

*STATE FOREST LAND*  
**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.

*Questions in italics are supplemental to Ecology’s standard environmental checklist. They have been added by the DNR to assist in the review of state forest land proposals. Adjacency and landscape/watershed-administrative-unit (WAU) maps for this proposal are available on the DNR internet website at <http://www.dnr.wa.gov/sepa>. These maps may also be reviewed at the DNR regional office responsible for the proposal. This checklist is to be used for SEPA evaluation of state forest land activities.*

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:***

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**

1. Name of proposed project, if applicable:

*Timber Sale Name:* **LIBERTY**  
*Agreement #* **30-106233**

2. Name of applicant: **Washington Department of Natural Resources**

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

**Kevin Alexander, Proprietary Manager**  
**713 Bowers Road**  
**Ellensburg, WA, 98926**  
**(509) 925-8510**

4. Date checklist prepared: **01/19/2024**

5. Agency requesting checklist: **Washington Department of Natural Resources**

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

a. *Auction Date:*

**06/13/2024**

b. *Planned contract end date (but may be extended):*

**10/31/2026**

c. *Phasing:*

**None**

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

*No, go to question 8.*

*Yes, identify any plans under A-7-a through A-7-d:*

a. *Site Preparation:* **None.**

b. *Regeneration Method:* **Hand planting will occur in Unit 1 no more than 2 years after harvest.**

c. *Vegetation Management:* **None planned.**

d. *Other:*

**Road maintenance assessments will be conducted and may include periodic ditch and culvert cleanout, and grading as necessary. Road reconstruction is associated with this forest management activity.**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *Note: All documents are available upon request at the DNR Region Office.*

*303 (d) – listed water body in WAU:*

*temp*

- sediment*
- completed TMDL (total maximum daily load)*
- Landscape plan:*
- Watershed analysis:*
- Interdisciplinary team (ID Team) report:*
- Road design plan: 02/08/2024*
- Wildlife report: Wolf management plan available upon request.*
- Geotechnical report:*
- Other specialist report(s):*
- Memorandum of understanding (sportsmen's groups, neighborhood associations, tribes, etc.):*
- Rock pit plan:*
- Other: Forest Practices Board Manual; Forest Practices Activity Map; Policy for Sustainable Forests (PSF 2006); State Soil Survey; Forest Practices Landslide Inventory; Habitat Conservation Plan (HCP 1997, and HCP Amendment #1 for the Klickitat HCP Planning Unit April 2004); HCP Checklist; LRM reports; Road Maintenance and Abandonment Plan (RMAP #270086L), 20-Year Forest Health Strategic Plan. The following information is provided by DNR's GIS database: Spotted Owl Habitat Layer; and USGS and GLO maps.**

**Referenced documents may be obtained at the region office responsible for this proposal.**

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 known.**

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

- FPA # 2707624*       *FPHP*       *Board of Natural Resources Approval*
- Burning permit*       *Shoreline permit*       *Existing HPA*
- Other:*

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.)

*a. Complete proposal description:*

**The LIBERTY Timber Sale is a proposed 60 net-acre Variable Retention Harvest (VRH) of approximately 1,016 MBF of merchantable timber on State Trust land in Klickitat County. This proposal includes 1 unit and will be harvested entirely by ground based equipment. The sale is located off Canyon road in Klickitat County and is administratively located**

within the Klickitat Scattered sub-landscape, which is managed as no-role within the Klickitat Habitat Conservation Plan (HCP).

The roadwork associated with the proposal includes 7,290 feet of pre-haul maintenance and 4,015 feet of reconstruction of existing forest roads.

Unit	Proposal Acres (gross)	RMZ/WMZ Acres	Potentially Unstable Slope Acres	Existing Road Acres (within unit)	Sale Acres	Leave Tree Clump Acres	Net Harvest Acres
1	68.5	4	0	0	64.5	4.5	60
Totals	68.5	4	0	0	64.5	4.5	60

b. Describe the stand of timber pre-harvest (include major timber species and origin date), type of harvest and overall unit objectives.

*Pre-harvest Stand Description:*

Unit	Origin Date	Major Timber Species	Type of Harvest
1	1963	Douglas-fir / grand fir	Variable Retention Harvest (VRH)

Unit 1 is comprised of two (2) stand types with a unit average of 75% Douglas-fir, 25% grand fir, and a minor component of ponderosa pine by major species composition. The stand is in mid-seral condition with 127 trees per acre (TPA) and 163 square feet of basal area per acre (BA) larger than 10 inches diameter at breast height (DBH). Most of the unit has no regeneration present. Root rot pockets exists throughout the unit and varies from heavily affecting grand fir to isolated instances of Douglas-fir. Fir engraver is also present in the grand fir mortality.

*Overall Unit Objectives:*

- Produce revenue for the State Forest Transfer trust (01) through the production of saw logs and pulp material.
- Provide for wildlife and riparian habitat by developing vertical stand structure and age class distribution in the future stands.
- Increase the fire resistance and resiliency of the timber stands.
- Improve stand health by adding early seral species resistant to laminated root rot.

c. Describe planned road activity. Include information on any rock pits that will be used in this proposal. See associated forest practice application (FPA) for maps and more details.

Type of Activity	How Many	Length (feet) (Estimated)	Acres (Estimated)	Fish Barrier Removals (#)
Construction		-	-	-
Reconstruction		4,015		-
Maintenance		7,290		-
Abandonment		-	-	-
Bridge Install/Replace	-			-
Stream Culvert Install/Replace (fish)	-			-
Stream Culvert Install/Replace (no fish)	-			
Cross-Drain Install/Replace	-			

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 (See “WAU Map(s)” and “Timber Harvest Unit Adjacency Map(s)” as referenced on the DNR website: <http://www.dnr.wa.gov/sepa>. Click on the DNR region of this proposal under the Topic “Current SEPA Project Actions - Timber Sales.” Proposal documents also available for review at the DNR Region Office.)

a. Legal description: **T4-0N R12-0E S03**

b. Distance and direction from nearest town: **The proposal is approximately 5 miles north of Appleton, WA and is accessed via Canyon Road. The main forest road into the sale area is the H3900.**

13. Cumulative Effects

a. Briefly describe any known environmental concerns that exist regarding elements of the environment in the associated WAU(s). (See WAC 197-11-444 for what is considered an element of the environment).

**This timber harvest is located within the Panakanic Watershed Administrative Units (WAUs).**

**The low to mid elevation lands in the WAU are a mixture of agricultural land, home sites and forest land, whereas the uplands are mainly managed for timber production. Ownership includes industrial forests, United States Forest Service, small private, and DNR managed forests. Forested stands within the WAU are primarily second and third growth stands. The numbers of forest practices shown on the WAU map along with observations within the WAU indicate that the WAU is intensively managed for timber production, including regeneration harvests and partial cuts.**

**Portions of the Rattlesnake Creek are listed as 303 (d) temperature. However, due to the**

location of the proposal area there should be no impact on the listed water. Perennial streams identified in the proposal have been bounded out with a no cut buffer, which will provide shade and mitigate stream temperature.

*b. Briefly describe existing plans and programs (i.e. the HCP, DNR landscape plans, retention tree plans) and current forest practice rules that provide/require mitigation to protect against potential impacts to environmental concerns listed in question A-13-a.*

The DNRs landscape evaluations for the 20-year Forest Health Strategic Plan for DNR managed forests in eastern Washington identified the Husum area as high priority for restoration. This determination was due to the forest health conditions (i.e. overstocked stands) and values at risk associated with this landscape.

The Department of Natural Resources has a multi-species Habitat Conservation Plan (HCP) with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service concerning threatened and endangered species and their habitats, which requires the Department to manage landscapes to provide and sustain long-term habitat in exchange for an Incidental Take Permit. This agreement substantially helps the Department to mitigate for cumulative effects related to management activities.

**Washington State Forest Practices:**

- Even-aged strategy implemented for Np creek that preserves 70% of the stream reach in a no-cut buffer.
- Equipment Limitation Zone (ELZ) of 30 feet established from bankfull width of Np creek.
- Proposal was evaluated for potential unstable slopes. The entire sale area was reviewed remotely by a State Lands geologist and field verified by a State Lands forester.

*c. Briefly describe any specific mitigation measures proposed, in addition to the mitigation provided by plans and programs listed under question A-13-b.*

**None.**

*d. Based on the answers in questions A-13-a through A-13-c, is it likely potential impacts from this proposal could contribute to any environmental concerns listed in question A-13-a?*

**No.**

*e. Complete the table below with the reasonably foreseeable future activities within the associated WAU(s) (add more lines as needed). Future is generally defined as occurring within the next 7 years. This data was obtained from DNR’s Land Resource Manager System on the date of processing this checklist and may be subject to change.*

WAU Name	Total WAU Acres	DNR-managed WAU Acres	Acres of DNR proposed even-aged harvest in the future	Acres of DNR proposed uneven-aged harvest in the future	Acres of proposed harvest on non-DNR-managed lands currently under active FP permits
PANAKANIC	37953	7387	242	1	1316

**Other management activities, such as stand and road maintenance, will likely occur within the associated WAU(s).**

**B. ENVIRONMENTAL ELEMENTS**

**1. Earth**

a. General description of the site (check one):

Flat,  Rolling,  Hilly,  Steep Slopes,  Mountainous,  Other:

1. *General description of the associated WAU(s) or sub-basin(s) within the proposal (landforms, climate, elevations, and forest vegetation zone).*

<b>WAU:</b>	PANAKANIC
<b>WAU Acres:</b>	37953
<b>Elevation Range:</b>	294 - 3040 ft.
<b>Mean Elevation:</b>	1900 ft.
<b>Average Precipitation:</b>	42 in./year
<b>Primary Forest Vegetation Zone:</b>	Douglas Fir

2. *Identify any difference between the proposal location and the general description of the WAU or sub-basin(s).*

**This proposal is a representative example of the WAUs at the same elevation and aspect.**

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

**30%**

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

*Note: The following table is created from state soil survey data. It is an overview of general soils information for the soils found in the sale area. The actual soil conditions in the sale area may vary considerably based on land-form shapes, presence of erosive situations, and other factors.*

State Soil Survey #	Soil Texture
6230	LOAM
4693	LOAM

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

No, go to question B-1-e.

Yes, briefly describe potentially unstable slopes or landforms in or around the area of the proposal site. For further information, see question A-8 for related slope stability documents and question A-10 for the FPA number(s) associated with this proposal.

1) Does the proposal include any management activities proposed on potentially unstable slopes or landforms?

No  Yes, describe the proposed activities:

2) Describe any slope stability protection measures (including sale boundary location, road, and harvest system decisions) incorporated into this 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.

*Approx. acreage new roads:* 0

*Approx. acreage new landings:* <5

*Fill Source:* None.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.  
**Yes. Some erosion could occur as a result of building new roads, installing culverts, and hauling timber.**

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *Approximate percent of proposal in permanent road running surface (includes gravel roads):*  
**Approximately <1% of the site will remain as gravel roads. The forest roads are all currently native surface and are expected to remain as such throughout the timber sale. Approximately 100 ft. of the approach to Canyon Rd. is rocked.**

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:  
**Seasonal operating restriction and road maintenance during logging.**

## 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.  
**Minor amounts of engine exhaust from logging and road construction equipment and dust from vehicle traffic on roads will be emitted during proposed activities. If landing debris is burned after harvest is completed, smoke will be generated. There will be no emissions once the proposal is complete.**

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.  
**None known.**

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



**If landing debris is burned, it will be in accordance with Washington State’s Smoke Management Plan. A burn permit will be obtained before burning occurs.**

**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. (See “WAU Map(s)” and “Timber Harvest Unit Adjacency Map(s)” as referenced on the DNR website: <http://www.dnr.wa.gov/sepa>. Click on the DNR region of this proposal under the Topic “Current SEPA Project Actions - Timber Sales.” Proposal documents also available for review at the DNR Region Office.)

No  Yes, describe in 3-a-1-a through 3-a-1-c below

a. Downstream water bodies: **Unnamed Np stream to Rattlesnake Creek, then to the White Salmon River, then to the Columbia River, which flows into the Pacific Ocean.**

b. Complete the following riparian & wetland management zone table:

Wetland, Stream, Lake, Pond, or Saltwater Name (if any)	Water Type	Number (how many?)	Avg RMZ/WMZ Width in feet (per side for streams)
Stream (Ck1)	Np	1	50 ft.
	Np	1	30 ft. Equipment Limitation Zone (ELZ)

c. List any additional RMZ/WMZ protection measures including silvicultural prescriptions, road-related RMZ/WMZ protection measures and wind buffers. **The 50 ft. no-cut buffer along the typed Np water is expanded in several areas through the addition of a Leave Tree Area and individual Leave Trees.**

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.

No

Yes (See RMZ/WMZ table above and timber sale maps which are available on the DNR website: <http://www.dnr.wa.gov/sepa>. Timber sale maps are also available at the DNR region office.)

Description (include culverts): **Timber sale boundaries exclude Riparian Management Zones for typed water. This includes an Np stream where the even-aged option is implemented on approximately 30% of the reach per WAC 222-30-022 and leaves a buffer that meets the upper end of basal area requirement for the ponderosa pine habitat type. A 30 ft. Equipment Limitation Zone (ELZ) will be**

**established from bankfull width of the stream to prevent equipment from crossing and potentially damaging the channel.**

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

**None.**

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. (*Include diversions for fish-passage culvert installation.*)

No       Yes, description:

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

No       Yes, describe activity and location:

- 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.  
**It is not likely that any waste materials will be discharged into the surface water(s). However, minor amounts of oil, fuel, and other lubricants may inadvertently be discharged to the adjacent surface water(s) as a result of heavy equipment use or mechanical failure. No lubricants will be disposed of on-site.**

- 7) *Is there a potential for eroded material to enter surface water as a result of the proposal considering the protection measures incorporated into the proposal's design?*

No       Yes, describe:

**Soils and terrain susceptible to surface erosion are generally located on slopes steeper than 70%. The potential for eroded material to enter surface water is minimized due to the erosion control measures and exclusion of stream channels from the unit.**

- 8) *What are the approximate road miles per square mile in the associated WAU(s)?*

**PANAKANIC = 5.5 (mi./sq. mi.)**

- 9) *Are there forest roads or ditches within the associated WAU(s) that deliver surface water to streams, rather than back to the forest floor?*

No       Yes, describe:

**It is likely some roads or road ditches within the WAU intercept sub-surface flow and deliver surface water to streams, however current road work standards will be applied that address this issue by installing cross-drains to deliver ditch water to stable forest floors.**

- 10) *Is there evidence of changes to channels associated with peak flows in the proposal area*

*(accelerated aggradations, surface erosion, mass wasting, decrease in large organic debris (LOD), change in channel dimensions)?*

No       Yes, describe observations:

**There is evidence of changes to channels across the WAU(s). These changes are a result of natural events such as spring runoff from snowmelt and significant storm events. Channel migration, scouring, and deposition of material can be seen in channels across the WAU(s); this indicates those channels historically experience higher water levels and peak flows**

11) *Describe any anticipated contributions to peak flows resulting from this proposal's activities which could impact areas downstream or downslope of the proposal area. It is not likely the proposed activity will change the timing, duration, or volume of water during a peak flow event. This proposal limits harvest unit size and proximity to other recent harvests, minimizes the extent of the road network, incorporates road drainage disconnected from stream networks, and implements wide riparian buffers which all have mitigating effects on the potential for this proposal to increase peak flows that could impact areas downstream or downslope of the proposal area.*

12) *Is there a water resource (public, domestic, agricultural, hatchery, etc.), or area of slope instability, downstream or downslope of the proposed activity?*

No       Yes, describe the water resource(s):

*a. Is it likely a water resource or an area of slope instability listed in B-3-12 (above) will be affected by changes in amounts, quality or movements of surface water as a result of this proposal?*

No       Yes, describe possible impacts:

13) *Describe any protection measures, in addition to those required by other existing plans and programs (i.e. the HCP, DNR landscape plans) and current forest practice rules included in this proposal that mitigate potential negative effects on water quality and peak flow impacts.*

**Chemical spill kits are required to be onsite while any operations are occurring.**

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.

**No water will be withdrawn or discharged.**

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.

**Minor amounts of oil, fuel, and other lubricants may inadvertently be discharged to the ground as a result of heavy equipment use or mechanical failure. No lubricants will be disposed of on-site. All spills are required to be contained and cleaned-up. This proposal is expected to have no impact on ground water.**

3) *Is there a water resource use (public, domestic, agricultural, hatchery, etc.), or area of slope instability, downstream or downslope of the proposed activity?*

*No*             *Yes, describe:*

*a. Is it likely a water resource or an area of slope instability listed in B-3-b-3 (above) could be affected by changes in amounts, timing, or movements of groundwater as a result this proposal?*

*No*             *Yes, describe possible impacts:*

*Note protection measures, if any: N/A.*

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.

**Water runoff, including storm water, from road surfaces will be collected by roadside ditches and diverted onto the forest floor via ditch-outs and cross drain culverts.**

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

*No*             *Yes, describe:*

**Waste materials, such as sediment or slash, may enter surface water.**

*Note protection measures, if any:*

**No additional protection measures will be necessary to protect these resources beyond those described in B-1-d-2, B-1-h, B-3-a-2, and B-3-a-13.**

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

**No changes to drainage patterns are expected.**

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

**See surface water, ground water, and water runoff sections above, questions B-3-a-1-c, B-3-a-13, B-3-b-3, and B-3-c-2.**

#### 4. Plants

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

Deciduous tree:

Alder  Aspen  Birch  Cottonwood  Maple  Western Larch

Other:

Evergreen tree:

Douglas-Fir  Engelmann Spruce  Grand Fir  Lodgepole Pine

Mountain Hemlock  Noble Fir  Pacific Silver Fir  Ponderosa Pine

Sitka Spruce  Western Hemlock  Western Redcedar  Yellow Cedar

Other:

Shrubs:

Huckleberry  Rhododendron  Salmonberry  Salal

Other: **Vine maple**

Ferns

Grass

Pasture

Crop or Grain

Orchards  Vineyard  Other Permanent Crops

Wet Soil Plants:

Bullrush  Buttercup  Cattail  Devil's Club  Skunk Cabbage

Other:

Water plants:

Eelgrass  Milfoil  Water Lily

Other:

Other types of vegetation:

Plant communities of concern:

b. What kind and amount of vegetation will be removed or altered? (Also see answers to questions A-11-a, A-11-b and B-3-a-2).

**The proposed timber harvest will remove a total of 1,016 MBF of merchantable timber comprised of approximately 781 MBF of Douglas-fir, 228 MBF of grand fir, and 7 MBF of ponderosa pine. Tree tops and limbs will be piled and burned on the landings after the timber harvest. Harvesting activities such as skidding may remove a portion of the vine maple and other shrubs on the site. The post-harvest planting in Unit 1 will shift the species composition to a larger portion of ponderosa pine in preparation for a warming climate and mitigation against the root disease.**

1) Describe the species, age, and structural diversity of the timber types immediately adjacent to the removal area. (See "WAU Map(s)" and "Timber Harvest Unit Adjacency Map(s)" on the DNR website: <http://www.dnr.wa.gov/sepa>. Click on the DNR region of this proposal under the Topic "Current SEPA Project Actions - Timber Sales." Proposal documents also available for review at the DNR Region Office.)

**Unit 1 is mostly bordered by private industrial forestland to the west and south however, a stand of 40 year old State Timber borders the southern boundary, and mix of 47 year old and 99 year old State timber to the north and east.**

- c. List threatened and endangered *plant* species known to be on or near the site.  
**None found in corporate database**
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:  
**None.**
- e. List all noxious weeds and invasive species known to be on or near the site.  
**Scotch broom, and cheat grass.**

## 5. Animals

- a. List any birds and other animals *or unique habitats* which have been observed on or near the site or are known to be on or near the site. Examples include:  
birds:  
 eagle  hawk  heron  owls  songbirds  
 other:  
mammals:  
 bear  beaver  coyote  cougar  deer  elk  
 other:  
fish:  
 bass  herring  salmon  shellfish  trout  
 other:  
*amphibians/reptiles:*  
 frog  lizard  salamander  snake  turtle  
 other:  
*unique habitats:*  
 balds  caves  cliffs  mineral springs  oak woodlands  talus slopes  
 other:
- b. List any threatened and endangered species known to be on or near the site (*include federal- and state-listed species*).  
**There is a western gray squirrel (WGS) observation approximately 1 mile east of this proposal.**  
**No WGS observations, nests or other activity was noted in the timber sale.**  
**There is a gray wolf recorded observation in the southern Mt. Adams area. No known wolf dens or observations are within one mile of the timber sale area. A wolf management plan is available.**
- c. Is the site part of a migration route? If so, explain.  
 Pacific flyway       Other migration route:  
*Explain:*

**All of Washington State is considered part of the Pacific Flyway. No impacts are anticipated as a result of this proposal.**

- d. Proposed measures to preserve or enhance wildlife, if any:
- 1) *Note existing or proposed protection measures, if any, for the complete proposal described in question A-11.*

Species /Habitat: **All** Protection Measures: **Existing snags will be retained where operationally safe to do so. Trees with physical defect such as crooks, forks, cavities, and broken tops were identified for retention as part of the leave tree strategy. Downed wood will be left in the harvest to meet forest practice requirements. Established natural regeneration will be retained and the VRH units will be planted with preferred species to enhance stand complexity and diversity while creating resiliency.**

- e. List any invasive animal species known to be on or near the site.  
**Barred owl.**

## **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.  
**Petroleum fuel (diesel or gasoline) will be used for heavy equipment during active road building, timber harvest operations, and for transportation. No energy sources will be needed following project completion.**
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.  
**No.**
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:  
**None.**

## **7. Environmental health**

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.
  - 1) Describe any known or possible contamination at the site from present or past uses.  
**None known.**
  - 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.

**None known.**

- 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.  
**Petroleum-based fuel and lubricants may be used and stored on site during the operating life of this project.**
- 4) Describe special emergency services that might be required.  
**The Department of Natural Resources, private, and fire protection district suppression crews may be needed in case of wildfire. In the event of personal injuries, emergency medical services may be required. Hazardous material spills may require Department of Ecology and/or county assistance.**
- 5) Proposed measures to reduce or control environmental health hazards, if any:  
**No petroleum-based products will be disposed of on site. If a spill occurs, containment and cleanup will be required. Spill kits are required to be onsite during all heavy equipment operations. The cessation of operations may occur during periods of increased fire risk. Fire tools and equipment, including pump trucks and/or pump trailers, will be required on site during fire season.**

*NOTE: If contamination of the environment is suspected, the proponent must contact the Department of Ecology.*

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?  
**None.**
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.  
**There will be short term, low level and high level noise created by the use of harvesting equipment and hauling operations within the proposal area. This type of noise has been historically present in this geographical area.**
- 3) Proposed measures to reduce or control noise impacts, if any:  
**None.**

## 8. Land and shoreline use

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. *(Site includes the complete proposal, e.g. rock pits and access roads.)*  
**Current use of site and adjacent land types:**



**This proposal will not change the use of or affect the current/long term land use of areas associated with this sale.**

- 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?

**This proposal site has been used as working forest lands. This proposal will retain the site in working forest lands.**

- 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:

**No.**

- c. Describe any structures on the site.

**None.**

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

**No.**

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

**Forest Resource.**

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

**Forestry and Range.**

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

**Not applicable.**

- h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

**No.**

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

**None.**

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

**None.**

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

**Does not apply.**

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

**This project is consistent with current comprehensive plans and zoning classifications.**

- m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands

of long-term commercial significance, if any:

**None.**

## 9. Housing

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

**Does not apply.**

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

**Does not apply.**

- 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?

**Does not apply.**

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

**None. The proposed timber sale is located in the NW ¼ of Section 3, approximately ½ mile from the Bill Moore county road, and is not currently visible from any public road.**

- 1) *Is this proposal visible from a residential area, town, city, recreation site, major transportation route or designated scenic corridor (e.g., county road, state or interstate highway, US route, river or Columbia Gorge SMA)?*

*No*       *Yes, name of the location, transportation route or scenic corridor:*

- 2) *How will this proposal affect any views described above?*

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

**None.**

## 11. Light and glare

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

**None.**

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

**No.**

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

None.

- d. Proposed measures to reduce or control light and glare impacts, if any:  
None.

## 12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?  
**There is no designated recreation within the proposal area. However, hunting, and other informal outdoor recreation activities may occur within the proposal area.**
- b. Would the proposed project displace any existing recreational uses? If so, describe.  
**There may be some disruptions to recreational use during periods of harvesting and hauling.**
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:  
None.

## 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? 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.  
No.
- 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.  
**A cultural resource technician preformed a screening of the area using historical USGS maps, GLO maps, a statewide predictive model for likelihood of cultural significance, and DNRs special concerns reporting tool. The sale was traversed by the cultural resource technician and no cultural resources were identified.**
- 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.  
**If presently-unknown skeletal remains, cultural resources, or both become known during project operations, DNR will comply with the Discovery of Skeletal Remains or Cultural Resources procedure.**

## 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.  
**The proposed timber sale is accessed via Canyon road and utilizes an existing approach on the H3900 to enter onto State land.**
- 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. Nearest transit spot is approximately 11 miles away in Lyle, WA.**
- 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).  
**Yes, see A-11-c.**
  - 1) *How does this proposal impact the overall transportation system/circulation in the surrounding area and any existing safety problem(s), if at all?*  
**This project will have minimal to no additional impacts on the overall transportation system in the area.**
- d. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.  
**No.**
- 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 non-passenger vehicles). What data or transportation models were used to make these estimates?  
**Approximately 10 to 15 truck trips per day while the operation is active. Peak volumes would occur during the yarding and loading activities between 4:00 a.m. and 4:00 p.m. of the operating period. The completed project will generate less than one vehicular trip per day. Estimates are based on the observed harvest traffic of past projects.**
- 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.  
**No.**
- 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, 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.  
**None.**

16. **Utilities**

a. Check utilities currently available at the site: **None.**

- electricity     natural gas     water     refuse service     telephone     sanitary sewer  
 septic system     other:

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

**None.**

**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: Bryan Inglin

Name of signee Bryan Inglin

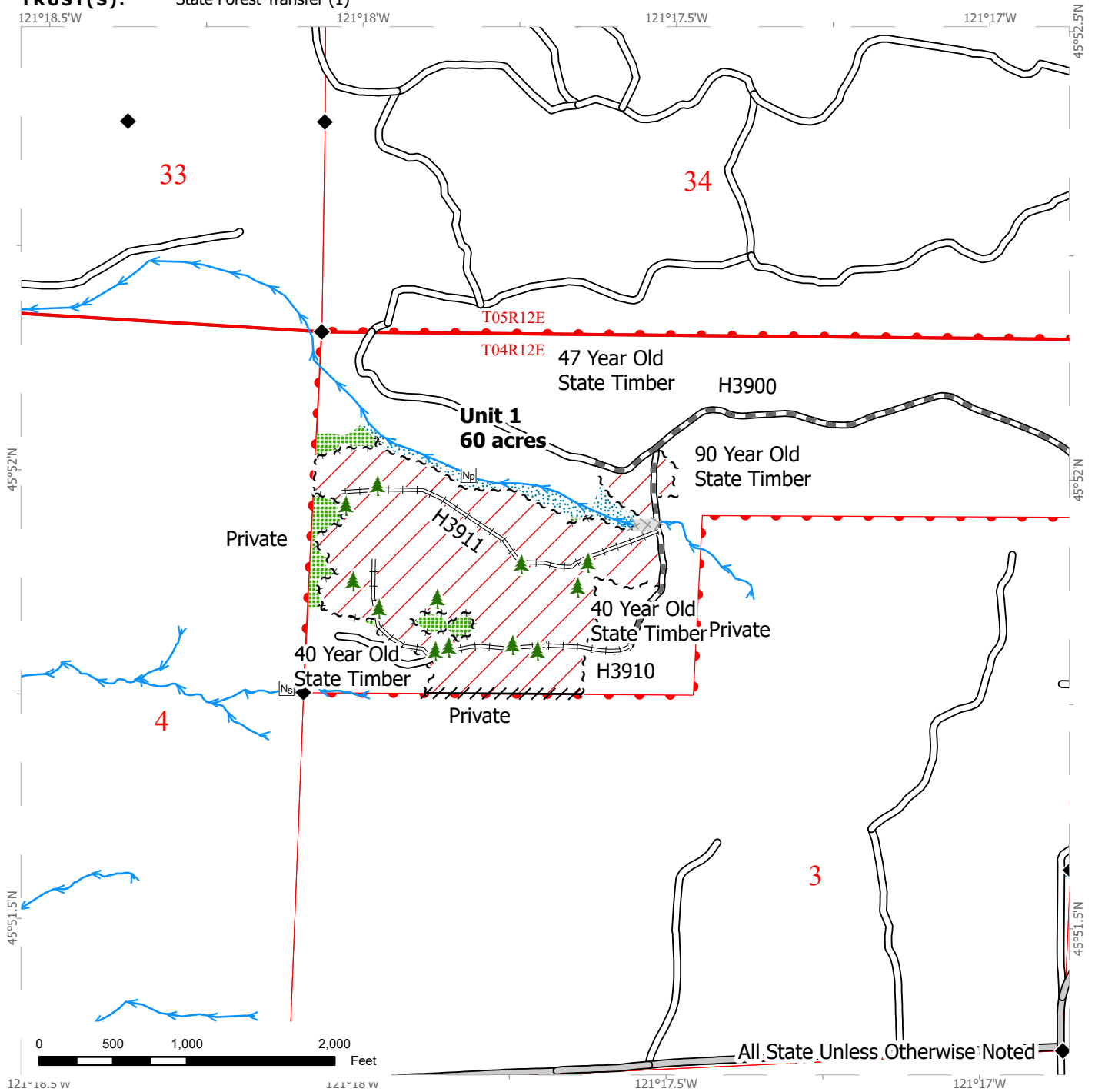
Position and Agency/Organization Forester, Washington State Dept. of Natural Resources

Date Submitted: 03/04/2024

# TIMBER SALE MAP

**SALE NAME:** LIBERTY  
**AGREEMENT #:** 30-106233  
**TOWNSHIP(S):** T4R12E  
**TRUST(S):** State Forest Transfer (1)

**REGION:** Southeast Region  
**COUNTY(S):** Klickitat  
**ELEVATION RGE:** 2280-2400



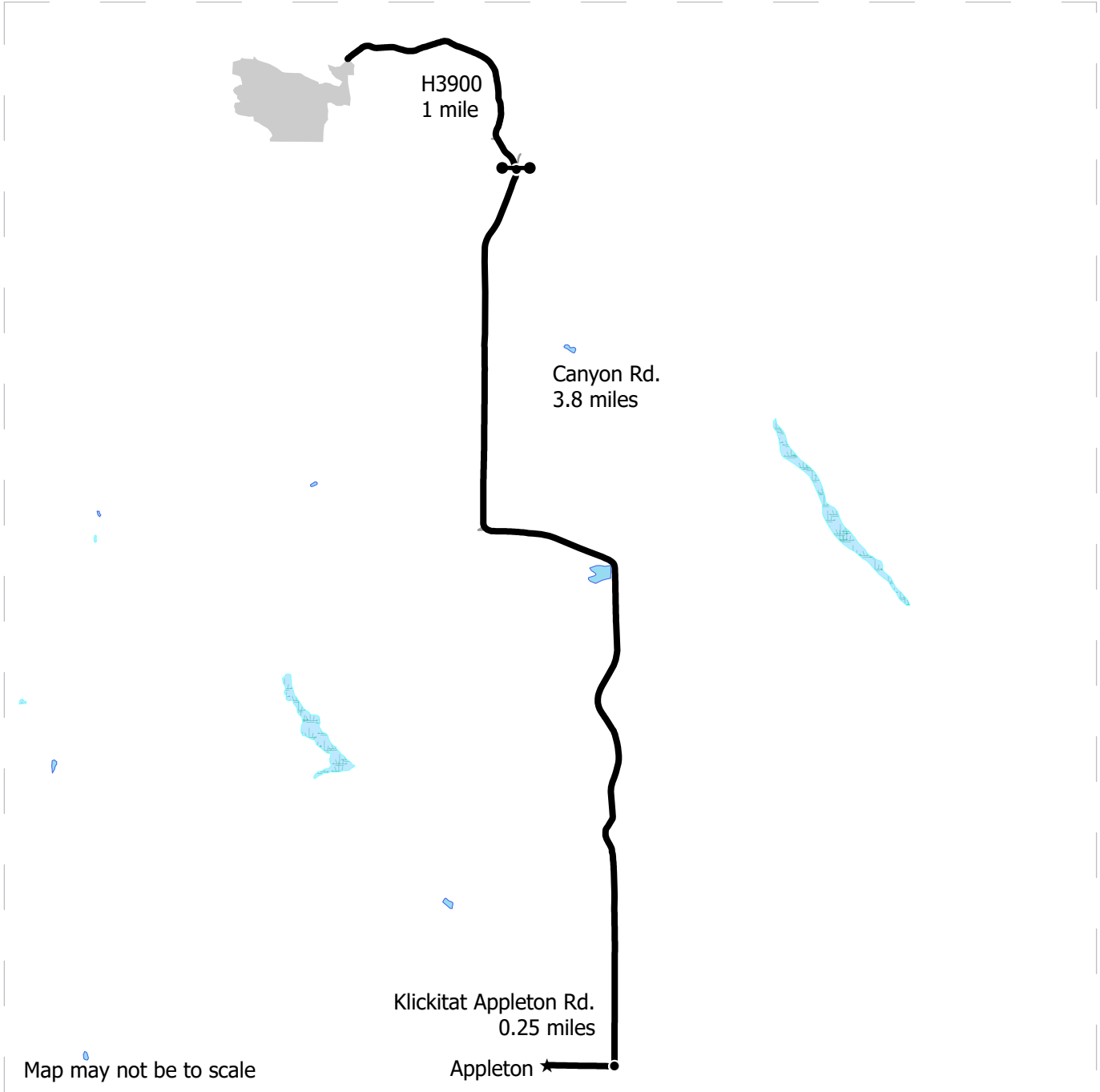
Variable Retention Harvest	County Road	Streams
Leave Tree Area	Required Pre-Haul Maintenance	Non-Fish Perennial
Riparian Mgt Zone	Required Reconstruction	Non-Fish Seasonal
Sale Boundary Tags	Existing Roads	Leave Tree Area < 1/4-acre
Leave Tree Tags	DNR Managed Lands	Survey Monument
Right of Way Tags		
Flag Line		
Equipment Limitation Zone		



# DRIVING MAP

**SALE NAME:** LIBERTY  
**AGREEMENT#:** 30-106233  
**TOWNSHIP(S):** T4R12E  
**TRUST(S):** State Forest Transfer (1)

**REGION:** Southeast Region  
**COUNTY(S):** Klickitat  
**ELEVATION RGE:** 2280-2400



- Harvest Unit
- Haul Route
- Other Route
- Distance Indicator
- Gate
- Town

**DRIVING DIRECTIONS:**

From Appleton:  
Continue east on Klickitat Appleton road for 0.25 miles.  
Turn left onto Canyon road and continue for 3.8 miles.  
Turn left onto the H3900 and continue for 1 mile. Close Cattle gate before continuing.

