WAC 197-11-960 Environmental checklist.

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 nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject 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.

A. BACKGROUND

1. Name of proposed project, if applicable:
Methow Bridge 1 Access Project

2. Name of applicant:
Washington State Department of Fish and Wildlife

3. Address and phone number of applicant and contact person:
Washington Department of Fish and Wildlife
Capital Asset Management Program
1701 S. 24th Avenue
Yakima, WA 98902-5720

Contact: James (Rusty) Gigstead, PE
Phone: (509) 457-9308

4. Date checklist prepared:
December 31, 2012

5. Agency requesting checklist:
WDFW, Okanagan County Planning Department

6. Proposed timing or schedule (including phasing, if applicable):
Construction is scheduled for the summer or fall of 2013

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

No.

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

Joint Aquatic Resource Permit Application (JARPA)

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.

There are no known pending applications.

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

A Shoreline Substantial Development Permit, Hydraulic Project Approval, US Army Corps f Engineers Section 404 permit, Section 401 Water Quality Certification.

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.)

This project consists of constructing a primitive single-lane boat launch and associated parking area to provide additional recreational access in the lower Methow River. This launch is intended for use by non-motorized boats including drift boats, rafts and kayaks. The ramp will be installed approximately 150 feet downstream of the first SR153 bridge crossing (e.g. Bridge 1) upstream of Pateros, Washington. A parking area, access road and self-contained vault toilet will also be constructed as part of this project. The specific project elements are described in detail by below.

<u>Access Road</u>
Access to the proposed ramp will be provided by the construction of an access road from the existing gravel road and access easement. The access road will consist of a 22 foot wide gravel-surfaced access road terminating at the proposed parking area. The proposed access road will be constructed through the existing steep slope between the existing highway and the flat area adjacent to the river. The access road will be sloped at approximately a 6% grade. The access road will entail the excavation of approximately 830 cubic yards of material (native sands and gravel) and the placement of approximately 293 cubic yards of crushed rock over the 400 lineal foot length of the road. All of the proposed access road construction will occur outside of the 200 ft shoreline zone. The access road will terminate at the proposed parking area.

<u>Parking Area</u>
A 27,300 square foot area parking area will be constructed involving cut and fill as well as grading activities. Approximately 19,100 square feet of this parking area will occur within the 200 foot shoreline zone. The parking area will provide a total of 34 parking spaces (22 vehicle and 12 vehicle and trailer). The proposed parking area will require the excavation of approximately 329 cubic yards of native sands and gravel. Following excavation, 809 cubic yards of crushed rock surfacing will be placed and graded flat.

<u>Vault Toilet</u>
The vault toilet will be installed within the parking area and located approximately 220 ft landward of the OHWM. The footprint of toilet will be approximately 15 feet by 8.5 feet. The vault toilet will require the excavation of approximately 21 cubic yards of native material to a depth of 4.5 ft. An asphalt paved ADA parking space will be situated immediately next

to the toilet.

Flow Spreader

Stormwater management will be integrated into the project design using gravel-filled trenches (flow spreaders). The site improvement will include a 185 foot long by 5 foot wide gravel trench and a 450 foot long by 3 foot wide gravel conveyance trench for stormwater transport to the flow spreader trench. The trenches will result in the excavation of approximately 124 cubic yards of native substrates and the placement of approximately 122 cubic yards of permeable ballast. These trenches will provide additional sedimentation control and allow stormwater to be collected within the trench and discharged from the trench as low velocity sheet flow into the riparian buffer. The riparian buffer will serve as a vegetative filter strip providing treatment prior to discharge to the Methow River. This stormwater treatment will be provided even though flow control elements are not required at this site as the Methow (downstream of confluence with Early Winters Creek) is an exempt surface water body.

Ramp Approach Road

Work within the riparian buffer will include the construction of a ramp approach road connecting the parking area to the ramp. The ramp approach road will be constructed by excavating approximately 8 cubic yards of native substrates (sand and gravel). Once excavated, approximately 19 cubic yards of crushed rock will be placed as surfacing for the roadway. The ramp access road will be approximately 20 feet wide at the parking area and then will taper down to 12 feet at the ramp. The length of the ramp access road will be approximately 50 feet. 655 square feet of riparian habitat will be permanently impacted by this road and will be mitigated.

Impacts for ramp approach above OHWM – Net fill of 11 cubic yards, 655 square feet impacted area.

Boat Ramp

A new boat ramp will be constructed at this site and will fall within the riparian buffer and mostly above the OHWM with only the toe of the ramp falling below the OHWM. The new boat ramp will consist of a single-lane 12 foot-wide articulated concrete block (armor flex) ramp with a total length of 70 feet. The boat ramp will be constructed by excavating the ramp area to a slope of approximately 18 percent. The ramp will be slightly flatter than the existing river back slope, requiring a minimal amount of excavation of the shoreline within the riparian buffer. Excavated materials are expected to consist of native boulders, cobble, gravel, and sand. Depth of excavation will vary from approximately 1 to 5 feet below existing grade. Excavation for the ramp footprint will entail the excavation of approximately 144 cubic yards and impact a 1,960 square foot area. Excavated material will either be used as fill outside of the shoreline zone or the larger substrates will be used as fill (side slope or toe protection). The concrete placement area will be mitigated (840 square feet) but side slopes will not be mitigated as native cobbles and boulders will be used for side slope protection.

After excavation to the required grade, a 6-inch-thick layer of the gravel foundation for the boat ramp blocks will be installed and graded to the proper slope. Geotextile fabric will be installed on the prepared base prior to installation of the concrete blocks or attached to the bottom of the block mats. Precast concrete blocks will placed by lifting and placing pre-assembled mats of blocks. Voids between and within the concrete blocks will be filled with small crushed rock/gravel size material. 20 cubic yards of gravel/crushed rock will be imported and used during concrete block installment (of which 0.6 cubic yards will below the OHW).

Side slope protection will be installed on both sides of the ramp and will protect the edge of the ramp and match existing side slope grades. The side slope protection will require the placement of 78.5 cubic yards of native cobbles and gravel at a slope of approximately 2:1 with a depth 1.5 feet. 1.5 cubic yards will be placed below OHW and 77 cubic yards will be placed above OHW. This fill will be cobble mixture and sourced from materials excavated from the boat ramp footprint.

The toe of the ramp will also be protected against river current scour using large native boulders. Boulders will be selected to remain stable during peak river flow and to be compatible with the large boulders that form the existing river bed. Boulder toe protection will require some minimal excavation and fill below OHWM. Construction impacts will be minimized by performing the work during low flow periods. Volumes and square footage estimates are already included with ramp calculations.

Impacts for ramp excavation above OHWM – 140 cubic yards cut, 1896 square feet.
Impacts for concrete block installment above OHWM – 19.4 cubic feet fill.
Impacts for side slope hardening above OHWM – 77 cubic feet fill.

Net Impacts above OHW – 43.6 cubic yards cut, 840 square foot area to be mitigated (776 above OHW, 64 below OHW).

Impacts for ramp excavation below OHW – 4 cubic yards cut, 64 square feet.
Impacts for concrete block installment and gravel base below OHW – 1.2 cubic feet fill.
Impacts for side slope hardening below OHWM – 1.5 cubic feet fill.
Net Impacts below OHW – 2.7 cubic yards of fill (net cut 1.3 cubic yards), 64 square feet impacted.

Irrigation Line and Pump

Additional work within the shoreline zone and riparian buffer will include the installation of an irrigation main that originates at the existing well and extends to the northwest along the Highway Right of Way. The irrigation main will be installed in a portion of the shoreline zone (and riparian buffer) that is currently mowed and maintained or within the prism of the existing access road. The irrigation line will result in the excavation of an approximately 2 foot wide by 4 foot deep by 140 foot long trench being excavated (approximately 40 feet within the riparian buffer). Once the trench is excavated the irrigation pipe will be installed and the excavated material will be used as backfill. The irrigation main will continue outside of the shoreline zone, but that portion of the work is not included in this project description, as it is outside of the shoreline jurisdiction and does not require permitting. As stated earlier, the proposed project will not result in the disturbance to any existing habitat, based on existing conditions and will not be mitigated.

Debris Removal Mitigation

Four large pieces of concrete debris and metal irrigation pipe present below OHW as well concrete debris within the riparian buffer and in the project site. The concrete debris appears to be remnants of a destroyed former bridge crossing. The steel irrigation pipe is no longer in service. The location and condition of this debris represents a hazard to boaters and will interfere with safe boat ramp operations as well. For safety reasons and to improve aquatic habitat, this debris will be removed as part of the project mitigation plan. The removal will be accomplished using land based equipment to pick up the concrete debris and remove it from the river bed. The removed concrete debris will then be broken into manageable pieces and disposed at an appropriate offsite upland facility. The steel irrigation protruding pipe will be cut off below or at grade, removed, and disposed at an appropriate offsite upland facility. The proposed removal of concrete debris will result in the removal of approximately 347 sq ft below OHW. The project will also remove approximately 200 sq ft of concrete debris and other metal debris from within the riparian buffer.

Riparian Planting Mitigation

Plantings of native riparian vegetation will be made within two areas inside the riparian zone. The first (Mitigation Area 1) is a 450 square foot area next to the Methow River immediately above OWH. This area is now void of vegetation and provides little habitat value. The second area (Mitigation Area 2) is a 728 square foot area at the top of bank above Mitigation Area 1. This area is mostly bare with some grass species. Plantings in these areas will enhance the riparian buffer for fish and wildlife habitat and serve as mitigation for project impacts.

In Mitigation Area 1 native shrubs will consist of native willow and red osier dogwood and will be planted through the cobble into the finer substrates with a spacing of 4 ft on-center. Mitigation Area 2 will be planted with Ponderosa pine trees, black cottonwood trees on 10 foot centers, and Wood's rose shrubs on 4 foot centers. Planting design recognizes the low water holding capacity of the existing sandy substrate, and the high winds that may occur at the site. All trees will be planted in 3-foot diameter and 4-foot deep holes filled in with amended and fertilized topsoil. A coir mat will be placed at the surface of the soil to prevent wind erosion and retain soil moisture. The roots will be planted above OHW to prevent water logging. Installed soils in the deep holes will allow water to be drawn up to the roots from below OHW through capillary fringe. Installed trees will be tied to a stability stake to prevent toppling from the wind. This will result in a total of 60 native shrubs and shrubs being installed.

In summary, the proposed project will result in potential impacts to approximately 1431 square feet of habitat above the OHWM (also within the riparian buffer), and 64 square feet of the aquatic habitat below the OHWM of the Methow River. The 1495 square feet of total potential impacts will require compensatory mitigation. Compensatory mitigation will be provided by the removal of concrete debris (approximately 347 sq ft of the destroyed former bridge), removal of debris from the buffer (approximately 200 sq ft), and the installation of native riparian shrubs (approximately 1178 sq ft) for a total of 1725 square feet of mitigation.

The Project would commence as soon as possible after permits are received, within the permitted in-water work windows. Best Management Practices (BMPs) would be implemented to minimize the potential effects on aquatic habitats or species. All in-water work would be timed to avoid the annual outmigration of juvenile salmonids to the extent possible. Due to the amount of work that is proposed, the applicant is requesting a work window of July 1 through February 28. All in-water work proposed for this Project would be performed using standard BMPs.

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 proposal is located south of 376 Highway 153, Pateros, WA 98846, assessor #3023280061, Latitude 48.0749° N, Longitude -119.9567° W; Section 28, Township 30 N, Range 23 E.W.M. (Sheets 1-8). The property is located on the north shore of the Methow River. The Legal Description is "TAX 61 PT LOT 3 (NW NE)".

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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

The project site consists of a nearly flat upland leading to a sloped shoreline at the OHWM of the river. The property is vacant of development. Water levels at the project site are unregulated and vary with the seasonal river flows. High flow conditions occur in the spring, with peak flow typically occurring in mid-May to mid-June. Water levels are lowest from August through March. The OHWM for the project site was determined by field survey by Grette & Associates. OHWM varies slightly, but corresponds approximately to elevation +857.0 ft NGVD'29. Based on site observations, surface and subsurface soils can be generally classified as varying layers of river sediments composed of boulders, cobble, gravel and sand. The riverbed is primarily composed of large boulders with diameters on the order to 2 to 3 feet in diameter.

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

The steepest slope is landward of the OHWM is approximately 30%.

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.

Soils mapped on the property within the project area by the USDA Web Soil Survey are Aeneas fine sandy loam, 0 to 3 percent slopes and Riverwash, nearly flat.

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

No surface indications of unstable soils are apparent.

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

Fill will be placed as part of the installation of the access road, parking area, storm water trenches, ramp access road, and boat ramp. The access road, parking area, and ramp access road will require the placement and grading of approximately 1,121 cubic yards of crushed rock that will be delivered from a local source. The storm water trenches will require the placement of approximately 122 cubic yards of permeable ballast that will be

delivered from a local source. The boat ramp will result in the placement of approximately 20 cubic yards of gravel/crushed rock and precast concrete panel. The side protection and toe protection will result in the placement of approximately 6.5 cubic yards of gravel, cobble, and boulders, which will be from onsite (excavation for ramp) sources. The installation of the irrigation main will result in the excavation and backfill of approximately 105 cubic yards.

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

Yes, minor erosion could occur during rainfall events but is not likely. Disturbed areas will be isolated from surface waters with a silt fence and other best management practices. Work will be done during periods of low precipitation.

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

Upon completion of the access road, parking area, vault toilet, and boat ramp approximately 0.3% of the property will be covered in impervious surfaces. The property is 6.27 acres = 273,121.2 sq ft. Impervious surfaces = 998 sq ft. 998/273,121.2 = .00365 or .3%.

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

Work will be done during summer when water levels are lowest. When working within shoreline jurisdiction, silt fence will be installed between the trench and OHWM to catch any soil that may escape the roadbed, and will remain in place until the trench is filled and compacted, and the site stabilized.

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, generally describe and give approximate quantities if known.

Minimal, short-term emissions may occur as a result of machinery used for the construction of the project. Long-term, emissions will be increased due to vehicle traffic using the new access.

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:

Temporary air quality impacts will be minimized by implementing erosion control measures and by inspecting and properly maintaining all equipment.

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.

The property is located on the north/east shore of the Methow River. The Methow River is a tributary of the Columbia River.

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.

Yes, a majority of the project will fall within 200 feet of the Methow River. A minor portion of the project will take place below the OHWM of the river in order to achieve a safe boat ramp gradient and install ramp toe protection.

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.

The project will require the following within the river; 4 cubic yards of dredging, placement of 0.6 cubic yards of concrete blocks for the ramp, placement of 0.6 cubic yards of gravel for the ramp base, and placement of 1.5 cubic yards of cobble for the slope protection.

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

The construction area will not be dewatered but a turbidity curtain will be placed within the water to isolate the work area and minimize the area where sediment would be suspended in the surface water. This turbidity curtain will allow sediment to settle out.

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

The only portion of the site within the 100-year floodplain is the boat launch.

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 waste material will be discharged to surface waters.

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

The toilet system consists of a self- contained ADA compliant vault toilet. There will be no sewage or septic discharge.

c. Water Runoff (including stormwater):

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.

Stormwater management will be integrated into the project design by providing runoff treatment via gravel-filled trenches. The site improvement will include a 185 ft by 5 ft gravel trench and a 95 ft by 3 ft gravel conveyance trench within the shoreline zone and a 355 ft by 3 ft conveyance trench located outside of the shoreline zone. These trenches will provide additional sedimentation control and allow stormwater to discharge from the trench as sheet flow into the riparian buffer. The riparian buffer will serve as a vegetative filter strip providing treatment prior to discharge to the Methow River.

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

No waste materials will enter ground or surface waters.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

- ***Stormwater runoff will be contained using erosion control Best Management Practices. Silt fence will be installed to settle out sediment that might be present in runoff.***
- ***A turbidity curtain will b installed around the perimeter of the boat ramp installation work area to prevent sediment laden water from impacting surface waters.***
- ***Equipment will be washed and inspected for leaks before entering the job site.***
- ***Equipment staging and fueling areas will be located away from surface waters to avoid impacts to surface waters resulting from fueling or staging activities.***

4. **Plants**

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

X_____ deciduous tree: alder, maple, aspen, other
X_____ evergreen tree: fir, cedar, pine, other
X_____ shrubs
X_____ grass
_____ pasture
_____ crop or grain
_____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
_____ water plants: water lily, eelgrass, milfoil, other
_____ other types of vegetation

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

The proposed project has been designed and located to avoid impacting the majority of the existing on-site native vegetation. The access road, parking area, storm water trenches, and ramp access road will not result in the disturbance or removal of any native vegetation. These proposed actions will result in the disturbance of approximately 0.92 acres of ground, but that area is dominated by mowed and maintained upland grasses and weedy species with the exception of one large ponderosa pine which will be removed. The location for the ramp was

selected to avoid and minimize the majority of the existing vegetation but will impact a limited amount of vegetation (100 square feet) that will be mitigated. The majority of this area consists of sand, cobble, and boulders with a moderate coverage by upland grasses and weedy species.

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

Species listed under the ESA that may be present in the vicinity of the property include Ute ladies'-tresses (Spiranthes diluvialis – threatened). Site investigations failed to identify this species on the site.

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

Vegetation within this area consists of native riparian vegetation (within approximately 15-25 ft of the OHWM) and upland species (upland grasses, shrubs, weedy species, and invasive species). Above the top of the bank, the riparian buffer consists of mowed and maintained upland grasses and weedy species. This area has been historically utilized for agricultural purposes. Even with the cessation of the agricultural purposes, the area has been continually mowed and maintained and is providing little if any riparian function and values. Mitigation for impacts to the buffer will consist of two mitigation areas utilizing plantings of native shrub and tree species. The total area for mitigation plantings is 1178 square feet.

5. **Animals**

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

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other:

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

No listed threatened or endangered species are known to be on or near the project site.

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

Waterfowl use this area as part of a migration route.

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

The project has incorporated a number of design approaches to avoid and to minimize potential adverse impacts to areas both above and below the OHWM. The following features have been incorporated into the project design to minimize the potential for impacts to listed species:

- ***The location of the proposed non-motorized ramp was selected based on the existing disturbance at the site.***
- ***The specific location was selected based on the existing opening in the riparian vegetation.***
- ***The specific location will require minimal excavation required for achieving the required slope of the ramp.***
- ***The project would occur during the approved in-water work window for the protection of migrating juvenile salmonids. The applicant is requesting a work window of July 1 through February 28.***

- *The contractor would take care to prevent uncured concrete from entering the river.*
- *All work will be accomplished by machinery operated from the uplands.*
- *Removal of approximately 347 sq ft of concrete debris from below the OHWM and approximately 200 sq ft above the OHWM.*
- *Planting native riparian shrubs over approximately 1178 sq ft would be installed approximately 25 ft downriver of the proposed ramp to offset the potential impacts to the riparian buffer associated with the proposed ramp.*

Best Management Practices

BMP's are employed to reduce the potential for construction-related impacts on species and habitats. The following BMP's will be followed for this project:

- ***Turbidity and other water quality parameters will be monitored to ensure construction activities are in conformance with Washington State Surface Water Quality Standards, or other conditions as specified in the WDOE Water Quality Certification (WQC). The contractor will observe turbidity during dredging operations in order to ensure compliance with WQC requirements.***
- ***Excavation operations will be conducted in such a manner to limit disturbance to the minimum required to complete the work.***
- ***Extreme care would be taken to prevent any petroleum products, chemicals, or other toxic or deleterious materials from entering the water. If a spill were to occur, work would be stopped immediately, steps would be taken to contain the material, and appropriate agency notifications would be made.***
- ***Uncured cast-in-place concrete in the upland would not be allowed to enter the water. New concrete below OHWM would be pre-cast panels.***
- ***The Contractor will be responsible for the preparation of a Spill, Prevention, Control, and Countermeasure (SPCC) Plan to be used for the duration of the project. The SPCC Plan will be submitted to and approved by the project engineer prior to the commencement of any construction activities. A copy of the SPCC Plan with any updates will be maintained at the work site by the Contractor. The SPCC Plan will provide advanced planning for potential spill sources and hazardous materials (gasoline, oils, chemicals, etc.) that the Contractor may encounter or utilizes as part of conducting the work. The SPCC plan will outline roles and responsibilities, notifications, inspection, and response protocols.***
- ***The Contractor would develop and implement a site-specific spill prevention, containment, and control (SPCC) plan, and is responsible for containment and removal of any toxicants released.***
- ***All upland soil disturbed areas will be protected in accordance with standard Best Management Practices as outlined in the WA Department of Ecology Stormwater Management Manual for Eastern Washington. A detailed Upland Erosion & Sediment Control Plan will be developed by the Contractor and submitted to the project engineer for review and approval prior to the start of construction. The Plan will include descriptions of project site specific work equipment, activities and approaches, and the corresponding BMPs and Water Quality Protection measures that will be implemented for conformance with the permit requirements and conservation measures outlined herein.***
- ***Debris on the construction sites will be placed in such a manner that it cannot enter the water. Should debris accidentally enter the water, immediate and appropriate action(s) will be taken to remove the material to an upland site***
- ***Silt fences will be installed as necessary to control wind borne erosion. Sand fences are barriers made of small, evenly spaced wooden slats or fabric. They are erected to reduce wind velocity and to trap blowing sand. Wind fences are appropriate for areas with loose, fine-textured soils that can be transported offsite by high winds.***

- ***All erosion control devices would be inspected during construction to ensure that they are working adequately.***
- ***No herbicides, fertilizer, or pesticides would be applied to the mitigation planting areas.***

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.

The completed project will not require energy consumption. The machinery used for construction will likely be gas or diesel powered. There will be no other energy required for facility operation.

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:

There will be no energy conservation features included in the proposal and there will be no energy impacts.

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.

Materials likely to be present include gasoline, diesel fuel, hydraulic fluid and lubricants. An accidental spill of these materials could occur during construction.

1) Describe special emergency services that might be required.

None required.

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

A Spill Prevention and Pollution Control Plan will be prepared and implemented by WDFW to reduce risk of spills during construction. Environmental health hazards are not expected as a result of this project. Only approved construction equipment and materials will be used in construction of this project.

b. **Noise**

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

No noise exists in the surrounding area that would affect the project.

2) What types and levels of noise would 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.

There will be a temporary increase in noise levels during construction between 7am and 6pm. There will be no change in noise levels after the project completion.

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

No measures to reduce or control noise impacts are proposed.

8. **Land and shoreline use**

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

The subject property is undeveloped open space. The surrounding properties are currently in residential and recreational use.

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

Unknown.

c. Describe any structures on the site.

The subject property is undeveloped.

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

No structures will be demolished.

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

Rural

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

Rural

g. 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.

Yes. Riparian zones are classified as "environmentally sensitive".

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 proposed.

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

Approval for this project will be obtained from Okanogan County, with comments from other agencies during the SEPA comment period.

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

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?

The toilet facility will be the highest structure and will extend approximately 12.5 feet above the ground surface.

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

No views in the immediate vicinity will be altered or obstructed as a result of the proposed project.

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

None planned.

11. **Light and glare**

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

No lighting is planned in association with this project.

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?

No off-site sources of light that will affect the proposal currently exist.

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

None proposed.

12. **Recreation**

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

Informal recreational opportunities in the vicinity include fishing, rafting, tubing, etc.

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

No. The construction of the boat ramp will increase river access and shoreline use for the public.

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

No measures to reduce or control impacts on recreation are proposed.

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.

The Washington State Department of Archaeology and Historic Preservation WISAARD database had no recorded historic or cultural sites in the vicinity.

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

None known

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

Contractors and workers will be informed to immediately stop work if artifacts of historical or cultural importance are found. If any are found, the Washington State Historic Preservation Office will be consulted for guidance.

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.

The site is served by Highway 153.

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

The site is not served by public transit. The nearest site is unknown.

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

The proposed parking area will contain 22 vehicle parking spots, including one ADA parking spot, and 12 trailer parking spots.

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).

The project will require the construction of a 22-ft wide gravel-surfaced access road from the existing driveway (easement) to the proposed parking area.

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.

The number of vehicular trips generated per day is unknown. The maximum capacity for the parking area is 34 vehicles (22 vehicle and 12 vehicle with trailers).

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

None.

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.

The proposed project will not result in an increased need to public services.

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

No measures are proposed.

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.

Utilities are not proposed for the project. There will be a vault toilet constructed on site for public use and trash

cans will be provided and emptied, as necessary.

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: [illegible] F Gigstead, CAMP PRO MANAGER

Date Submitted: 1-29-13

TO BE COMPLETED BY APPLICANT

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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?

No

Proposed measures to avoid or reduce such increases are:

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

No affects anticipated.

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?

No affect on energy or natural resources are anticipated.

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?

No affects are anticipated.

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?

No shoreline use affects are anticipated.

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?

No affect.

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.

No conflict with local, state, or federal laws will result from this proposal.