SEPA ENVIRONMENTAL CHECKLIST

UPDATED 2014

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: [help]

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:

Please adjust the format of this template as needed. 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: [help]

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer 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. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. background [help]

1. Name of proposed project, if applicable: [help] Klickitat Wildlife Area Management Plan

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

3. Address and phone number of applicant and contact person: [help] Lauri Vigue
600 Capitol Way North, Olympia, WA 98501 360-902-2549

4. Date checklist prepared: [help] May 9, 2016

5. Agency requesting checklist: [help] Washington State Department of Fish and Wildlife

6. Proposed timing or schedule (including phasing, if applicable): [help] Final plan will be published on WDFW website in July 2016.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. [help] Yes, specific projects or actions may be taken to implement elements of this plan. Where appropriate, project specific SEPA analysis will occur.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. [help] N/A

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. [help] N/A

10. List any government approvals or permits that will be needed for your proposal, if known. [help] N/A

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.) [help]

This is a new wildlife area management plan for the Klickitat Wildlife Area. It directs management activities over the next 10 years on seven wildlife area units: Soda Springs (13,000 acres); Mineral Springs (1,108 acres), Dillacort Canyon (340 acres), Fisher Hill (480 acres), Goldendale Hatchery (240 acres), Swale Creek (516 acres) and Sondino Pond (219 acres). Proposed uses include western pond turtle and western gray squirrel protection and enhancement; recreation and wildlife conservation; protection and restoration of conifer forests and Oregon white oak, riparian shrub and open grasslands. The Klickitat River retains natural spawning beds for salmon and steelhead, and is regionally renowned for excellent fishing. The wildlife area conserves important winter range for deer. There are two agriculture leases on the Klickitat Wildlife area and three grazing permits. The agriculture leases provide food and cover for wildlife. Under the direction of the new plan, management activities will stay essentially the same.

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. [help]

The Klickitat Wildlife Area is located approximately 15 miles west of Goldendale and within close proximity to the Columbia River Gorge National Scenic Area in Klickitat County.

Soda Springs: From Goldendale, drive 9.5 mi. west on State Highway 142 to intersection with the Glenwood Highway. Turn NW on the Glenwood Highway and drive 4 mi. to intersection with Soda Springs Road. Turn west on Soda Springs Rd. to access the main system of roads on this unit. The first .25 mi. of road crosses private land; WDFW land lies beyond that.

Mineral Springs: From Klickitat, go 2.2 mi. east on State Highway 142 to the entrance of the Mineral Springs river access site.

Dillacort Canyon: This unit is approximately 5.5 miles NE of Lyle. Access to the site is Milepost 5 on Highway 142 along the Klickitat River.

Fisher Hill: Properties comprising the Fisher Hill Unit are distributed along State Route 142. The parcel farthest downstream on the Klickitat River is approximately 1 mi. NE of Lyle. A river access site is located at Milepost 5.

Goldendale Hatchery: From Goldendale, drive 4 mi. west on State Highway 142, to the intersection with Hill Road (on a bend in the highway). Go north on Hill Rd. about 0.6 mi. There, a primitive road intersects from the east. This is the main access road to the unit.

Swale Creek: The best public access to Swale Creek is via the Klickitat Trail from its crossing at Harms Road. The unit is approximately one-half miles west of Harms Road.

Sondino Pond: From Lyle, the unit is located approximately 3 mi. west on Old Highway 8. Access is closed year-round, except by written authorization from WDFW.

Klickitat WLA Legal Description:
Sondino Unit; T03N R12E sections 28, 29, 32, 33

Mineral Springs Unit; T04N R13E section 23, 24, 26, 27, 28
T04N R14E sections 18, 19

Dillacort Canyon Unit; T03N R13E section 12, 17, 18, 19

Fisher Hill Unit; T03N R12E section 25, 26, 35

Swale Creek Unit; T03N R14E section 21, 27, 28

Hatchery Unit; T04N R15E section 11, 14

Soda Springs Unit; T04N R14E sections 2, 3, 4, 5, 6
T05N R13E sections 1, 2, 3, 11, 12, 13, 25
T05N R14E sections 5, 6, 7, 8, 16, 17, 18, 19, 20, 21, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35
T06N R14E sections 30, 31

B. ENVIRONMENTAL ELEMENTS [help]

1. Earth

a. General description of the site [help]
(circle one): Flat, rolling, hilly, steep slopes, mountainous,
other _____
The wildlife area is characterized by deep canyons and steep walls (700-1,500 feet), narrow Valley floor and low rolling hills.

b. What is the steepest slope on the site (approximate percent slope)? [help]
90 degrees

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. [help]

Generally, the soils within the wildlife area are shallow and rocky. Approximately 50 percent of the wildlife area contains soil known as Leidl-Wahoo complex, which is found within the breaksof the Klickitat River, Dry Canyon (Canyon Creek), Dead Canyon and Sheep Canyon drainages. This shallow, rocky soil ranges in slope from 30 to 75 percent. The bench area of the wildlife area is composed mostly of Gunn and Kiakus-Munset-Wahoo complex. Typically, the Gunn soils are up to 60 inches deep with slopes from 2 to 15 percent. Kiakus-Munset-Wahoo complex are soils from 20 to 40 inches deep on slopes of zero to 30 percent. These two soil types, Gunn and Kiakus- Munset-Wahoo complex, cover approximately 30 percent of the wildlife area

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. [help] N/A

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. [help] N/A

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. [help] N/A

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

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: [help] N/A

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. [help] N/A

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

c. Proposed measures to reduce or control emissions or other impacts to air, if any: [help] N/A

3. **Water**

a. Surface Water: [help]

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. [help]

The Klickitat Wildlife Area is located in the Klickitat River sub-basin. The headwaters of the Klickitat River drain from Mt Adams on the eastern flanks of the Cascade Mountains. The primary tributary to the lower Klickitat River is the Little Klickitat River, which drains the Simcoe Mountains located to the east of the mainstem Klickitat River. The Middle Klickitat sub-basin consists primarily of low rolling hills and steep canyon areas. Such canyons can be found in the lower reaches of the Little Klickitat River, the lower Klickitat River sub-basin, the lower portion of Swale Creek, near the mouths of the tributaries to the Klickitat and Little Klickitat Rivers, and in the smaller tributaries along the Columbia River. The Klickitat River flow is primarily fed by rain and snowmelt in winter and early spring and by glacial meltwater in late spring and summer.

Numerous springs are present on the wildlife area. There are 29 man-made ponds and one natural pond located on the Soda Springs Unit. Most are filled by runoff, however a few are fed by springs. The flows of these freshwater springs vary from being wet spots to nearly 10 gallons per minute. The mineral springs in the Klickitat River Canyon are naturally carbonated. Some of the mineral springs flow more or less constantly, while others are intermittent and unpredictable. The Sondino Ponds Unit contains a complex of natural and man-made ponds; most are ephemeral, lasting a short time, but three are perennial most years.

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. [help] N/A

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. [help] N/A

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. [help] N/A

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. [help] Yes, subject to flooding along the Klickitat River.

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. [help] N/A

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. [help] Yes, water is withdrawn for domestic use, and used for the headquarters office, shop facilities and irrigation for the surrounding landscape. There is a septic system in place and it discharges into the groundwater. Max. 200-300 gallons per day during summer, typically 15 gals without irrigation.

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. [help]
A septic system is located a the headquarters office (approximate 1,000 gallon tank) domestic use only for 2 office staff.

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. [help]
Surface water run off originates from precipitation and snow melt.

2) Could waste materials enter ground or surface waters? If so, generally describe. [help]
N/A

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. None

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any: N/A

4. **Plants** [help]

a. Check the types of vegetation found on the site: [help]

_X__deciduous tree: alder, maple, aspen, other
_X__evergreen tree: fir, cedar, pine, other
_X__shrubs
_X__grass
_X __pasture
_X__crop or grain
____ Orchards, vineyards or other permanent crops.
_X__ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____water plants: water lily, eelgrass, milfoil, other
_X__other types of vegetation

Conifer forest, mixed pine-oak forest, Oregon white oak woodland, riparian forest, open grasslands, aspen groves, talus slopes, cliffs and bluffs, wheat fields, steppe, wetland shrubs, wetlands.

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

N/A

c. List threatened and endangered species known to be on or near the site. [help]

Bull trout, northern spotted owl, steelhead, western pond turtle, western gray squirrel.

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

Restoration activities are identified in the plan and they include the following objectives: restoring farmland to native meadow on the Sondino Pond Unit; forest restoration is planned on the Soda Springs unit to improve forest health and western gray squirrel habitat; develop a restoration plan prioritizing areas along the Klickitat River in need of riparian restoration.

e. List all noxious weeds and invasive species known to be on or near the site.

Dalmatian toadflax (Linaria dalmatica ssp. Dalmatica), diffuse knapweed (Centaurea diffusa), spotted knapweed (C. biebersteinii), yellow starthistle (C. solstitialis) everlasting pea (Lathyrus latifolius), reed canarygrass (Phalaris arundinacea), oxeye daisy (Leucanthemum vulgare), Medusahead (Taeniatherum caput-medusae), cheatgrass (Bromus tectorum), Himalayan blackberry (Rubus armeniacus), Canada thistle (Cirsium vulgare), sulfur cinquefoil (Pontentilla recta), woolly mullein (Verbascum thapsus), St. Johnswort (Hypericum perforatum), chickory (Cichorium intybus), fragrant water lily (Nymphaea odorata) and other, general weeds.

5. **Animals**

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include: [help]

birds: hawk, heron, eagle, songbirds, other:

mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

See comprehensive list of 2016 documented species on the Klickitat wildlife area.

b. List any threatened and endangered species known to be on or near the site. [help]

Bull trout (FT/SC), northern spotted owl (FT/SE), steelhead (FT/SC), western pond turtle (SE), western gray squirrel (ST).

c. Is the site part of a migration route? If so, explain. [help]
Yes, the wildlife area provides migration routes for black-tailed deer, mule deer, steelhead, western gray squirrel and western toad.

d. Proposed measures to preserve or enhance wildlife, if any: [help]
Restoration activities are identified in the plan and they include the following objectives: restoring farmland to native meadow on the Sondino Pond Unit; forest restoration(thinning and prescribed fire) is planned to occur on the Soda Springs unit in order to improve forest health and western gray squirrel habitat; develop a plan to evaluate areas along the Klickitat River in need of restoration.

e. List any invasive animal species known to be on or near the site.
Bull frog, brook trout, starling, Eurasian collar dove, California ground squirrel

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. [help] N/A

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. [help] N/A

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: [help] N/A

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. [help] N/A

1) Describe any known or possible contamination at the site from present or past uses. N/A

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. N/A

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. N/A

4) Describe special emergency services that might be required. N/A

5) Proposed measures to reduce or control environmental health hazards, if any: N/A

b. **Noise**

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

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. [help] N/A

3) Proposed measures to reduce or control noise impacts, if any: [help] N/A

8. **Land and shoreline use**

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. [help] The current uses of WDFW wildlife areas are recreation and wildlife conservation. Adjacent lands are either private lands (agriculture/grazing), other public lands (Bureau of Land Management and Department of Natural Resources) or tribal lands (Yakama Tribe).

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? [help] The wildlife area has a prior history of agriculture, grazing and logging. Grazing and agriculture currently exist on specific units of the wildlife area. See the wildlife area management plan for specific details.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how: None

c. Describe any structures on the site. [help]
The headquarters of the Klickitat Wildlife Area is located on the Soda Springs Unit. Most of the facilities are located at headquarters. Buildings within the wildlife area include the office, garage, shop shed, grain storage building, and barn. Additionally, there is a storage shed on the Sondino Ponds Unit. There are 12 upland bird water structures, also known as guzzlers, on the Klickitat Wildlife Area.

d. Will any structures be demolished? If so, what? [help] A hay barn on the Soda Springs Unit.

e. What is the current zoning classification of the site? [help] Open space, general rural, residential 2, extensive agriculture.

f. What is the current comprehensive plan designation of the site? [help]
Open space, general rural, residential 2, extensive agriculture.

g. If applicable, what is the current shoreline master program designation of the site? [help]
Klickitat River designated as natural and conservancy, Swale Creek designated as conservancy.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify. [help] Klickitat county updated their Critical Areas Ordinance in August 2013. Critical areas have been designated on the wildlife area.

i. Approximately how many people would reside or work in the completed project? [help] 2

j. Approximately how many people would the completed project displace? [help] None

k. Proposed measures to avoid or reduce displacement impacts, if any: [help] N/A

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: [help] Compatible with local land use regulations

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any: Compatible with nearby agricultural lands and forest lands.

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. [help] No housing is expected under the new management plan.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. [help] None

c. Proposed measures to reduce or control housing impacts, if any: [help] N/A

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? [help] N/A

b. What views in the immediate vicinity would be altered or obstructed? [help] N/A

c. Proposed measures to reduce or control aesthetic impacts, if any: [help] N/A

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur? [help] N/A

b. Could light or glare from the finished project be a safety hazard or interfere with views? [help]
N/A

c. What existing off-site sources of light or glare may affect your proposal? [help] N/A

d. Proposed measures to reduce or control light and glare impacts, if any: [help] N/A

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity? [help]
Hunting, wildlife viewing, hiking, fishing, mountain biking, photography, tribal food gathering, white water rafting, stargazing, horseback riding, geocatching, wildflower viewing, swimming, camping.

b. Would the proposed project displace any existing recreational uses? If so, describe. [help]
None

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: [help] Recreation will be maintained or enhanced in this wildlife area management plan. Please see Appendix A in the Plan for Klickitat Wildlife Area goals, objectives for recreation activities.

13. **Historic and cultural preservation**

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe. [help]
Specific project locations have not yet been identified. When these are identified, WDFW will conduct a cultural review of each project. Reviews will be designed to identify existing buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. [help]
Specific project locations have not yet been identified. When these are identified, WDFW will conduct a cultural review of each project. Several surveys have been conducted on or near the WLA. The results of these surveys are on file with the Department of Archaeology and Historic Preservation and WDFW and will be used to inform project design.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc. [help]

As specific projects are conceived, they will be reviewed by WDFW. Project reviews will be informed by the results of prior archaeological and historic research, a review of ethnographies and ethnographic information, information provided by the Tribes during consultation, the results of coordination with stakeholders and wildlife area staff, regional land use practices, local and regional geomorphological conditions, and regional settlement patterns. As needed, WDFW will conduct cultural resource surveys of project area to assess the potential of the project to impact cultural resources, to characterize the impacts, if any, and to make recommendations about reasonable options to avoid, minimize, or mitigate impacts to any archaeological or cultural resources should any be present at the project location.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.
Specific project locations have not yet been identified. As specific projects are designed, they will be reviewed by WDFW as described above. The project reviews will be used to inform project plans. In every case, WDFW will adopt all reasonable measures to avoid, minimize, or mitigate impacts to any archaeological or cultural resources should any be present at the project location.

14. **Transportation**

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. [help]
See attached maps for street names and highways

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? [help]
Available upon request.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? [help] None

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private). [help] None

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. [help] None

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? [help] General visitation information available upon request.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. N/A

h. Proposed measures to reduce or control transportation impacts, if any: [help] None

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. [help]
None

b. Proposed measures to reduce or control direct impacts on public services, if any. [help]
None

16. **Utilities**

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

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. [help] N/A

C. Signature [HELP]

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: Lauri Vigue

Name of signee Lauri Vigue

Position and Agency/Organization Environmental planner - Wa. Dept Fish + Wildlife

Date Submitted: 5/17/16

D. supplemental sheet for nonproject actions [help]

(**IT IS NOT NECESSARY** to 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?

   N/A

   Proposed measures to avoid or reduce such increases are:

   N/A

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

   The goals of this wildlife area management plan are to:
   Maintain or improve the ecological integrity of priority sites
   Recover western pond turtle populations in the wildlife area to healthy, self-sustaining levels.
   Improve forest health while maintaining and/or improving western gray squirrel and Oregon white oak habitat.
   Maintain and enhance the Oregon white oak woodlands.
   Recover western gray squirrel populations in and around the wildlife area to healthy, self-sustaining levels.
   Achieve species diversity at levels consistent with healthy ecosystems
   Maintain and restore riparian and instream habitat for steelhead and salmon along Klickitat River.
   Maintain and enhance deer and upland bird habitat.

   Proposed measures to protect or conserve plants, animals, fish, or marine life are:
   See Appendix A in the Plan (Goals, objectives, and performance measures) for Klickitat Wildlife Area.

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

   N/A

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

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?

   The goals of this plan (outlined above) provides protection and enhancement for fish and wildlife including western gray squirrel, western pond turtle, black-tailed deer, elk, and cougar.

Appendix A includes restoration activities for the wildlife area for the next 10 years that will enhance threatened and endangered species habitat, wetlands and floodplains. Cultural resource sites will be protected as described in 13C. Fisher Hill and Sondino Ponds units are located within the Columbia Gorge National Scenic Area.

Proposed measures to protect such resources or to avoid or reduce impacts are:
See Appendix A in the Plan (Goals, objectives, and performance measures) for Klickitat Wildlife Area.

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?
This management plan provides protection and enhancement measures for shorelines including the Klickitat River bordering on the Soda Springs, Mineral Springs, Dillacort Canyon and Fisher Hills units.

Proposed measures to avoid or reduce shoreline and land use impacts are:
Limit camping along the Klickitat River to established campgrounds on the Soda Springs and Mineral Springs units. This will be accomplished by developing outreach program, placement of signs and increasing enforcement patrols in the areas of concern.

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

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

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment. This management plan meets all federal, local and state requirements for protection of the environment.