

## ENVIRONMENTAL CHECKLIST

### ***Purpose of Checklist:***

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

### ***Instructions for Applicants:***

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

### ***Use of checklist for non-project proposals:***

Complete this checklist for non-project proposals, even though questions may be answered "does not apply". IN ADDITION, complete the SUPPLEMENT SHEET FOR NON-PROJECT ACTIONS (part D).

For non-project actions, the references in the checklist to the words "project", "applicant" and "property or site" should be read as "proposal", "proposer" and "affected geographic area" respectively.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR  
AGENCY USE ONLY

#### **A. BACKGROUND**

**1. Name of proposed project, if applicable:**

Jameson Lake Access Redevelopment

**2. Name of applicant:**

Washington Department of Fish and Wildlife

**3. Address and phone number of applicant and contact person:**

John Hansen

State of Washington

Department of Fish and Wildlife

600 Capitol Way N

Olympia, WA 98501-1091 (360) 902-8386

**4. Date checklist prepared:**  
December 3, 2008

**5. Agency requesting checklist:**

Washington Department of Fish and Wildlife

**6. Proposed timing or schedule (including phasing, if applicable):**

Phase I construction depending upon funding. Phase 2 construction depending upon funding

**7. Do you have any plans for future additions, expansion, or further activity related to or connected with the proposal? If yes, explain.**

No. The project will be constructed in two phases depending on funding.

**8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

No Effect letter for comply with the Endangered Species Act (Casne Biological Services LLC)

Cultural and Historic Resources survey and report (Landau Associates)

Geotechnical report (Landau Associates)

**9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.**

None

**10. List any government approvals or permits that will be needed for your proposal, if known.**

HPA from WDFW

Corps 404 permit

Douglas County Shorelines Substantial Development permit and exemption

**11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description).**

Jameson Lake Access Redevelopment project includes 2 new precast concrete boat ramps, 2 ADA fishing piers, ADA parking stalls, upland access road improvements, new loop roads paved with crushed rock, and improvements to manage vehicular and pedestrian traffic (gates, bollards, rocks).

**12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township and range, if known. If a proposal**

would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project is located on the south west end of Jameson Lake in Section 12, Township 25 North, Range 25 East. The Jameson Lake Access Road is accessed off Highway 2 approximately 30 miles east of Wenatchee.

## B. ENVIRONMENTAL ELEMENTS

### 1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other generally flat, arid, with some steep slopes

b. What is the steepest slope on the site (approximate percent slope)?  
Up to 100 percent

c. What general types of soils are found on the site (for example: clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

According to the Landau Associates geotechnical report, the majority of the soil in the project area has been identified as Strat-Tubsping-Delrio complex. The soil profile ranges from a cobbly ashy sandy loam to a fine sandy loam to very gravelly coarse sand. These soils have been derived from loess, volcanic ash and glacial outwash and can be found in plateaus, side slope and interfluvial land forms. A portion of the project area on the west side has soil that has been identified as Rubble land-Rock outcrop complex. The stratigraphic profile of this complex consists of fragmental material over lithic bedrock.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are indications of localized areas of unstable soils in the immediate vicinity that are a result of erosion; however, the project includes providing erosion control measures and bank stabilization/erosion protection in these areas of the project site.

e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate source of fill.

The existing subgrade and paving material will be reused to eliminate the need to truck in new subgrade material for roadway improvements.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion (stormwater runoff) could occur during a summer rainstorm event.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

There will be no new impervious surfaces. The project includes redevelopment of existing roadways and loops.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Temporary erosion and sediment control measures will be required by the permitting agencies.

## 2. Air

- a. What types of emissions to the air would result from the proposal (i.e.: dust, automobile odors, industrial wood smoke) during construction and when the project is completed? If any, describe and give approximate quantities if known.

Dust and equipment exhaust during construction. These would likely be less than when the park is full of recreational vehicles, campers with generators, etc. None after construction.

- b. Are there any off-site sources of emissions or odor that may affect your proposal?  
If so, generally describe.

No

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Dust will be controlled by watering down the area during construction, according to local requirements.

## 3. Water

- a. Surface

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Jameson Lake, a 500 acre lake that provides recreational and fishing opportunities.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Two 16-foot wide precast concrete boat ramps, a 30-foot wide by 25-foot long ADA fishing pier, and a 30-foot wide by 15-foot long ADA fishing pier. Up to 120-feet of ecology block will be placed for shoreline protection between the two boat ramps. Four ADA parking stalls will be established near the fishing piers.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose and approximate quantities if known.

No

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose and approximate quantities if known.

NO

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals...., agricultural: etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Presently, stormwater sheet flows off the existing parking and camping areas into Jameson Lake. Jute matting, new culverts, and plantings will be designed to reduce stormwater runoff into Jameson Lake.

2) Could waste materials enter ground or surface waters? If so, generally describe.

No

4. **Plants**

a. Check or circle types of vegetation found on the site:

- deciduous tree: alder, maple, aspen, other
- evergreen tree: fir, cedar, pine, other
- shrubs
- grass
- pasture
- crop or grain
- wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
- water plants: water lily, eelgrass, mil foil, other
- other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

None

c. List threatened or endangered species known to be on or near the site.

None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.

A seed mix of native grasses will be used to control erosion from stormwater runoff.

**5. Animals**

a. Circle any birds and animals which has been observed on or near the site or are known to be on or near the site:

Birds: hawk, heron, eagle, songbirds, other: hawks, diving ducks

Mammals: deer, bear, elk, beaver, other: mule deer

Fish: bass, salmon, trout, herring, shellfish, other: rainbow trout

b. List any threatened or endangered species known to be on or near the site.

Pygmy rabbit, Columbia Basin Distinct Population Segment (DPS) and bull trout, Columbia River DPS are listed in Douglas County. Neither is present on or near the site. A No Effect letter was prepared.

c. Is the site part of a migration route? If so, explain.

Migratory water fowl use Jameson Lake.

d. Proposed measures to preserve or enhance wildlife, if any:

None. The project is redevelopment of an existing site.

**6. Energy and Natural Resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

None

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None

**7. Environmental Health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

No

1) Describe special emergency services that might be required.

None

2) Proposed measures to reduce or control environmental health hazards, if any:

None necessary

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, aircraft, other)?

Campers with recreational vehicles and generators

2) What types and levels of noise could be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Short term construction noise. The highest decibels will be from a pile driver that will be used to drive up to six 12-inch steel piles to support the ADA fishing piers.

3) Proposed measures to reduce or control noise impacts, if any:

None

**8. Land and Shoreline Use**

a. What is the current use of the site and adjacent properties?

The site is currently use as access to Jamison Lake. This includes RV camping, boat launching, and fishing. Theses activities occur between the last Saturday in April to July 4 and from Oct. 1 to Oct 30.

b. Has the site been used for agriculture? If so, describe.

No

c. Describe any structures on the site.

Seven existing toilet facilities.

d. Will any structure be demolished? If so, what?

No

e. What is the current zoning classification of the site?

Rural resource 20 (RR20)

f. What is the current comprehensive plan designation of the site?

Rural resource 20 (RR 20)

f. If applicable, what is the current shoreline master program designation of the site?

Rural

h. Has any part of the site been classified as an "environmentally sensitive" area?  
If so, specify.

No

i. Approximately how many people would reside or work in the completed project?

None

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

None necessary

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

The project is to redevelop the existing Jameson Lake Access

**9. Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.

None

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle or low-income housing.

None

c. Proposed measures to reduce or control housing impacts, if any:

None necessary

**10. Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas, what is the principal exterior building material(s) proposed?

No new structures proposed

b. What views in the immediate vicinity would be altered or obstructed?

None

c. Proposed measures to reduce or control aesthetic impacts, if any:

None necessary

**11. Light and Glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

c. What existing off-site sources of light or glare may affect your proposal?

None

d. Proposed measures to reduce or control light and glare impacts, if any:

None necessary

## 12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?

Fishing, boating, and camping at the existing Jameson Lake Access site

b. Would the proposed project displace any existing recreational uses? If so, describe.

No, the proposal will enhance recreational use

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

This project will enhance recreational use, especially for disabled citizens

## 13. Historic and Cultural Preservation

a. Are there any places or objects listed on, or proposed for, national, state or local preservation registers known to be on or next to the site? If so, generally describe.

A Landau Associates cultural resource specialist conducted a records search for the project area at the Department of Archaeology and Historic Preservation and reviewed cultural resource records, reports, National Register of Historic Places nomination forms, and historic property inventory forms. Two archaeological sites have been recorded approximately 1.25 miles east of the project area. One site has been identified as a historic farmstead consisting of collapsed buildings, a dump, and possible privy. The second site has been identified as a prehistoric rock feature identified as either a rock shelter or hunting blind.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific or cultural importance known to be on or next to the site.

Three prehistoric archaeological sites have been recorded within the property, as part of the cultural resources assessment for the project. A rock cairn and two lithic scatters are located southeast of Jameson Lake.

The Scheble and Stevens Irrigation Flume is located within one mile of the project area and has been inventoried but has not been assessed for the Washington Heritage Register or National Register of Historic Places eligibility. No Washington Heritage

Register or National Register of Historic Places listed structures are located within a 2-mile vicinity of the project area.

- c. Proposed measures to reduce or control impacts, if any:

The three prehistoric resources within the property are located in areas that will not experience ground disturbance related to proposed improvements at Jameson Lake

#### 14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any:

Jameson Lake access road

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No

- c. How many parking spaces would the completed project have? How many would the project eliminate?

None would be eliminated. Four ADA designated parking spaces will be developed at the fishing piers and toilets.

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

An existing paved road will be widened to provide access to the new boat launch facilities and exiting gravel parking areas and loops will be resurfaced with crushed rock.

- e. Will the project use (or occur in the immediate vicinity of) water, rail or air transportation? If so, generally describe.

No

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

None

- g. Proposed measures to reduce or control transportation impacts, if any:

None necessary

#### 15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None necessary

**16. Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

None

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

None proposed

**C. SIGNATURE**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: John Hansen  
Date submitted: 4/22/2009

**D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS**

(Do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

