

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

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.

Instructions for Lead Agencies:

Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

Please complete all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). For nonproject actions.

A. BACKGROUND

1. Name of proposed project, if applicable:
Wenas Wildlife Area Yakima Road Renovation
2. Name of applicant:
Washington Department of Fish and Wildlife
3. Address and phone number of applicant and contact person:
600 Capitol Way N, Olympia, WA : (360) 902-8383 : Kristen Kuykendall
4. Date checklist prepared:
9/25/2012
5. Agency requesting checklist:
Washington Department of Fish and Wildlife

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

Summer-Fall 2012

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

Yes. A similar set of road renovations will be taking place in the Wenas Wildlife Area located in Kittitas County.

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

Three archaeological surveys were completed in 2006 and 2007 that address potential cultural resources in or near the roadways of this project. Archaeological Survey for Umtanum Creek Crossing Project Area, Kittitas Co., WA, Report 1694 was completed by Archaeological Investigations NW in May of 2006 as well as two investigations commissioned by the Bonneville Power Administration (BPA): Cultural Resources Assessment for the Wenas Wildlife Area Roads Maintenance and Relocation Project and Kittitas Counties, WA (2006) , and A Cultural Resources Survey for the Wenas Wildlife Area Project, Yakima, WA (2007). Additional cultural resource information is being documented for the Black Canyon Road site.

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 are known at this time.

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

Department of Archaeology and Historic Preservation and tribal consultation was accomplished in 2006 and 2007 for the road system prisms and is valid and current for all road segments in the project area except for the Black Canyon Roads. The Black Canyon Roads area archaeological review will be completed and recorded in the near future.

Yakima County is reviewing the project for any potential permits that may be required; these will be secured, if needed, prior to any construction activity.

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.)

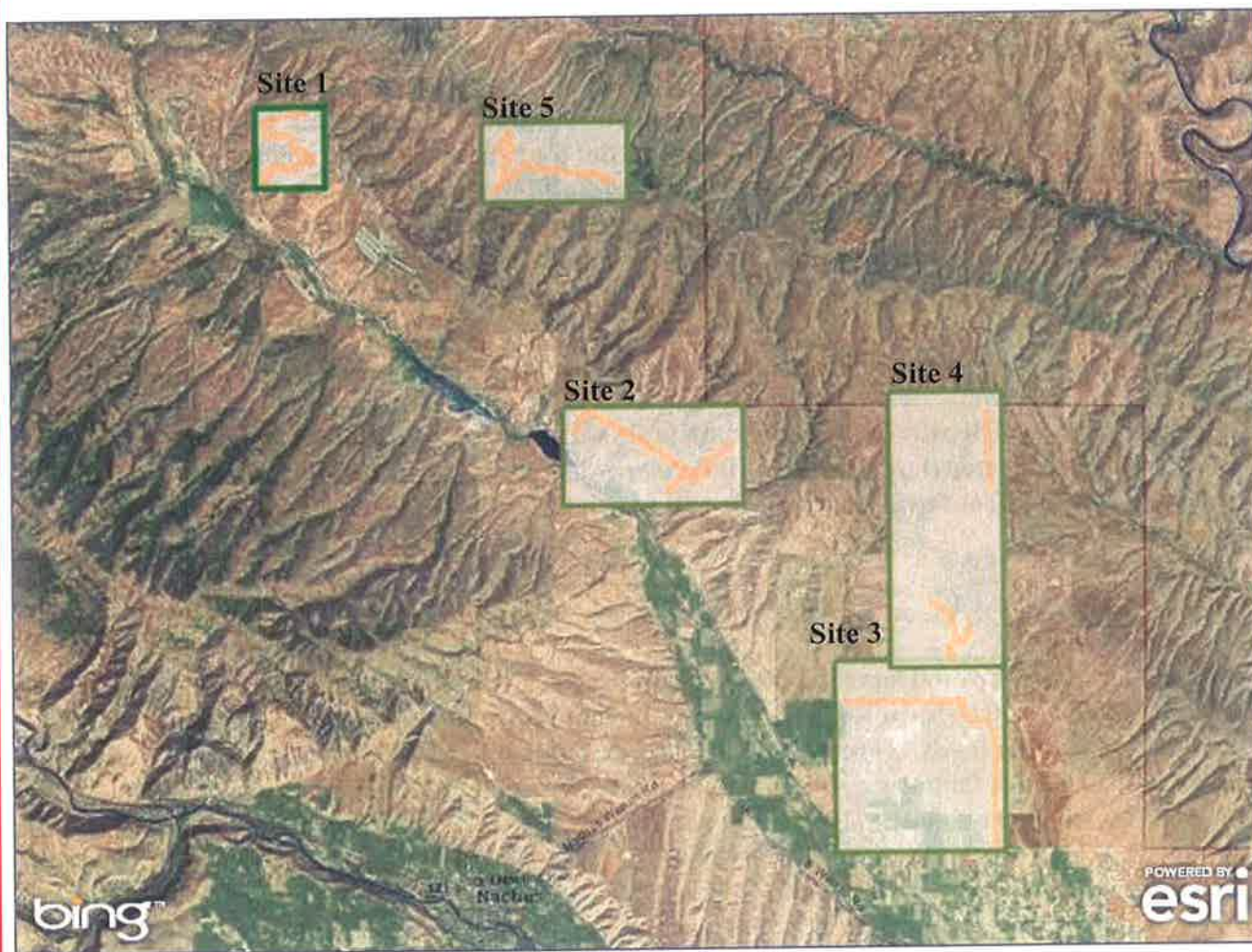
The public roads within the Wenas Wildlife Area require renovation due to a combination of drainage-related issues including: ponding, rutting, plugged ditches, and nonfunctional waterbars. The Department of Fish and Wildlife proposes to improve about 20 miles of roads generally including grading and shaping, adding rock, cleaning and adding drain dips. Road grading would include modifying in-slope and out-slope contouring to minimize surface erosion and the need for drainage ditches. The lineal feet of actual road work must be determined at the time of the repair and is estimated at between 40,000 and 45,000 lineal feet, about 8.1 miles. Other road work includes: 1) removal of the remains of a broken concrete ford in Cottonwood Creek (seasonal creek), and installation of road barriers to prevent off-road vehicle use that damages habitat.

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, and county 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.

Map 1 – Wenas Wildlife Area Road Renovation Project/ Yakima Co. (below)

Wenas WA Road Renovations

Proposed Road Renovations



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Site 1 – Ridge Road vicinity: T16N, R17E, Sections 18.

Site 2 – Kelley Hollow vicinity: T15N, R17E: Sections 1,2, and 12; T15N, R18E, Section 6

Site 3 – Sheep Company Road vicinity: T15N, R18E: Sections 21, 22, 27 and 34.

Site 4 – Old Durr Road vicinity: T15N, R18E: Sections 3, 15, 16, and 22.

Site 5 – Black Canyon Road vicinity: T16N, R17E: Sections 14, 15 and 22.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site

(circle one): Flat, rolling, hilly, steep slopes, mountainous,

other: **The project area includes flat, rolling, and steep sloped areas.**

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

The project area steep slopes are about 65% at their steepest locations. Slopes this steep are few and far between; see that attached project maps.

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.

The PFLG¹ Soils data were used to review soil suitability for this project. Of the 49 Washington State soil types in the project area the four most common soil types are a) Cowiche loam, 8 to 15 percent slopes (7%), b) McDaniel very stony loam, 30 to 65 percent slopes (6%), c) Odo cobbly silt loam, 5 to 35 percent slopes (5.7%), and d) Cowiche loam, 8 to 15 percent slopes. Soil maps for the sites are available upon request through Project Manager Kuykendall.

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

There are no data identifying specific “unstable soils” in county critical area maps or in any of the resource agency data examined for this project (notably PFLG¹). Project area surface soils have eroded from rain and runoff; and are the reason this road renovation project is needed.

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

The project calls for moderate grading of primitive roads and creation of erosion minimization features including: regrading, drivable drainage dips, water bars, cross drains, two drainage ditch fords, a creek ford with grade control boulders(dry during renovation), and other drainage features detailed in the project’s engineered drawings attached as Appendix A. Approximately 200 to 300 yards³ of gravel (2½” minus crushed rock, 1¼” minus crushed rock or crushed surfacing base course {CSBC}) will be used in portions of the 2,250 lineal feet where road renovation will occur.

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

Some minor erosion is anticipated adjacent to the new structures. Overall, the stabilization of erosion-related project area impacts will be accomplished through use of sediment control BMP’s including use of silt fence and planting and mulching all exposed soils.

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

All additional gravel will be used on existing compacted roads; there will be no increase of impervious surfaces.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
The largest single factor contributing to erosion control, in the long-term, is the quality of the constructed erosion control features. The addition of gravel will reduce the current road surface runoff. Considerable care will be taken to assure that each feature is well constructed. If necessary, filter fabric fencing, and /or straw bales, will be used during and after construction to prevent erosion.

Footnote for 1. c. & d. : 1. Information for the SOILS data layer was derived from the Private Forest Land Grading system (PFLG) and subsequent soil surveys. PFLG was a five-year mapping program completed in 1980 for the purpose of forestland taxation. It was funded by the Washington State Department of Revenue. The Department of Natural Resources, Soil Conservation Service (now known as the Natural Resources Conservation Service or NRCS), USDA Forest Service and Washington State University conducted soil mapping cooperatively following national soil survey standards.

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.
Emissions from construction vehicles and emissions from vehicles using the roads once renovated are associated with this project. No significant increases in the use of the Wenas Wildlife Area road system are anticipated due to the upgrading of the facility.
- 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:
Standard emission control converters and mufflers would be in use by construction vehicles.

3. Water

- a. Surface Water:
- 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.
Several small ephemeral creek beds are crossed by the roads renovated as a part of this project. All of these drainages are part of the Upper Yakima that flow into the Lower Yakima and then into 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.
Some work will occur near creek beds that will be dry. Three creek bed or drainage ditch crossings (fords) are being built; each will be dry during construction.
 - 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.
There are no dredge or dredge-fill areas; all constructed features are above ordinary high water.

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.

The Wenås Wildlife Area Road Renovation project area in Yakima County does not lie within the 100-year floodplain. (per Upper Yakima River Comprehensive Flood Hazard Management Plan, Yakima County)

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 Water:

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.

Not Applicable.

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.

Only runoff generated by precipitation is expected. Sediment associated with this runoff will be collected at silt fences and all exposed soils will be covered with straw mulch.

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

The likelihood of waste materials entering ground or surface waters is extremely low. Refueling and equipment maintenance is accomplished away from water. Spill kits and containment supplies will be kept on site.

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

Sediment control BMP's, per Ecology's Stormwater Management Manual for Eastern Washington (2004), will be in place including use of straw mulch, silt fence around all fill material, and working during the dry summer months will reduce any runoff impacts.

4. Plants

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

 x deciduous tree: **alder**, maple, **aspen**, other: **cottonwood**

 x evergreen tree: **fir**, cedar, **pine**, other

- shrubs: **willow, sagebrush, rabbitbrush and bitterbrush**
- 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?

There is the potential for minor amounts disturbance of road-side vegetation although this will be minimized. All work will be done in existing road surface, the shoulder of the road is currently a grass mix that could be altered during construction and will be reseeded with a native seed mix appropriate to this area.

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

The Natural Heritage Program (NHP) databases as well as the state (WDFW) and federal agency listings (USFWS) were examined for threatened or endangered plants on September 17, 2012. The following listings were found during a data check on Sept. 17, 2012:

- **The nearest NHP resources mapped by the Department of Natural Resources are approximately one mile away.**
- **State plant species listed in the Priority Habitat and Species data (WDFW) for the 15 Sections (TRSs) included sixteen references to the Shrub-steppe habitat type, three references to sensitive Aspen Stands, and four palustrine wetlands listed in the National Wetland Inventory.**
- **Showy stickseed (*Hackelia venusta*) was listed as endangered (2002, USFWS) and is included in the data output for Yakima Co. The recovery plan cites that the only known presence of the plant is in Chelan Co. USFWS has included this plant in the listings for Yakima Co.**

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

Because all work will take place within the existing road section and road shoulder, minimal planting is scheduled. All disturbed soils where vegetation is present will be planted with a native seed mix.

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: grouse, raven**

mammals: **deer, bear, elk, beaver, other:**

fish: **bass, salmon, trout, herring, shellfish, other steelhead**

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

Priority Habitat and Species (PHS managed by WDFW) databases as well as the federal agency listings (USFWS and NOAA) were examined on September 18, 2012.

● **Priority Habitat and Species listings**

Type	Species	Data "Hits"
Mammals	Bighorn sheep <i>Ovis canadensis</i>	10
	Elk <i>Cervus elaphus</i>	15
	Gray wolf <i>Canis lupus</i>	10
	Mule deer <i>Odocoileus hemionus hemionus</i>	13
	Townsend's Ground Squirrel - <i>Urocyon townsendii</i>	227
	Townsend's Ground Squirrel Breeding	2
	Townsend's Ground Squirrel Regular	1
Birds	Greater Sage-grouse <i>Centrocercus urophasianus</i>	22
	Prairie falcon <i>Falco mexicanus</i>	1
	Bald eagle <i>Haliaeetus leucocephalus</i>	2
	Loggerhead shrike <i>Lanius ludovicianus</i>	1
	Golden eagle <i>Aquila chrysaetos</i>	8
	Burrowing owl <i>Athene cucularia</i>	6
Reptiles	Ringneck snake <i>Diadophis punctatus</i>	4
Fish	Rainbow Trout <i>Oncorhynchus mykiss</i>	3

WDFW fish data also contain the non-detected potential presence of bull trout in some streams of this area.

USFWS ESA listings for Yakima County are outlined below:

ESA Listings per USFWS for Yakima Co. (9/17/12)

Group	Name	Population	Status	Lead Office	Recovery Plan Name	Recovery Plan Stage
Birds	<u>Yellow-billed Cuckoo</u> (<u>Coccyzus americanus</u>)	Western U.S. DPS	Candidate	Sacramento Fish And Wildlife Office		
Birds	<u>Greater sage-grouse</u> (<u>Centrocercus urophasianus</u>)	Columbia basin DPS	Candidate	Upper Columbia River Fish And Wildlife Office		
Birds	<u>Greater sage-grouse</u> (<u>Centrocercus urophasianus</u>)	entire	Candidate	Wyoming Ecological Services Field Office		
Birds	<u>Northern spotted owl</u> (<u>Strix occidentalis caurina</u>)		Threatened	Oregon Fish And Wildlife Office	Revised Recovery Plan for the Northern Spotted Owl	Final Revision 1
Birds	<u>Marbled murrelet</u> (<u>Brachyramphus marmoratus</u>)	CA, OR, WA	Threatened	Washington Fish And Wildlife Office	Recovery Plan for the Threatened Marbled Murrelet (<u>Brachyramphus marmoratus</u>) in Washington, Oregon, and California	Final
Fishes	<u>Bull Trout</u> (<u>Salvelinus confluentus</u>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Coastal-Puget Sound Distinct Population Segment of Bull Trout	Draft
Fishes	<u>Bull Trout</u> (<u>Salvelinus confluentus</u>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for the Jarbridge River Distinct Population Segment of Bull Trout	Draft
Fishes	<u>Bull Trout</u> (<u>Salvelinus confluentus</u>)	U.S.A., conterminous, lower 48 states	Threatened	Idaho Fish And Wildlife Office	Draft Recovery Plan for Three of the Five Distinct Population Segments of Bull Trout (<u>Salvelinus confluentus</u>)	Draft
Flowering Plants	<u>Showy stickseed</u> (<u>Hackelia venusta</u>)		Endangered	Washington Fish And Wildlife Office	Recovery Plan for <u>Hackelia venusta</u> (Showy Stickseed)	Final
Mammals	<u>Grizzly bear</u> (<u>Ursus arctos horribilis</u>)	lower 48 States, except where listed as an experimental population or delisted	Threatened	Grizzly Bear Recovery Coordinator	Revised Grizzly Bear Recovery Plan	Final Revision 1
Mammals	<u>Gray wolf</u> (<u>Canis lupus</u>)	U.S.A.: All of AL, AR, CA, CO, CT, DE, FL, GA, KS, KY, LA, MA, MD, ME, MI, MN, MO, NC, NE, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, and WV; those portions of AZ, NM, and TX not included in an experimental population; and portions of IA, IL, IN, ND, OH, OR, SD, UT, and WA. Mexico.	Endangered	Assistant Regional Director-ecological Services	Final Mexican Wolf Conservation Assessment	Conservation Strategy
Mammals	<u>Gray wolf</u> (<u>Canis lupus</u>)	see above	Endangered	Assistant Regional Director-ecological Services	Northern Rocky Mountain Wolf Recovery Plan	Final Revision 1
Mammals	<u>Gray wolf</u> (<u>Canis lupus</u>)	see above	Endangered	Assistant Regional Director-ecological Services	Mexican Wolf Recovery Plan	Final
Mammals	<u>North American wolverine</u> (<u>Gulo gulo luscus</u>)		Candidate	Montana Ecological Services Field Office		

WDFW PHS data included the following listings for animal species within the 15 Sections (TRs) containing the project areas. Data "Hits" references the total number of times the PHS database referenced each species within the full area of the 15 Sections

NOAA Fisheries ESA lists include: the Mid-Columbia River Spring-run Chinook Salmon ESU, the Upper Columbia River Summer/Fall-Run Chinook Salmon, the Middle Columbia River Steelhead ESU as inclusive of the project area.

All of the species included on these state and federal lists have the potential to be in the project area and have been analyzed regarding the likelihood of their presence in the project area. All of these species are very unlikely to be affected by this road renovation project.

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

The site is on the eastern edge of the Pacific Flyway used by migratory birds. Steelhead are known to migrate and spawn in the area, see part b, above.

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

Several vehicle barriers are being installed as part of this project to prevent vehicle access to sensitive off-road shrub steppe habitat. Construction staff will work in conjunction with wildlife area managers to minimize disturbance.

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 are needed.

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 are included.

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.

1) Describe special emergency services that might be required.

None.

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

None.

b. **Noise**

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

There are no noises that adversely affect the project or the surrounding environment.

- 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.

Construction vehicles including a truck, front-end loader, excavator and bulldozer will produce equipment-related noises between the hours of 7 am and 5 pm.

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

No special noise reduction efforts are planned.

8. **Land and shoreline use**

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

The property has been used as a Public Wildlife Area for over 35 years supporting public uses including hiking, hunting, fishing and camping. The Wildlife Area is specifically managed to support populations of Yakima Elk.

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

No.

- c. Describe any structures on the site.

Several large rocks have been installed to prevent vehicle access to sensitive areas.

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

None.

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

The project area is zoned Remote/Extremely Limited (R/ELDP) in the Yakima County Comprehensive Plan.

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

The project area is zoned Remote/Extremely Limited (R/ELDP) in the Yakima County Comprehensive Plan.

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

The closest Shorelines of the State are associated with Wenas Lake. This shoreline is about 890 feet from the closest proposed road renovation.

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

The site is not within any zone or area that has been 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.

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

None.

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 only "above grade" structures being installed are the 3-man rocks. These are generally less than three feet tall.

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

None.

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

Generally speaking the only aesthetic impacts of this erosion control project would be that visitors will see that land managers have been attending to road-damaging erosion.

11. Light and glare

a. What type of light or glare will the proposal produce? **None.** What time of day would it mainly occur?

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.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?
The area is used for hunting, fishing, birdwatching, hiking and horseback riding, with a few informal campgrounds located nearby.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
The roads are in disrepair therefore the project will enhance the recreational utility and experience for visitors.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
The project has been planned- and budgeted- for in order to minimize adverse impacts of recreational use coupled with effects of heavy-rain erosion. The road renovations will both improve the recreational experience and help reduce adverse impacts to the environment and recreation.

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 three cultural reviews listed in Section A-8 for the Wenas WA roads are on file with the Department of Archaeological and Historic Preservation. The Black Canyon Road vicinity, Site 5, will be reviewed for potential affects to cultural resources and an appropriate plan will be developed with the tribes per EO-0505.
- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
Areas of lithic scatter were found outside the areas where road work will occur.
- c. Proposed measures to reduce or control impacts, if any:
Should any cultural resources be identified within the project area during the operational phase, work will cease in that area and a professional archaeologist will be notified immediately and a site protection plan will be developed.

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.
State Highways Route 12, 410, 821, 823 surround this Wildlife Area. This public "road renovation" project will improve gravel and native surfaces of about 8.1 miles of road which is open to the public most of the year.
- 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.

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

None

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).

There are no new roads, all work will occur in the existing road location.

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.

No change is anticipated.

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.

No.

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

None.

16. **Utilities**

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

other **Gas and power lines run underneath portions of the road. These sites are identified and will not be impacted by this road maintenance.**

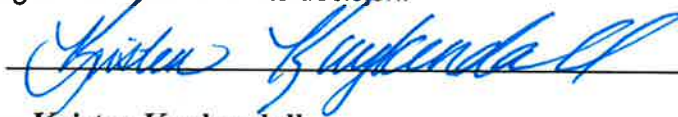
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

No utilities are planned this site.

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: _____



Name of signee: Kristen Kuykendall

Position and Agency/Organization: Environmental Engineer, Washington Department of Fish and Wildlife

Date Submitted: **October 3, 2012**

Appendix A Project Drawings