would be desirable.

Summary

The Wanapum Recreation Area compliments the recreation opportunity spectrum on the Project. Consistent with the recreation management objectives, the Project provides several primitive dispersed sites, mixed with a few vehicular accessible developed natural sites. Wanapum Recreation Area provides a site with an urban level of development, leaving Crescent Bar as the highly developed urban development on the Project.

Facilities Inventory - Data Sheet - Ginkgo-Wanapum State Park

FERC Identified Amenity Type		Wanapum Recreation Area				Ginkgo Petrified Forest Interpretive Center			
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	2	Yes	0	0	0	0
	Launch Lanes	2	0	1	N/A	0	0	0	0
	Launch Floats/Docks - linear ft.	160	0	2	Yes	0	0	0	0
	Launch Parking Stalls (car only)	2	0	1	No	0	0	0	0
	Launch Parking Stalls - car/trailer	4	78	1	Yes	0	0	0	0
	Boat Launch - Area (acres)	2.7	0	1	Yes	0	0	0	0
	Shade Structures	0	0	N/A	N/A	0	0	0	0
	Garbage Receptacles	3	0	2	No	0	0	0	0
	Launch Restrooms	1	0	2	Yes	0	0	0	0
	Launch Vault Toilets	0	0	N/A	N/A	0	0	0	0
Marina	Number of Marinas	0	0	0	0	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0	0	0	0	0
Swim Area	Number of swim areas	1	0	2	No	0	0	0	0
	Swim Area - Acres	1.3	0	N/A	N/A	0	0	0	0
	Swim Area Parking stalls	0	0	N/A	N/A	0	0	0	0
	Domestic Water	1	0	2	No	0	0	0	0
	Shade Structures	0	0	N/A	N/A	0	0	0	0
	Garbage Receptacles	0	0	N/A	N/A	0	0	0	0
	Swim Area Restrooms	0	0	N/A	N/A	0	0	0	0
	Swim Area Vault Toilets	0	0	N/A	N/A	0	0	0	0
Trails	Number of Trails	0	0	0	0	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0	0	0	0	0
Picnic Area	# of Picnic Areas	1	1	1	No	0	1	N/A	N/A
	Picnic Tables	38	19	1	No	0	7	N/A	N/A
	Fire grill (pedestal or pit)	10	1	1	No	0	2	N/A	N/A
	Picnicking Parking stalls	0	106	N/A	N/A	0	0	N/A	N/A
	Picnic Area - Area (acres)	3.44	4.28	1	No	0	1	N/A	N/A
	Shade Structures	0	0	N/A	N/A	0	0	N/A	N/A
	Garbage Receptacles	0	1	N/A	N/A	0	1	N/A	N/A
	Picnicking Restrooms	0	1	N/A	N/A	0	1	N/A	N/A
Picnicking Vault Toilets	0	0	N/A	N/A	0	0	N/A	N/A	
Overlook / Vistas	Number of Overlooks	0	0	0	0	0	0	0	0

Facilities Inventory - Data Sheet - Ginkgo-Wanapum State Park

FERC Identified Amenity Type		Ginkgo Petrified Forest									
		Wanapum Recreation Area				Interpretive Center					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant	Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant		
Visitor Center	Number of Visitor Centers	0	0	0	0	0	1	N/A	N/A		
	Visitor Center Parking stalls	0	0	0	0	0	47	N/A	N/A		
Interp Displays	Number of Interpretive Displays	0	2	2	Yes	0	0	N/A	N/A		
	# Signage/Kiosk/Billboard/Displays	4	7	2	Yes	0	1	2	Yes		
Hunting Area	Number of Hunting Areas	0	0	0	0	0	0	0	0		
Campground	Number of Campgrounds	0	1	N/A	N/A	0	0	0	0		
	Campground - Area (acres)	0	1	N/A	N/A	0	0	0	0		
	Shade Structures	0	0	N/A	N/A	0	0	0	0		
	Garbage Receptacles	0	4	N/A	N/A	0	0	0	0		
	RV Dump Station	0	1	N/A	N/A	0	0	0	0		
	Campground Additional Parking	0	0	N/A	N/A	0	0	0	0		
	Restrooms (flush toilets w/ showers)	0	2	N/A	N/A	0	0	0	0		
	Campground Restrooms (w/o showers)	0	0	N/A	N/A	0	0	0	0		
Campgrounds Vault Toilets	0	0	N/A	N/A	0	0	0	0			
Campsites	Campsites - w/utilities	0	50	N/A	N/A	0	0	0	0		
	Campsites - standard (flush toilet)	0	2	N/A	N/A	0	0	0	0		
	Campsites - Primitive (vault toilet)	0	0	N/A	N/A	0	0	0	0		
	Fire grill (pedestal or pit)	0	50	N/A	N/A	0	0	0	0		
	Picnic Tables	0	50	N/A	N/A	0	0	0	0		
	Tent Pad	0	0	N/A	N/A	0	0	0	0		
	Parking Stalls	0	100	N/A	N/A	0	0	0	0		
Group Camp	Number of Group Camps	0	0	0	0	0	0	0	0		
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0	0	0	0	0		
Informal Use Area	Number of Informal Use Areas	0	0	0	0	0	0	0	0		
Access Points	Number of Access Points	0	0	0	0	0	0	0	0		
Other	Other Area - Acres	0	0	0	0	0	0	0	0		

Whiskey Dick Wildlife



Whiskey Dick is an area owned and managed by WDFW within the Project boundary. It is utilized by the public as a hunting area accessed from the river. The site is recorded on FERC Form 80 as a hunting amenity but is not a FERC approved (required) amenity.

The site is located on the right (west) bank of the Wanapum reservoir, approximately 6 miles north of Interstate 90. This is about a mile north and across the river from Frenchman Coulee.

Vicinity Map – Whiskey Dick Wildlife Area



Condition

There are no built facilities at this site; therefore no condition assessment was performed.

ADA Compliance

As an undeveloped site, no accessibility features have been constructed. The site currently does not provide universal accessibility. This is in compliance with ADAAG standards.

Natural Resource Condition – Recreation Impacts

- Riparian

There is no recreational impact to the riparian area observed in 2014 high resolution aerial photographs, therefore no site assessment performed.

- Priority Habitat Areas

The site is included within the Quilomene Elk Winter Range, the Quilomene Deer Winter Range, and the Waterfowl Area priority habitats.

There is vehicle access to the site from outside the Project. Several wildlife trails exist on the site, as well as one more defined trail that potentially could be an informal recreation user defined trail. The informal trail originates from the roadway and therefore is not associated with Project recreation. The informal trail has minimally more impact than wildlife trails, with no bare soil areas beyond the trail itself. No further assessment was conducted.

Future Plans

None at this time.

Summary

This site functions as a dispersed amenity on the Project.



Facilities Inventory - Data Sheet - Whiskey Dick Wildlife

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches		0	0	0	0
Marina	Number of Marinas		0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses		0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms		0	0	0	0
Swim Area	Number of swim areas		0	0	0	0
Trails	Number of Trails		0	0	0	0
Active Recreation Area	Number of Active Recreation Areas		0	0	0	0
Picnic Area	# of Picnic Areas		0	0	0	0
Overlook / Vistas	Number of Overlooks		0	0	0	0
Visitor Center	Number of Visitor Centers		0	0	0	0
Interp Displays	Number of Interpretive Displays		0	0	0	0
	# Signage/Kiosk/Billboard/ Displays		0	0	0	0
Hunting Area	Number of Hunting Areas		1	0	N/A	N/A
	Hunting - Areas (acres)		11.5	0	N/A	N/A
	Hunting - Parking stalls		0	0	N/A	N/A
	Domestic Water		0	0	N/A	N/A
	Shade Structures		0	0	N/A	N/A
	Garbage Receptacles		0	0	N/A	N/A
	Hunting Blind		0	0	N/A	N/A
	Restrooms		0	0	N/A	N/A
	Hunting - Vault Toilets		0	0	N/A	N/A
Campground	Number of Campgrounds		0	0	0	0

Facilities Inventory - Data Sheet - Whiskey Dick Wildlife

FERC Identified Amenity Type					
		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Campsites	Campsites - w/utilities	0	0	0	0
	Campsites - standard (flush toilet)	0	0	0	0
	Campsites - Primitive (vault toilet)	0	0	0	0
Group Camp	Number of Group Camps	0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas	0	0	0	0
Informal Use Area	Number of Informal Use Areas	0	0	0	0
Access Points	Number of Access Points	0	0	0	0
Other	Other Area - Acres	0	0	0	0

Yo Yo Rock Boat Launch



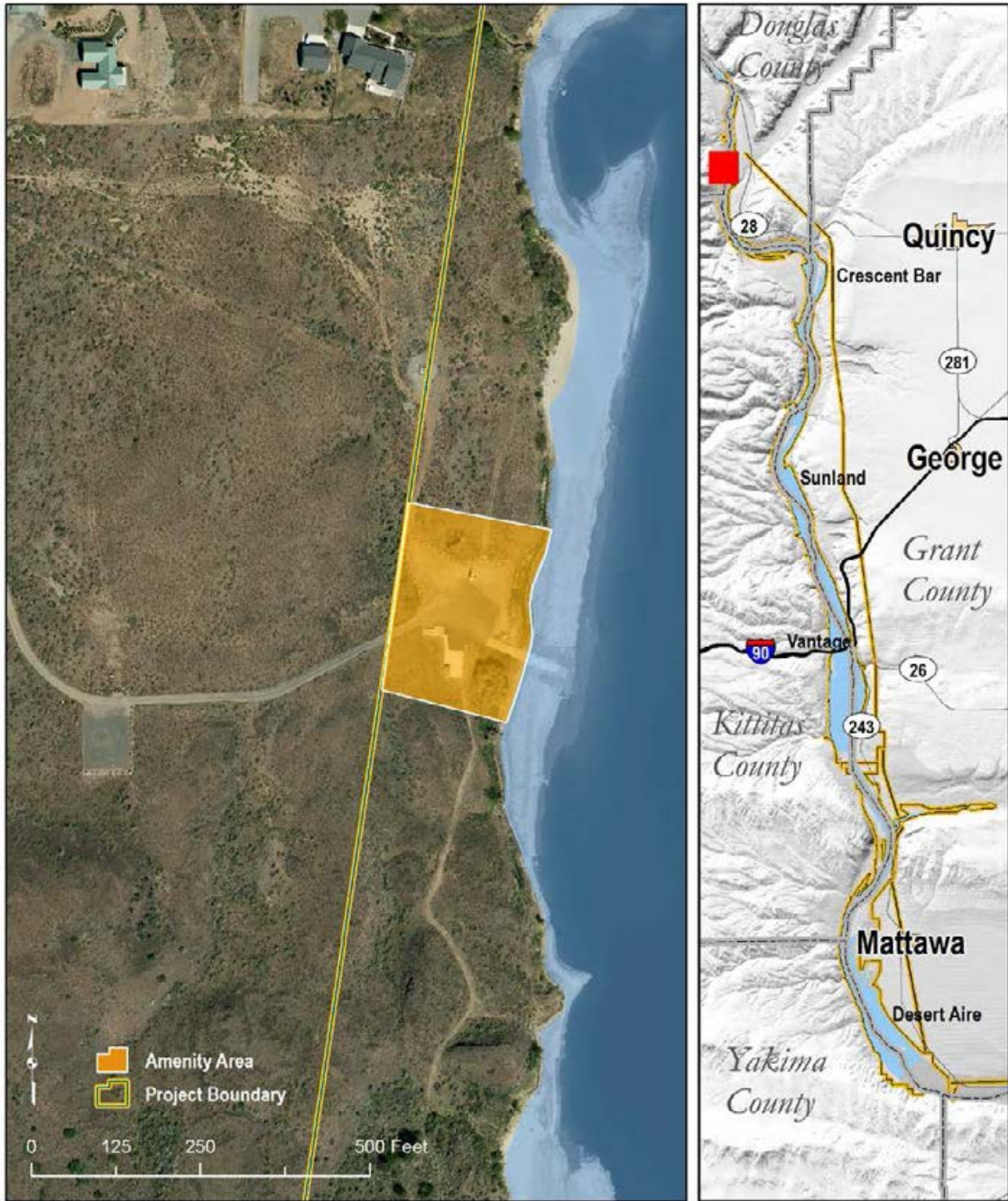
Yo Yo Rock Boat Launch is owned and operated by Washington Department of Fish and Wildlife. The site is located on the right (west) bank of the Wanapum reservoir approximately five miles below Rock Island Dam. The launch provides water access to boaters fishing upper Wanapum reservoir and the Rock Island tailrace, as well as water fowl hunters using this area.

The launch is reported as an amenity within the Project on FERC Form 80, but the site is not a FERC approved (required) amenity. Facilities at the site include the launch ramp, an ADA vault toilet, paved parking, an upland watercraft loading ramp to assist those with physical disabilities to access a vessel prior to it being launched, at sites that do not have boarding floats, and ADA accessible routes to all facilities.

Condition

The site was renovated in 2012 with all facilities being in like-new condition.

Vicinity Map – Yo Yo Rock Boat Launch



ADA Compliance

The site is fully ADA compliant.

Natural Resource Condition – Recreation Impacts

All native vegetation is managed in conjunction with the developed site. There are no undeveloped access points, informal use areas, or hunting areas at this site. No natural resource condition assessment was therefore conducted.

Future Plans

None at this time.

Summary

The facilities at Yo Yo Rock are fully functional and meet their intended use.



Facilities Inventory - Data Sheet - Yo Yo Rock Boat Launch

FERC Identified Amenity Type		Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Boat Launch	Number of launches	1	0	1	Yes
	Launch Lanes	1	0	1	Yes
	Launch Floats/Docks - linear ft.	0	0	N/A	N/A
	Launch Parking Stalls (car only)	1	0	1	Yes
	Launch Parking Stalls - car/trailer	11	0	1	Yes
	Boat Launch - Area (acres)	1.3	0	N/A	N/A
	Shade Structures	0	0	N/A	N/A
	Garbage Receptacles	0	0	N/A	N/A
	Launch Restrooms	0	0	N/A	N/A
	Launch Vault Toilets	1	0	1	Yes
Marina	Number of Marinas	0	0	0	0
Tailwater Fishing	Number of Tailwater Fishing Accesses	0	0	0	0
Reservoir Fishing	Number of Reservoir Fishing Platforms	0	0	0	0
Swim Area	Number of swim areas	0	0	0	0
Trails	Number of Trails	0	0	0	0
Active Recreation Area	Number of Active Recreation Areas	0	0	0	0
Picnic Area	# of Picnic Areas	0	0	0	0
Overlook / Vistas	Number of Overlooks	0	0	0	0
Visitor Center	Number of Visitor Centers	0	0	0	0
Interp Displays	Number of Interpretive Displays	0	0	0	0
	# Signage/Kiosk/Billboard/ Displays	0	0	0	0

Facilities Inventory - Data Sheet - Yo Yo Rock Boat Launch

FERC Identified Amenity Type			Inventory Inside PRP Boundary	Inventory Outside PRP Boundary	Condition	ADA Compliant
Hunting Area	Number of Hunting Areas		0	0	0	0
Campground	Number of Campgrounds		0	0	0	0
Campsites	Campsites - w/utilities		0	0	0	0
	Campsites - standard (flush toilet)		0	0	0	0
	Campsites - Primitive (vault toilet)		0	0	0	0
Group Camp	Number of Group Camps		0	0	0	0
Dispersed Camping Areas	Number of Dispersed Camping Areas		0	0	0	0
Informal Use Area	Number of Informal Use Areas		0	0	0	0
Access Points	Number of Access Points		0	0	0	0
Other	Other Area - Acres		0	0	0	0

Appendix C
Facility Condition Assessment & ADA Compliance Summary

Assessment Summary

Site	River Segment	Launches	Marinas	Talwater fishing accesses	Reservoir Fishing Platforms	Swim areas	Trails	Active recreation areas	Picnic Areas	Overlooks	Visitor Centers	Interpretive Displays	Hunting Areas	Campgrounds	Group Camps	Dispersed Camping Areas	Informal Use Areas	Access Points	Other Area	
Beverly Sand Dunes ORV Park	F																			
Condition		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	N/A	
ADA Compliant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	No	0	0	N/A	
Buckshot Recreation Area	G																			
Condition		1	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	0	0
ADA Compliant		No	0	0	0	0	0	0	0	0	0	Yes	Yes	0	0	No	0	0	0	0
Burkett Lake Recreation Area	F																			
Condition		0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	2	0
ADA Compliant		0	0	0	0	0	Yes	0	0	Yes	0	Yes	0	0	0	0	0	0	No	0
CBRA Off-Is.	B																			
Condition		4	3	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
ADA Compliant		No	No	0	0	0	0	0	0	0	0	0	0	No	0	0	0	0	0	0
CBRA On-Is.	B																			
Condition		2	0	0	0	0	0	3	2	0	0	0	0	0	0	0	N/A	0	0	0
ADA Compliant		No	0	0	0	0	0	No	No	0	0	0	0	0	0	0	N/A	0	0	0
Frenchman Coulee Recreation Area	D																			
Condition		1	0	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0
ADA Compliant		Yes	0	0	0	0	Yes	0	Yes	0	0	Yes	0	0	0	0	0	0	0	0
Huntzinger Road Boat Launch	F																			
Condition		1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ADA Compliant		Yes	0	0	0	0	0	0	0	0	0	Yes	0	0	0	0	0	0	0	0
Huntzinger Road Fishing Access Site	E																			
Condition		0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ADA Compliant		0	0	0	Yes	0	0	0	0	0	0	Yes	0	0	0	0	0	0	0	0
Jackson Creek Fish Camp	G																			
Condition		0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
ADA Compliant		0	0	Yes	0	0	0	0	0	0	0	Yes	0	0	0	0	0	0	0	0
Condition		0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
ADA Compliant		0	0	Yes	0	0	0	0	0	0	0	Yes	0	Yes	0	0	0	0	0	0

Assessment Summary

Site	River Segment	Launches	Marnas	Tailwater fishing accesses	Reservoir Fishing Platforms	Swim areas	Trails	Active recreation areas	Picnic Areas	Overlooks	Visitor Centers	Interpretive Displays	Hunting Areas	Campgrounds	Group Camps	Dispersed Camping Areas	Informal Use Areas	Access Points	Other Area
PRRA	G																		
	Condition	1	0	0	0	2	2	0	N/A	0	0	1	0	1	0	0	0	0	0
	ADA Compliant	Yes	0	0	0	Yes	Yes	0	No	0	0	Yes	0	No	0	0	0	0	0
Priest Rapids Water Trail	G																		
	Condition	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	ADA Compliant	Yes	0	0	0	0	0	0	0	0	0	Yes	0	0	0	0	0	0	0
Rattlesnake Cove	C																		
	Condition	0	0	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0
	ADA Compliant	0	0	0	0	Yes	0	0	Yes	0	0	Yes	0	0	0	0	0	0	0
Riverstone Resort	D																		
	Condition	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
	ADA Compliant	0	No	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No	0
Rocky Coulee	D																		
	Condition	2	0	0	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0
	ADA Compliant	Yes	0	0	0	0	0	0	Yes	Yes	0	Yes	0	Yes	0	0	0	0	0
Sand Hollow	E																		
	Condition	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ADA Compliant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunland Boat Launch	C																		
	Condition	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ADA Compliant	No	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunland Estates Park	C																		
	Condition	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	ADA Compliant	0	0	0	0	0	0	0	No	0	0	0	0	0	0	0	0	0	0
The Cove	E																		
	Condition	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	ADA Compliant	No	0	0	0	0	0	0	No	0	0	0	0	0	0	0	0	0	0

Assessment Summary

Site	River Segment	Launches	Marnas	Tailwater fishing accesses	Reservoir Fishing Platforms	Swim areas	Trails	Active recreation areas	Picnic Areas	Overlooks	Visitor Centers	Interpretive Displays	Hunting Areas	Campgrounds	Group Camps	Dispersed Camping Areas	Informal Use Areas	Access Points	Other Area
Vantage Boat Launch	D	1							1			1							
	Condition	Yes							Yes			Yes							
Wanapum Heritage Center	G																		
	Condition																		
Wanapum Dam Lower Boat Launch	F																		
	Condition	3										N/A							
	ADA Compliant	No										N/A							
Wanapum Dam Overlook	E																		
	Condition								1	1		1							
	ADA Compliant								Yes	Yes		Yes							
Wanapum Dam Picnic Area	F																		
	Condition									1									
	ADA Compliant								Yes	Yes									
Wanapum Dam Upper Boat Launch	E																		
	Condition	2																	
	ADA Compliant	Yes										1							
Wanapum Dam Visitor Center	F																		
	Condition										1								
	ADA Compliant										Yes								
Wanapum Recreation Area (WSP)	E																		
	Condition																		
	ADA Compliant										Yes	0							
Yo Yo Rock Boat Launch	A																		
	Condition	2				2			1			2							
	ADA Compliant	Yes				No			No			Yes					N/A		
	Condition	1																	
	ADA Compliant	Yes																	

Appendix D
Recreational Impact to Critical Natural Resources

Natural Resource Monitoring – Priority Habitat Areas and Riparian Areas

Evaluation of recreation impacts at Access Points, Hunting Areas, and Informal Use Areas. These are dispersed sites, with no formal development, and lower levels of management activity due to low visitation.

Site / Amenity	Priority Habitat	Type of Site Evaluation Conducted	Findings of Impact
A6 Memorial / Informal Use Area	1) Colockum Elk Winter Range, 2) Wanapum Water Fowl	Photo interpretation – rocky site, few forbes, no visible impacts	None
Airstrip / Informal Use Area	Wanapum Water Fowl Area	Photo interpretation – aquatic critical area, no visible impacts	None
Apricot Orchard / Access Point & Hunting Area	Wanapum Water Fowl Area	Photo interpretation and site visit	<u>PHA</u> – aquatic PHA, no impacts <u>Riparian</u> – overstory/understory modified on 0.10% of site length, 0.09% of site area <u>Recreation erosion</u> MIC 1) 7”d x 60”w, MIC 2) 24”d, 1361 sq. ft., MIC 3) 13”d x 133”
Black Sands Beach / Informal Use Area	Loon Habitat	Photo interpretation and site visit	<u>PHA</u> – aquatic PHA, no impacts <u>Riparian</u> – no impacts <u>Recreation erosion</u> – MIC 4”d x 36”w, 8”d x 42”w
Buckshot Recreation Area / Hunting Area	1) Buckshot Waterfowl Concentration 2) Mattawa West – Shrub-Steppe 3) Priest Rapids Pool – Wintering Bald Eagle Perching 4) Lower Crab Creek – Ring Neck Pheasant	Photo interpretation and site visit	<u>PHA</u> - Onsite assessment found less intrusion than shown in 2014 high resolution aerial photo. <u>Riparian</u> - No impacts to riparian beyond that of beaver/muskrat. Shrub-steppe recovery is occurring in reclaimed parking area. A single informal trail follows shoreline south, just outside riparian zone.

Site / Amenity	Priority Habitat	Type of Site Evaluation Conducted	Finding of Impact
Burkett Lake / Access Point	Lower Crab Creek – marsh areas dominated with cattails and bulrush provided quality habitat for upland game, waterfowl, furbearers and nongame	Photo interpretation and site visit	<u>PHA</u> - no visible impacts to marsh areas
Cayuse Creek / Hunting Area	Quilmene Elk/Deer winter range.	Photo interpretation	<u>PHA</u> - numerous wildlife/grazing trails on the site. A road does access the site from outside the Project but there is no indication of recreational use impacts. <u>Riparian</u> - No impact to the riparian zone was observed in 2014 high resolution aerial photography.
Crescent Bar Rec Area On-Island / Informal Use Area	Columbia River Sand Rollers (fish)	Photo interpretation.	<u>PHA</u> - Aquatic critical area, no impact.
Columbia Cliffs / Informal Use Area	None	Photo interpretation	None
Columbia Siding / Access Point	None	Photo interpretation & site visit	<u>Riparian</u> – overstory/understory modified on 0.19% of site length, 0.09% of site area <u>Recreation erosion</u> – MIC 7”d x 60”w
Crab Creek Park / Access Point	None	Photo interpretation & site visit	<u>Riparian</u> – Trampled bare ground on 2004 sq. ft., 0.70% of site area <u>Recreational erosion</u> – MIC 6”d x 40”w
Goose Island / Hunting Area	Priest Rapids Pool – Wintering Bald Eagle Perching	Photo interpretation & site visit	<u>PHA</u> – No impact observed <u>Riparian</u> – No impact observed

Site Amenity	Priority Habitat	Type of Site Evaluation Conducted	Findings of Impact
Haystack Rocks / Access Point	Not a priority habitat site. Interest in complex patterns of vegetation produced by dunes climbing into varying terrain with gray rabbitbrush, big sagebrush, antelope bitterbrush, snow buckwheat, and Indian ricegrass	Photo interpretation & site visit	<u>Riparian</u> – Trampled bare ground that has resulted in an opening in overstory and understory on 131.4 sq. ft., 1.06% of riparian area.
Lower West Bar / Informal Use Area	1) Colockum Elk Winter Range, 2) Colockum Deer Winter Range	Photo interpretation	<u>PHA</u> - Bare soil area, historically a ferry landing. Still used for management activities by WDFW. Bare soil associated with end of road, therefore likely from management activity not recreational. 2,698 sq. ft. impact bare soil, 0.14% of site.
McCumber Beach / Informal Use Area	Lower Babcock Bench, Striped Whipsnake present	Photo interpretation and site visit	<u>PHA</u> - 1,004 sq. ft. recreation related bare soil in PHA. 2.03% of site.
Priest Rapids Tailrace / Access Poin	Not a priority habitat area, 1) Priest Rapids Dunes – shrub dominated sand plains with big sagebrush, gray and green rabbitbrush, antelope bitterbrush, snow buckwheat, rock buckwheat, and Indian ricegrass, 2) Vernita Dunes – unique sand dune/Indian ricegrass community (common name – shrub-steppe)	Photo interpretation	<u>PHA</u> – not present, therefore no impact <u>Riparian</u> – not present <u>Erosion</u> - Bare soil – 22,000+ sq. ft. due to unmanaged vehicular travel (not inclusive of two track roadway), 0.18% of site

Site / Amenity	Priority Habitat	Type of Site Evaluation Conducted	Findings of Impact
Priest Rapids Wildlife Area / Hunting Area	Mattawa West – shrub-steppe Buckshot – goose pasturing	Photo interpretation	<u>PHA</u> - Poor shrub-step, 22 plants/1000 sq. ft. (>12”) typical, some natural restoration w/ 73 plants/1000 sq. ft. Several 2 track roads associated with managerial/agricultural activities. No apparent association of PHA quality with recreational uses. <u>Riparian</u> - No impacts to riparian.
Quilomene Bar / Hunting Area	Clockum Elk/Deer Winter Range. West Bar Elk/Deer Winter Range. Quilomene – California Big Horn Sheep	Photo interpretation	No indications of recreational activity.
Quilomene Dune & Bay / Informal Use Area	Wanapum Water Fowl Area	Photo interpretation & site visit	<u>PHA</u> – aquatic, no impact Recreational erosion – MIC 48” d x 276”w
Quincy Wildlife Area / Access Point	Wanapum Water Fowl Area	Photo interpretation & site visit	<u>PHA</u> – aquatic, no impact Riparian – no impact Recreational erosion – MIC 1) 12”d x 84”w, 2) 6”d x 72”w
Riverstone Resort / Access Point	Wanapum Water Fowl Area	Photo interpretation & site visit	<u>PHA</u> – aquatic, no impact
Sand Hollow Rec Area / Informal Use Area	Sand Hollow Beach Front – Waterfowl nesting	Photo interpretation & site visit	<u>PHA</u> – No impact Recreational erosion - bare soil on 3.23% of site, all outside PHA. Continued monitoring desirable. If foot path becomes an alternate course for irrigation run-off channel, PHA wetlands could be negatively modified.

Site Amenity	Priority Habitat	Type of Site Evaluation Conducted	Findings of Impact
Sand Hollow – North / Access Point	1) Wanapum Water Fowl Area, 2) Evergreen Ridge Babcock Ridge - Chukars	Photo interpretation	<u>PHA</u> - Very little evidence of recreational activity w/i the Project boundary. The area is wind scoured rock, supporting no vegetation.
Sentinel Gap / Access Point	Bald Eagle – winter roosts	Photo interpretation	<u>PHA/Riparian</u> - Three impact sites identified. Total impact PHA/riparian area is 0.35% of the lineal plane of the riparian area, or 0.12% of the site.
Sunland Estate / Access Point	Wanapum Water Fowl Area	No – Within a Public Recreation Development Plan area	
Tarpiscan Creek / Hunting Area	Clockum Elk/Deer Winter Range West Bar Elk/Deer Concentrated Winter Range Quilomene – Big Horn Sheep	Photo interpretation	<u>PHA</u> - No indication of recreational activity.
Upper West Bar / Informal Use Area	Clockum Elk/Deer Winter Range West Bar Elk/Deer Concentrated Winter Range	Photo interpretation	<u>PHA</u> - No indication of recreational activity.
Whiskey Dick / Hunting Area	Wanapum Water Fowl Quilomene Elk/Deer Winter Range Quilomene – California Big Horn Sheep	Photo interpretation	<u>PHA</u> - There is vehicle access to the site from outside the Project. Several wildlife trails exist on the site, as well as one more defined trail that potentially could be an informal recreation user defined trail. The informal trail originates from the roadway and therefore is not associated with Project recreation. The informal trail has minimally more impact than wildlife trails, with no bare soil areas beyond the trail itself. <u>Riparian</u> - No impact to riparian.

Appendix E
FERC Form 80

**Licensed Hydropower Development
Recreation Report**

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 (18CFR 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> 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 oina_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.

Schedule 1. General Data

1. Licensee Name: _____		Complete the following for each development if more than one.	
2. Project Name: _____		8. Reservoir Surface Area at Normal Pool (acres): _____	
3. Project Number: _____		9. Shoreline Miles at Normal Pool: _____	
4. Development Name: _____		10. Percent of Shoreline Available for Public Use: _____	
States Development/Project Traverses (List state with largest area within the development/project boundary first):		11. Data Collection Methods (enter percent for each method used; total must equal 100%):	
5. State #1: _____		_____ traffic count/trail count	
6. State #2: _____		_____ attendance records	
7. Type of Project License: Major _____		_____ staff observation	
(check one) Minor _____		_____ 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.			
Item	Licensee's Annual Recreation Costs and Revenues (In Whole Dollars)		
	Construction, Operation and Maintenance Costs		Recreation Revenues for Calendar Year
12. Dollar Values			
13. Length of Recreation Season: Summer: From (MM/DD) _____ To _____ Winter: From (MM/DD) _____ To _____			
Period	Number of visits to all recreational areas at development/project (in Recreation Days)		
	Annual Total		Peak Weekend Average (see Glossary)
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.

Licensed Hydropower Development Recreation Report

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 excess capacity for an amenity type, enter the appropriate percentage above 100).

Recreation Amenity Type (a)	Number of Recreation Amenities			Total Units (e)	Capacity Utilization (%) (f)
	User Free (b)	User Fee (c)	FERC Approved (d)		
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.				Lanes	
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).				N/A	
Whitewater Boating. Put-ins/Take-outs specifically designated for whitewater access.				N/A	
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).				Feet	
Tailwater Fishing. Platforms, walkways, or similar structures to facilitate below dam fishing.				N/A	
Reservoir Fishing. Platforms, walkways, or similar structures to facilitate fishing in the reservoir pool or feeder streams.				N/A	
Swim Areas. Sites providing swimming facilities (bath houses, designated swim areas, parking and sanitation facilities).				Acres	
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 (excludes portages, paths or accessible routes; See Glossary).				Miles	
Active Recreation Areas. Playground equipment, game courts/fields, golf/disc golf courses, jogging tracks, etc.				Acres	
Picnic Areas. Locations containing one or more picnic sites (each of which may include tables, grills, trash cans, and parking).				Sites	
Overlooks/Vistas. Sites established to view scenery, wildlife, cultural resources, project features, or landscapes.				Acres	
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.				N/A	
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.				N/A	N/A
Hunting Areas. Lands open to the general public for hunting.				Acres	
Winter Areas. Locations providing opportunities for skiing, shedding, curling, ice skating, or other winter activities.				Acres	
Campgrounds. Hardened areas developed to cluster campers (may include sites for tents, trailers, recreational vehicles [RV], yurts, cabins, or a combination, but excludes group camps).				Acres	N/A
Campsites. Sites for tents, trailers, recreational vehicles [RV], yurts, cabins, or a combination of temporary uses.				N/A	
Cottage Sites. Permanent, all-weather, buildings rented for short-term use, by the public, for recreational purposes.				N/A	
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).				Sites	
Dispersed Camping Areas. Places visitors are allowed to camp outside of a developed campground (enter number of sites in column e).				Sites	
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).				N/A	
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).