

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

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

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 [Find help answering background questions](#)

1. **Name of proposed project, if applicable:** L.T. Murray Wildlife Area Management Plan

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

3. **Address and phone number of applicant and contact person:** Holly English, Lands and Recreation Planner, WDFW, 1130 W. University Way, Ellensburg, WA 98926. 360-489-4253.

4. **Date checklist prepared:** 5/12/23

5. **Agency requesting checklist:** WDFW

6. **Proposed timing or schedule (including phasing, if applicable):** A public open house is scheduled for 6/21/23 at the Armory building at the Kittitas County Event Center to solicit public comment on the draft plan. Internal review of public comments and review of the final draft will commence after the public SEPA comment. A decision will be made on the WDFW proposal following the public comment period. Final plan will be published on the WDFW website in 2023.

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

8. **List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.** The WDFW proposal is supported by scientific literature that guides management in this plan. An implementation plan will be developed by the wildlife area manager and staff to phase in the goals and objectives of the plan that direct management of wildlife, habitat, and recreation on the wildlife area.

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. N/A

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

The draft plan will be reviewed for enactment by the Director of WDFW following a public comment period. The U.S. Fish and Wildlife Service and Yakama Nation have consulted on this plan as required by law, prior to submission for SEPA review.

11. Give a 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 L.T. Murray Wildlife Area plan will affect the management of 119,395 acres of public land managed by the Washington Department of Fish and Wildlife. The draft plan guides management and sets priorities for the wildlife area over the next ten years. The plan presents specific goals and objectives, and performance measures addressing the management of game and diversity species, habitat, recreation, cultural and historic resources, administration of the wildlife area, and community relations. The plan, if approved, will affect the following units of the L.T. Murray Wildlife area: L.T. Murray, Teanaway, Yakima River, Quilomene and Whiskey Dick units. Kittitas County is the affected county. For unit descriptions, see the attached maps.

Proposed uses include: fish and wildlife conservation, protecting and restoring shrubsteppe, forest, meadow, riparian, and wetland habitats; monitoring and protecting federally listed bull trout, gray wolf, and spotted owl habitats, and anadromous fish populations; weed management, forest management activities to enhance forest health, protecting and providing habitat for game and diversity species; monitoring and improvement of ecological integrity across the wildlife area, monitoring of game and diversity species; enhancing habitat for large and small game, including upland game birds; enhancement of habitat for focal species and species of greatest conservation need, protection and restoration of rare, sensitive, and endangered plant communities and enhancement of pollinator habitat. For a complete list, see the goals and objectives section of the plan. Recreational projects include: Develop and maintain recreational facilities at the wildlife area; conduct a trails assessment/inventory for the purpose of designating a sustainable trail network on the wildlife area; develop a strategy to improve outreach and education on sustainable recreation use and education on conservation and appreciation of natural and cultural resources.

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 L.T. Murray Wildlife Area is located in Kittitas County, Washington, USA. The plan will affect the following wildlife area units: L.T.

Murray, Teanaway Valley, Yakima River, Quilomene, and Whiskey Dick. Maps of each unit are attached.

B. Environmental Elements

1. Earth [Find help answering earth questions](#)

- a. **General description of the site:** The L.T. Murray Wildlife Area is a large public land area located in Central Washington. It encompasses approximately 119,395 acres of mixed conifer forest, lithosol shrub steppe and grasslands, meadow, riparian, and wetland habitats. Elevations range between 575 and 5,818 feet.
- b. **What is the steepest slope on the site (approximate percent slope)?** Not relevant to WDFW proposal.
- 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.** The L.T. Murray Wildlife Area is generally characterized by lithosols, and a mix of loamy soils and gravelly soils with a low to moderate soil pH. The area is also known to have a high concentration of basalt rock, which can influence the soil's nutrient content and water-holding capacity.
- d. **Are there surface indications or history of unstable soils in the immediate vicinity? If so describe.** Not relevant to WDFW proposal.
- 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.** Not relevant to WDFW proposal.
- f. **Could erosion occur because of clearing, construction, or use? If so, generally describe.** Not relevant to WDFW proposal.
- g. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?** Not relevant to WDFW proposal.
- h. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any. Not applicable.** Not relevant to WDFW proposal.

2. Air [Find help answering air questions](#)

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. None.

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.

Not relevant to WDFW proposal.

3. Water [Find help answering water questions](#)

a. Surface Water: [Find help answering surface water questions](#)

- 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.** There are several tributaries of the Yakima and Columbia rivers that flow through the L.T. Murray Wildlife area. Major tributaries of the Yakima River that flow through units of the wildlife area include the: Teanaway River, Manastash Creek, and Taneum Creek. Major tributaries of the Columbia River that flow through the WLA include the Quilomene, Whiskey Dick, and Skookumchuck creeks. Several minor tributaries, wetlands, ponds, and intermittent streams are located on the wildlife area. Maps showing surface water bodies are included in the fish maps section of the plan.
- 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.** Not relevant to WDFW proposal.
- 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.** Not relevant to WDFW proposal.
- 4. Will the proposal require surface water withdrawals or diversions? Give a general description, purpose, and approximate quantities if known.** No surface water withdrawals or diversion are proposed.

5. **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.** Not relevant to WDFW proposal.
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.** Not relevant to WDFW proposal.

b. Ground Water: [Find help answering ground water questions](#)

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 a 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 (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 relevant to WDFW proposal.

c. Water Runoff (including stormwater):

a) 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. All runoff is from rainfall. All surfaces within the units are permeable and most of the water should be collected naturally by the ground or flow into small stream, wetlands, and rivers.

b) Could waste materials enter ground or surface waters? If so, generally describe. Not relevant to WDFW proposal. There are not waste material on site that could enter ground or surface waters.

c) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe. Not relevant to WDFW proposal.

d) Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any. Not relevant to WDFW proposal.

4. Plants [Find help answering plants questions](#)

- a. **Check the types of vegetation found on the site:**
 - deciduous tree: alder, maple, aspen, other**
 - evergreen tree: fir, cedar, pine, other**

- shrubs
- grass
- pasture
- crop or grain
- orchards, vineyards, or other permanent crops.
- 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?** None.
- c. **List threatened and endangered species known to be on or near the site.** Palouse milkvetch (T), Gray cryptantha (T), Knoke’s biscuitroot (E), Hairy Goldenweed (T)
- d. **Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.** Native plantings will be used to restore a number of habitat types during restoration projects, including post fire restoration of shrubsteppe, during weed management, forest treatment projects, and riparian restoration projects.
- e. **List all noxious weeds and invasive species known to be on or near the site.** Weed species of concern on the LT Murray WLA include but are not limited to: Please see Weed Management plan in the appendices for a full list of noxious weeds.

Weed Species	2022 State/County Weed Class
General Weeds	NA
Bull thistle	C
Canada thistle	C
Dalmatian toadflax	B
Diffuse knapweed	B
Field bindweed	C
Kochia	B
Meadow knapweed	B
Medusahead	C
Musk thistle	B
Purple loosestrife	B
Russian knapweed	B

Russian thistle	NA
Scotch broom	B
Scotch thistle	B
St. Johnswort	C
Sulphur cinquefoil	B
Ventenata	C
Whitetop	C
Yellow starthistle	B

5. Animals [Find help answering animal questions](#)

- a. **List any birds and other animals that have been observed on or near the site or are known to be on or near the site.** Please see Table 10 for a complete list of species of concern included in the plan (attached) .

Examples include:

- **Birds:** hawk, heron, eagle, songbirds, other:
- **Mammals:** deer, bear, elk, beaver, other:
- **Fish:** bass, salmon, trout, herring, shellfish, other:

- b. **List any threatened and endangered species known to be on or near the site.** Gray wolf, Golden eagle, Northern spotted owl, Bull trout, Mid-Columbia Steelhead, Mid-Columbia Chinook salmon, Greater Sage-grouse. See Table 10 attached for a complete list of species and their conservation status attached.
- c. **Is the site part of a migration route? If so, explain.** The wildlife area is part of the Pacific flyway for migratory birds and also provides connectivity for wildlife to disperse to larger tracts of high quality habitat on adjacent lands. Migratory routes exist for game species and non-game species.
- d. **Proposed measures to preserve or enhance wildlife, if any.** The mission of WDFW is in part to enhance wildlife and habitat on WDFW lands and across the state. The plan specifies how the agency will fulfill this mission on the L.T. Murray Wildlife area. Specific actions include: fish and wildlife conservation, protecting and restoring shrubsteppe, forest, grassland, meadow, riparian, and wetland habitats; monitoring and protecting federally listed bull trout, gray wolf, and spotted owl habitats, and anadromous fish populations; weed management, forest management activities to enhance forest health, protecting and providing habitat for game and diversity species; monitoring and improvement of ecological integrity across the wildlife area, monitoring of game and diversity species; enhancing habitat for large and small game, including upland game birds; enhancement of habitat for focal species and species of greatest conservation need, protection and restoration of rare, sensitive, and endangered plant communities and enhancement of pollinator habitat.

- e. **List any invasive animal species known to be on or near the site.** Nonnative game and diversity species do exist on the wildlife area. Historically, nonnative upland birds, mammals, and fish have been introduced across Washington state for hunting opportunities. Nonnative plant and animal species have been relocated through human transport. See the species section for a description of non-native species.

6. Energy and Natural Resources [Find help answering energy and natural resource questions](#)

1. **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.** Not relevant to WDFW proposal.
2. **Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.** Not relevant to WDFW proposal.
3. **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.** Not relevant to WDFW proposal.

7. Environmental Health [Find help with answering environmental health questions](#)

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur because of this proposal? If so, describe. Not relevant to WDFW proposal.

1. **Describe any known or possible contamination at the site from present or past uses.** No known contamination is on the site. Not relevant to WDFW proposal.
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.** Not relevant to WDFW proposal.
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.** Not relevant to WDFW proposal.
4. **Describe special emergency services that might be required.** Not relevant to WDFW proposal.

5. **Proposed measures to reduce or control environmental health hazards, if any.** Not relevant to WDFW proposal .

b. Noise

1. **What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?** Not relevant to WDFW proposal.
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)?** Not relevant to WDFW proposal.
3. **Proposed measures to reduce or control noise impacts, if any.** Not relevant to WDFW proposal.

8. Land and Shoreline Use [Find help answering land and shoreline use questions](#)

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. The current uses of WDFW wildlife areas are recreation and wildlife conservation. WDFW lands are surrounded by rural lands, public preserves, and agriculture, including commercial agriculture and forestry. The wildlife area units are surrounded by a DNR, U.S. Forest Service, State Parks, and Teanaway Community Forest lands as well as lands held in trust by the Trust for Public Lands and the Nature Conservancy. The proposal will not affect land uses on adjacent properties. Management actions are used to minimize disturbance or damage to adjacent lands from wildlife. About 19,682 acres of the wildlife area are leased, mainly from the Department of Natural Resources, with approximately 4,413 acres leased from private parties. WDFW leases 80 acres of the Whiskey Dick WLA to Puget Sound Energy for the operation of nine wind turbines. The land was leased to Puget Sound Energy (PSE) in 2005 and is operated as part of the Wild Horse Wind Farm. A 5-year agricultural lease of water is approved for crop production on private property adjacent to the wildlife area. The lessee is required to offset the loss of habitat, manage weeds, and maintain pollinator habitat.

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 because 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? Not relevant to WDFW proposal.

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?** Not relevant to WDFW proposal.

c. Describe any structures on the site. The L.T. Murray WLA has several structures between all sub-units, and they are as follows: Watt Canyon hay barn and staging area (LTM), historical Manastash Cabin regularly maintained by volunteer stewards (LTM), Hog Farm cellar and cobble wall in Robinson Canyon (LTM), remnants of a homestead property in Watt Canyon off of Watt Canyon Road (LTM), remnant pipes and concrete slab of Pumphouse Road pumphouse (WD, burned in 2022 Vantage Fire), 2 abandoned concrete cisterns (WD), 9 water troughs in grazing areas (QU), 11 large yellow metal gates (all WLA units), 14 WDFW kiosks (6 on LTM, 6 on WD-QU, 1 on TVU, and 1 on YRU).

d. Will any structures be demolished? If so, what? No structures are scheduled to be demolished.

e. What is the current zoning classification of the site? Commercial Ag, Commercial Forest, Forest and Range, Agricultural 20.

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

Wildlife Area Unit	Zoning Designation (s)	Land Use Designation	Contains Shorelines per Shoreline Master Plan (SMP)	SMP Designation
L.T. Murray Unit	Commercial Agriculture; Commercial Forest; Forest and Range	Rural working land use; Commercial agriculture land use; Commercial Forest land use	YES – Taneum Creek	Natural; Rural Conservancy; Aquatic
Quilomene Unit	Forest and Range; Commercial Forest	Rural working land use; Commercial forest land use	YES – Columbia River	Natural; Aquatic
Teanaway Valley Unit	Agriculture 20; Forest and Range; Commercial Forest	Rural working land use; Commercial Forest land use	YES – Teanaway River	Rural Conservancy; Aquatic
Whiskey Dick Unit	Commercial Agriculture; Forest and Range	Commercial Agriculture land use; Rural working land use	YES – Columbia River	Natural; Aquatic
Yakima River Unit	Forest and Range; Commercial Forest	Rural working land use; Commercial Forest Land use	YES – Cabin Creek, Yakima River, Lake Easton	Rural Conservancy; Aquatic

- g. If applicable, what is the current shoreline master program designation of the site?**
Natural, Rural Conservancy, Aquatic
- h. Has any part of the site been classified as a critical area by the city or county?** See table above.
- i. Approximately how many people would reside or work in the completed project?** Not relevant to WDFW proposal.
- j. Approximately how many people would the completed project displace?** Not relevant to WDFW proposal.
- k. Proposed measures to avoid or reduce displacement impacts, if any.** Not relevant to WDFW proposal.
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any.** WDFW proposal would support the conservation purpose of the affected lands. Measures identified in this plan are compatible with local land use regulations.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any.** Measures identified in the plan are compatible with nearby agricultural land use and forest lands.

9. Housing [Find help answering housing questions](#)

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.** No additional 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.** Not relevant to WDFW proposal.
- c. Proposed measures to reduce or control housing impacts, if any.** Not relevant to WDFW proposal.

10. Aesthetics [Find help answering aesthetics questions](#)

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

Not relevant to WDFW proposal.

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

Not relevant to WDFW proposal.

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

Not relevant to WDFW proposal.

11. Light and Glare [Find help answering light and glare questions](#)

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

Not relevant to WDFW proposal.

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

Not relevant to WDFW proposal.

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

Not relevant to WDFW proposal.

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

Not relevant to WDFW proposal.

12. Recreation [Find help answering recreation questions](#)

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

Recreation activities on and adjacent to the areas affected by the proposal include hunting, fishing, hiking, mountain biking, motorized recreation, camping, nature viewing, and other popular opportunities.

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

The above listed recreational activities could be modified on the landscape to reduce impacts to wildlife and habitat, or to enhance recreational opportunities and user safety by improving the design and maintenance of roads and trails.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any.** WDFW will continue to allow recreational uses where their presence poses no threat to the health of habitat, cultural resources, or wildlife. A

combination of data collection, adaptive management, enforcement, outreach, signage and rulemaking will be used to reduce the impacts of recreation on the wildlife area.

13. Historic and Cultural Preservation [Find help answering historic and cultural preservation questions](#)

- 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? If so, specifically describe.**

No

- 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.** The L.T. Murray WLA is ceded territory of the fourteen band and tribes of the Yakama Nation. Cultural resource staff consults with the fourteen bands and tribes of the Yakama Nation in surveying and protecting cultural resources on tribal ceded lands. Cultural review is conducted prior to projects initiated on the wildlife area.

- 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.**

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, 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 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 [Find help with answering transportation questions](#)

- 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.**

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?**

No, its 1-5 miles to the nearest transit stop.

- c. 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).**

Not relevant to WDFW proposal

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

Not relevant to WDFW proposal

- e. 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?**

Not relevant to WDFW proposal

- f. 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.**

Not relevant to WDFW proposal

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

Not relevant to WDFW proposal

15. Public Services [Find help answering public service questions](#)

- 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.**

No

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

Not relevant to WDFW proposal

16. Utilities [Find help answering utilities questions](#)

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

Not relevant to WDFW proposal.

- 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.**

Not relevant to WDFW proposal.

C. Signature [Find help about who should sign](#)

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.

6/12/2023

X Holly A. English

Signed by: English, Holly (DFW)

Type name of signee Holly English:

Position and agency/organization: Lands and Recreation Planner, WDFW

Date submitted: 6/12/2023

D. Supplemental sheet for nonproject actions [Find help for the nonproject actions worksheet](#)

IT IS NOT REQUIRED to use this section 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 proposal contains measures to restore habitat, including forest, shrubsteppe, meadow, riparian, and wetland; protect game and diversity species, recover SGCN and federally listed species and habitats with a special conservation status, and manage recreation while minimizing impacts to wildlife and habitat.

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

Outreach, education, enforcement, habitat improvement projects, ecological system monitoring, game and diversity species monitoring and management. See management plan for a complete list of goals, objectives, and performance measures.

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

Not relevant to WDFW proposal.

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

Not applicable

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?

WDFW proposal could restrict access of visitors to specific areas of different wildlife units to protect threatened or endangered species, species of greatest conservation need, or sensitive habitats.

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

See management plan (Goals, objectives, and performance measures section).

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? Improvements to designated water access or access areas to water bodies on the wildlife area are proposed. This management plan provides protection and enhancement measures for riparian, meadow, and wetland systems on all units of the wildlife area.

Proposed measures to avoid or reduce shoreline and land use impacts area: N/A

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.