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: Q RUFUS SORTS
   Agreement # 30-106090

2. Name of applicant: Washington Department of Natural Resources

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

   Robert Hechinger
   225 S. Silke Rd.
   Colville, WA 99114
   509.684.7474

4. Date checklist prepared: 11/08/2023

5. Agency requesting checklist: Washington Department of Natural Resources

6. Proposed timing or schedule (including phasing, if applicable):
   a. *Auction Date:* 06/11/2024

   b. *Planned contract end date (but may be extended):* 06/11/2026

   c. Phasing: None planned.

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:

TSU NO: 1 GROUND HERB	*07/01/2026*	*94 acres*
TSU NO: 1 PILE & BURN	*10/03/2026*	*1 acre*
TSU NO: 2 GROUND HERB	*07/01/2026*	*8 acres*
TSU NO: 2 PILE & BURN	*10/03/2026*	*0.1 acres*
TSU NO: 3 GROUND HERB	*07/01/2026*	*21 acres*
TSU NO: 3 PILE & BURN	*10/03/2026*	*0.5 acres*
TSU NO: 4 GROUND HERB	*07/01/2026*	*32 acres*
TSU NO: 4 PILE & BURN	*10/03/2026*	*0.5 acres*
TSU NO: 5 GROUND HERB	*07/01/2026*	*34 acres*
TSU NO: 5 PILE & BURN	*10/03/2026*	*0.5 acres*
TSU NO: 6 GROUND HERB	*07/01/2026*	*52 acres*
TSU NO: 6 PILE & BURN	*10/03/2026*	*1 acre*

TSU NO: 7 GROUND HERB	*07/01/2026*	*56 acres*
TSU NO: 7 PILE & BURN	*10/03/2026*	*1 acre*
TSU NO: 8 GROUND HERB	*07/01/2026*	*5.7 acres*
TSU NO: 8 PILE & BURN	*10/03/2026*	*0.1 acres*
TSU NO: 9 GROUND HERB	*07/01/2026*	*14 acres*
TSU NO: 9 PILE & BURN	*10/03/2026*	*0.1 acres*

b. Regeneration Method:

TSU NO: 1 HAND PLANT	*04/01/2027*	*94 acres*
TSU NO: 2 HAND PLANT	*04/01/2027*	*8 acres*
TSU NO: 3 HAND PLANT	*04/01/2027*	*21 acres*
TSU NO: 4 HAND PLANT	*04/01/2027*	*32 acres*
TSU NO: 5 HAND PLANT	*04/01/2027*	*34 acres*
TSU NO: 6 HAND PLANT	*04/01/2027*	*52 acres*
TSU NO: 7 HAND PLANT	*04/01/2027*	*56 acres*
TSU NO: 8 HAND PLANT	*04/01/2027*	*6 acres*
TSU NO: 9 HAND PLANT	*04/01/2027*	*14 acres*

c. Vegetation Management:

TSU NO: 1 SEED GRASS	*10/01/2025*	*1 acre*
TSU NO: 2 SEED GRASS	*10/01/2025*	*0.1 acres*
TSU NO: 3 SEED GRASS	*10/01/2025*	*0.5 acres*
TSU NO: 4 SEED GRASS	*10/01/2025*	*0.5 acres*
TSU NO: 5 SEED GRASS	*10/01/2025*	*0.5 acres*
TSU NO: 6 SEED GRASS	*10/01/2025*	*0.5 acres*
TSU NO: 7 SEED GRASS	*10/01/2025*	*1 acre*
TSU NO: 8 SEED GRASS	*10/01/2025*	*0.1 acres*
TSU NO: 9 SEED GRASS	*10/01/2025*	*0.1 acres*

d. Other:

Road maintenance assessments will be conducted and may include periodic ditch and culvert cleanout and grading as necessary. Pre-commercial thinning needs will be assessed at approximately 7 to 10 years of age. Commercial thinning potential will be assessed at approximately 25 to 30 years of age. Thinning may be done as needed to meet desired density, stocking, species diversity, and growth. Landing slash may be piled and burned, or if economically feasible, chipped for biomass. Firewood cutting may take place after harvest activities have concluded. Application of herbicides may occur to assist with site preparation and to control roadside weeds. Prescribed fire may be utilized to achieve future silvicultural, forest health, fuel reduction, or fire hazard abatement objectives.

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*: There is one 303(d) listed water (Lost Creek) within the Ruby Creek WAU that is listed for temperature and is approximately 6.2 miles downstream from the nearest proposed unit

- ☒ *temp*
- ☐ *sediment*
- ☐ *completed TMDL (total maximum daily load)*

☐ *Landscape plan:*
☐ *Watershed analysis:*
☐ *Interdisciplinary team (ID Team) report:*
☒ *Road design plan:* DNR draft road plan dated 10/31/2023.
☐ *Wildlife report:*
☐ *Geotechnical report:*
☐ *Other specialist report(s):*
☐ *Memorandum of understanding (sportsmen's groups, neighborhood associations, tribes, etc.):*
☐ *Rock pit plan:*
☒ *Other:*

GIS generated WAU maps reporting: Soil types, mass wasting potential, erosion potential, soil stability, and habitat typing; Policy for Sustainable Forests; DNR Smoke Management Plan; "Identifying Old Trees and Forests in Eastern Washington" by Robert Van Pelt, September 2008; DNR 20-Year Forest Health Strategic Plan; DNR State Lands Forest Health Plan; DNR Lynx Habitat Management Plan (2006).

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 #* **3026808** ☐ *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:

There are nine final rotational harvest units and one acre of right-of-way harvest for road construction planned for this proposal. An estimated volume of 4,925 thousand board feet (MBF) would be harvested from this proposal. The proposal is located in a Tier 1 high priority Hydrologic Unit Code (HUC) 5 watershed of the DNR 20-Year Forest Health Strategic Plan.

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	94.3	0	0	0	94.3	0	94.3
2	8.0	0	0	0	8.0	0	8.0
3	21.3	0	0	0	21.3	0	21.3
4	32.7	0	0	0.9	31.8	0	31.8
5	34.5	0	0	0	34.5	0	34.5
6	52.1	0	0	0	52.1	0	52.1
7	57.8	0	0	1.6	56.2	0	56.2
8	5.7	0	0	0	5.7	0	5.7
9	15.0	0	0	1.2	13.8	0	13.8
RW10	1.3	0.1	0	0	1.3	0	1.3
Totals	322.7	0.1	0	3.7	319	0	319

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	1930	Douglas-fir, western larch	Final rotational harvest
2	1930	Douglas-fir, western larch	Final rotational harvest
3	1903	Douglas-fir, western larch	Final rotational harvest
4	1955	Douglas-fir, western larch	Final rotational harvest
5	1930	Douglas-fir, western larch	Final rotational harvest
6	1966	Douglas-fir, western hemlock	Final rotational harvest
7	1958	Douglas-fir, western larch	Final rotational harvest
8	1965	Douglas-fir, western larch	Final rotational harvest
9	1965	Douglas-fir, western larch	Final rotational harvest
RW10	1966	Douglas-fir, western larch	Land conversion to road surface

Overall Unit Objectives:

1) Produce revenue for the Normal and Common School Trusts (03, 08) through the production of saw logs and pulp material.
2) Provide for wildlife and riparian habitat by developing vertical stand structure and age class distribution in the future stands.
3) Improve stand health by adding early-seral species resistant to root disease and remove as much mistletoe infected western larch and Douglas-fir in the proposal area as possible.
4) To improve stand vigor, health, and increase fire resiliency.

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		5,063	4.3	0
Reconstruction		397		0
Maintenance		126,052		0
Abandonment		0	0	0
Bridge Install/Replace	0			0
Stream Culvert Install/Replace (fish)	0			0
Stream Culvert Install/Replace (no fish)	0			
Cross-Drain Install/Replace	0			

There may be up to 599 feet of additional new road construction within the sale area; in the form of short spurs to facilitate access, protect public resources, maintain ingress and egress or provide for safety.

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:* T35-0N R42-0E S08,16,17, T36-0N R42-0E S27

b. *Distance and direction from nearest town:*

The nearest proposed unit is approximately 24 miles east of Colville, WA.

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).*

There are no known major environmental concerns associated with this proposal regarding elements of the environment in the Ruby Creek and Lakes WAUs. There are no 303(d) listed waters within the Lakes WAU. There is one 303(d) listed water (Lost Creek) within the Ruby Creek WAU that is listed for temperature and is approximately 6.2 miles downstream from the nearest proposed unit. South Fork Lost Creek (Type F) is within the proposal area and flows for approximately six miles downstream from the nearest proposed unit before reaching the Pend Oreille River (Type S). Flodelle Creek (Type F) is within the proposal area and flows for approximately 1.7 miles downstream from the nearest proposed unit before reaching the Little Pend Oreille River (Type S).

Individual activities, such as this proposal, are likely to emit some greenhouse gases, including CO2; however, at the landscape scale, DNR's sustainable land management activities, including this proposal, sequester more carbon than they emit. Recognizing the climate and carbon benefits of working forests in Washington's Climate Commitment Act (RCW 70A.45.005), the legislature found that Washington should maintain and enhance the state's ability to continue to sequester carbon through natural and working lands and forest products. Further, "Washington's existing forest products sector, including public and private working forests and the harvesting, transportation, and manufacturing sectors that enable working forests to remain on the land and the state to be a global supplier of forest products, is, according to a University of Washington study analyzing the global warming mitigating role of wood products from Washington's private forests, an industrial sector that currently operates as a significant net sequesterer of carbon. This value, which is only provided through the maintenance of an intact and synergistic industrial sector, is an integral component of the state's contribution to the global climate response and efforts to mitigate carbon emissions." RCW 70A.45.090(1)(a).

The legislature also found that the 2019 Intergovernmental Panel on Climate Change (IPCC) report "identifies several measures where sustainable forest management and forest products may be utilized to maintain and enhance carbon sequestration. These include increasing the carbon sequestration potential of forests and forest products by maintaining and expanding the forestland base, reducing emissions from land conversion to non-forest uses, increasing forest resiliency to reduce the risk of carbon releases from disturbances such as wildfire, pest infestation, and disease, and applying sustainable forest management techniques to maintain or enhance forest carbon stocks and forest carbon sinks, including through the transference of carbon to wood products" (2020 Washington Laws Ch. 120 §1(2)).

DNR has maintained (statewide) a forest management certificate to the Sustainable Forestry Initiative standard since 2006. In managing state trust lands sustainably, DNR sequesters more carbon than it emits while conducting land management activities such as this proposal.

The timber harvested from DNR-managed lands is used to produce climate-smart forest products. The climate impacts of DNR's land management are analyzed in multiple environmental impact statements that have informed the Board of Natural Resources' decisions and are consistent with the IPCC, which states that "meeting society's needs for timber through intensive management of a smaller forest area creates opportunities for enhanced forest protection and conservation in other areas, thus contributing to climate change mitigation."

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.*

- Forest Practice Rules regulate any activity related to growing, harvesting and processing timber. The Rules also regulate road construction and hydraulic projects in typed water.
- Forest Practice Rules established Riparian Management Zones (RMZ) along streams to maintain riparian functions.
- Forest Practice Board Manual "Guidelines for Forest Roads" Best Management Practices (BMP) guides road construction and maintenance techniques.
- The DNR Policy for Sustainable Forests (2006) guided the development and layout of the proposal.
- The DNR Retention and Perpetuation of Biological Legacies and Green Trees Procedure (PR14-006-091) aided in the selection of retention trees.
- Identifying Old Trees and Forests in Eastern Washington, by Robert Van Pelt, September 2008, was utilized in the identification and protection of old growth trees.
- Sale layout follows the Washington State Department of Natural Resources Policy number PO14-009 regarding wildlife habitat pertaining to federally or state listed species.
- The Smoke Management Plan (SMP) regulates activities associated with pile burning or prescribed fire.
- DNR 20-Year Forest Health Strategic Plan.
- DNR State Lands Forest Health Plan.

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

- No harvest within the core, inner, and outer zones of Type F, and Type Np riparian

management zones.

- No harvest within the average width wetland management zones except to the extent necessary for road construction.
- Retaining at least six leave trees from the largest available diameter classes per acre dispersed and aggregated throughout the harvest units.
- Planting of tree seedlings on harvest units to supplement natural regeneration and ensure adequate reforestation occurs.
- Proposal review by DNR wildlife biologist.
- A DNR State Lands geologist remotely reviewed all units of the sale utilizing historic aerial photographs, LIDAR imagery, and GIS data from the DNR corporate database.
- Timing restrictions may be placed on the sale for timber harvesting, timber hauling, road construction, and site preparation within one mile of a WDFW documented wolf den from March 15th to July 30th or ¼ mile of a WDFW documented wolf den site at other times of the year. No WDFW documented wolf den sites are known to be in the area.
- Timing restrictions from March 1st to August 1st may be placed on the operation for timber harvesting, timber hauling, road construction, and site preparation within a half mile of a DNR biologist documented goshawk nest, if one is found.

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?

It is not likely that potential impacts from this proposal will contribute to the environmental concerns listed in question A.13.a. This proposal will be conducted in accordance with the Policy for Sustainable Forests (2006) and Washington State Forest Practice Rules. Additionally, planned reforestation activities post-harvest will further mitigate any possible effects made to the environmental concerns listed above.

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
LAKES	37,535	16,649	1,717	0	543
RUBY CREEK	43,934	1,156	189	0	7

Other management activities, such as stand and road maintenance, will likely occur within the associated WAUs.

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).*

WAU:	LAKES
WAU Acres:	37,535
Elevation Range:	2,908 – 5,567 ft.
Mean Elevation:	3,724 ft.
Average Precipitation:	29 in./year
Primary Forest Vegetation Zone:	Western Hemlock

WAU:	RUBY CREEK
WAU Acres:	43,934
Elevation Range:	2,030 – 5,456 ft.
Mean Elevation:	3,456 ft.
Average Precipitation:	30 in./year
Primary Forest Vegetation Zone:	Western Hemlock

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)?

61%

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 general soil type found on site is a silt loam that is comprised of volcanic ash over glacial till. Harvest methods and operations have been designed to minimize ground disturbance. No soils will be removed from agricultural lands as a result of this proposal.

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
4814	SILT LOAM
5293	V.BOULDERY LOAM
5282	SILT LOAM
5291	STONY SILT LOAM
5284	SILT 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.*

Not applicable.

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: 4.3
Approx. acreage new landings: 5.0
Fill Source: Native material or local rock pit.

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

Yes. A minor amount of 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.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *(Include protection measures for minimizing compaction or rutting.)*

- Coordinated skidding patterns and landing locations, effective contract administration, and normal road maintenance can minimize erosion potential.
- No felling, skidding, or other hauling activities will occur during spring break-up unless approved by the CA.
- Harvest and haul activities will be monitored and activities will be restricted where needed to prevent sediment delivery to streams.
- Roads have been designed to minimize erosion potential and conduct water onto naturally vegetated forest floors utilizing drivable dips, in or out-sloping of road surfaces, crowning, ditching, and installation of cross drains.
- Energy dissipating structures will be placed at the outfall of cross drains where necessary to prevent erosion. Culvert headwalls will be armored where necessary.
- Skid trails will be grass seeded, water barred, or have slash placed where necessary to prevent erosion. Grass seeding will also occur on cut and fill slopes where necessary.
- Road Plan has been designed by a forest engineer, and reviewed and approved by a licensed engineer.

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:

Dust abatement will occur on selected roads as needed between June 1st and October 30th, or as directed by the CA. Pile burning and prescribed fire will adhere to the requirements of the Smoke Management Plan (SMP). The SMP provides regulatory direction, operating procedures, and advisory information regarding the management of smoke and fuels on the forestlands of Washington State. The goals of the SMP are to protect human health and safety from the effects of outdoor burning. The SMP is administered by DNR under authority described in the WA Clean Air Act.

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: Little Pend Oreille River & Pend Oreille River.

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)
South Fork Lost Creek	F	1	110
Flodelle Creek	F	1	110
Un-named stream	Np	5	50
Un-named stream	Ns	1	30 ELZ
Un-named wetland	A	1	100
Un-named wetland	Forested	1	none required

c. List any additional RMZ/WMZ protection measures including silvicultural prescriptions, road-related RMZ/WMZ protection measures and wind buffers.

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 harvest, road construction and maintenance and timber haul will occur within 200 feet of typed waters, but outside RMZ and WMZ boundaries.

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:*

Water may be withdrawn from local sources during operations to facilitate dust abatement activities. Contractor is required to obtain all necessary permits.

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 waters. However, minor amounts of oil, fuel, and other lubricants may inadvertently be discharged to the adjacent surface waters 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 operational procedures outlined in B-1-h.

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

LAKES = 4.1 (mi./sq. mi.), RUBY CREEK = 1.8 (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 WAUs intercept sub-surface flow and deliver surface water to streams on non-DNR-managed lands. On DNR-managed lands, current roadwork standards are 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 WAUs. 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 WAUs; 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):*

The Little Pend Oreille River and the Pend Oreille River are downstream from the proposed activities and are public water resources.

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.*

See B.1.h. for protection measures and haul restrictions. No harvest will occur in the immediate vicinity of any significant water source.

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:

See B.1.h. for protection measures.

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 through ditch-outs and cross drain culverts.

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

☐ *No* ☒ *Yes, describe:*

A minor amount of 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:* Rocky Mt. 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).*

All conifers are designated to be removed as part of this harvest proposal, except legacy trees, wildlife reserve trees, green recruitment trees, and vegetation within the RMZs. This proposal will remove approximately 4,925 MBF of mature conifer timber. The proposal was marked to leave at least six trees per acre, selected from the largest available. Understory vegetation will be disturbed and/or reduced within the proposed harvest area as a result of timber harvest and site preparation activities. It is expected that vegetation will reestablish within two to three years after harvest activities are complete.

Reserve trees were selected in accordance with DNR's Retention and Perpetuation of Biological Legacies and Green Trees Procedure and Forest Practices Rules. Trees were left individually and in clumps in order to be conducive to safe operations and allowing distribution of wildlife trees throughout the proposal. Reserve trees were selected throughout the stands, with a higher priority given to trees with unique structural characteristics, evidence of bird usage, large diameters, and full crowns. Species preference for reserve trees were ponderosa pine, Douglas-fir, and western larch. Diameter of reserve trees range from 12 inches in diameter to 30+ inches in diameter. Average reserve tree diameter is approximately 18 inches. Trees within the proposal area were marked with a purple band of paint identifying reserve trees.

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.)*

The U.S. Forest Service (FS) and U.S. Fish and Wildlife Service (FWS) manage the majority of the land adjacent to this proposal. These agencies have done some small-scale commercial thinning in the past but there is minimal difference between the proposed area and the land managed by these agencies in their species, age, and structural diversity. For the most part, this landscape consists of primarily 70- to 90-year-old Douglas-fir and western larch with western red cedar, grand fir, and western hemlock as secondary species. The structural diversity resembles a mosaic of natural and unnatural disturbances among overstocked mature conifer stands.

Unit 1 – To the north and south is FS-owned land that was commercially thinned in the last decade, leaving a well-stocked mature conifer stand. To the east is DNR-managed land that contains an over stocked younger conifer stand. To the west is DNR-managed land that contains an unmanaged mature conifer stand.

Unit 2 – To the north and east is FS-owned land that contains an unmanaged mature conifer stand. To the south and west is DNR-managed land and an RMZ for a Type F stream (South Fork Lost Creek) that contains an older stand of mature conifers.

Unit 3 – To the north, east, and west is DNR-managed land that was commercially thinned around 20 years ago. To the south is DNR-managed land that contains an unmanaged mature conifer stand.

Unit 4 – To the west is unmanaged FWS-owned land. To the north, east and south is DNR-managed land that received a variable retention harvest around 20 years ago with a minor amount of unmanaged timber along the southern border.

Unit 5 – To the south and west is unmanaged FWS-owned land. To the north, east and south is DNR-managed land that received a variable retention harvest around 20 years ago.

Unit 6 – To the west is a portion of the same DNR-managed land that borders Unit 4 and DNR-managed land that contains an unmanaged mature conifer stand. To the north, east and south is DNR-managed land that contains an unmanaged mature conifer stand.

Unit 7 – To the west is an RMZ for a Type F stream and DNR-managed land that contains an unmanaged mature conifer stand. To the north, east and south is DNR-managed land that contains an unmanaged mature conifer stand.

Units 8 – To the north and south is an RMZ for a Type Np stream. To the west is DNR-managed land that contains an unmanaged mature conifer stand to the east is private land that was commercially thinned around 20 years ago.

Unit 9 – To the north is an RMZ for a Type Np stream. To the west is DNR-managed land that contains an unmanaged mature conifer stand. To the south and east is private land that was commercially thinned around 20 years ago. To the southeast is unmanaged FWS-owned land.

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:

Individual and clumped leave trees are identified across the harvest areas. Some clumps were selected for their species diversity or presence of legacy trees. Reserve trees will contribute to the site as a natural seed source, which will complement the future plantation. Native tree species will be planted on site after the harvest and site preparation activities. Areas of exposed soils will be seeded with native grasses and forbs after harvest.

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

Thistle, St. John's wort, orange and yellow hawkweed, and common mullein.

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: American goshawk
mammals:
☒ bear ☐beaver ☐ *coyote* ☒ *cougar* ☒ deer ☒ elk
☒ other: Lynx, gray wolves, and Shiras moose.
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).*

Grizzly bear and lynx are listed as threatened under federal status and endangered under Washington state status. Gray wolves are listed as state endangered but are not federally listed in eastern Washington. Bull trout are listed as threatened under federal status.

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: Grizzly bear
Protection Measures:
There are no known resident grizzly bears in the area and the harvest area is not within a grizzly bear recovery zone. Grizzly bears may potentially travel through the area.

Species /Habitat: Lynx
Protection Measures:
This proposal is within the Calispel (#218) Lynx Analysis Unit (LAU) which designates certain areas for lynx denning habitat and travel corridors. Areas were carefully selected and designated as the best available lynx denning habitat within each section of the LAU. Two lynx sightings have occurred within the last 15 years, one near the intersection of Tacoma Creek road and Highway 20, and one near the intersection of Spruce Canyon road and Highway 20.

Species /Habitat: Gray wolf
Protection Measures:

Gray wolves have been encountered frequently in the project area and the proposal is located entirely within the known territory for the Dirty Shirt pack. No known den or rendezvous sites are known to occur in the vicinity of the project area, so no protective measures have been recommended specifically for gray wolves. Any wildlife concerns that may arise during operations will be mitigated according to the direction of the DNR wildlife biologist.

Species /Habitat: American goshawk
Protection Measures:
Multiple proactive American goshawk surveys have identified two territories in the proposal area, one greater than 1.2 miles west of Unit 1 and one 0.5 miles southwest of Unit 3. The territory nearest to Unit 1 has been inactive for a number of years but both known territories will be monitored during all sale operations and protective measures will be taken to protect the nest and nest stand should an active nest be located.

Species /Habitat:
Protection Measures:
No harvest RMZs on all typed streams will provide shade to streams and protecting stream temperatures.

Species /Habitat: Wildlife/Riparian/Bull trout
Protection Measures:
No harvest RMZ's on Type Np streams, Type F streams, and Type A wetlands will provide shade to streams and protecting stream temperatures. These undisturbed areas will also provide food, water, and shelter for all wildlife and will serve as travel corridors for forest dependent species.

Species /Habitat: Wildlife/Uplands
Protection Measures:
At least six Legacy Trees, Wildlife Reserve Trees, and Green Recruitment Trees per acre were left clumped and scattered.
Retention trees, wildlife reserve trees, green recruitment trees, and snags will be left individually and clumped throughout the units. These, in addition to down logs and woody debris, will be left to provide habitat for various species. The harvest will increase forage for wildlife from tops and limbs of harvested trees in the short-term. In

the long-term, forage will increase from the additional growth of new grasses, forbs and shrubs.

e. List any invasive animal species known to be on or near the site.

No invasive species are known to be on or near the site.

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. To mitigate hazards from petroleum products, all equipment will be inspected for leaks; spill kits are contractually required and will be readily available. A spill response plan will be in place.
   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 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:
Working forest lands are the current use of the site. The adjacent land types are mostly used as working forest lands with a moderate amount of recreational use.

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 land, one dwelling per 20 acres.

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

Forest land.

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?

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?*

The views will reflect common management practices by other large industrial landowners in the area.

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?

Windshield glare during daylight hours; light from equipment and vehicle headlamps during darkness.

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 a designated ORV trail system for recreational use. Informal recreational activities that occur are hunting, fishing, and horseback riding.

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:

To provide for safety, warning signs will be placed in highly visible areas to alert the public of potential hazards.

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. Sites 45ST01394 and 45ST01395 were newly identified outside the proposed project areas. Protection measures have been established to prevent impacts to these resources.

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. A DNR archaeologist conducted a field visit to the proposal area on August 18, 2022. Sensitive areas such as drainages and terraces were inspected resulting in two newly recorded cultural sites recorded as 45ST01394 and 45ST01395.

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.

Historical maps and the DAHP database of known archaeological sites were reviewed prior to conducting the field review. A DNR archaeologist was consulted. The Confederated Tribes of the Colville Reservation were notified of this proposal on August 21, 2023.

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.

The project has been designed to avoid all known cultural resources. Any cultural resource identified during operations will be protected. If presently-unknown skeletal remains,

cultural resource, 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.

Washington State Highway 20 serves the site and provides access to the existing forest road system.

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 20 miles away.

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:
☐ 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: Robert Hechinger

Name of signee: Robert Hechinger

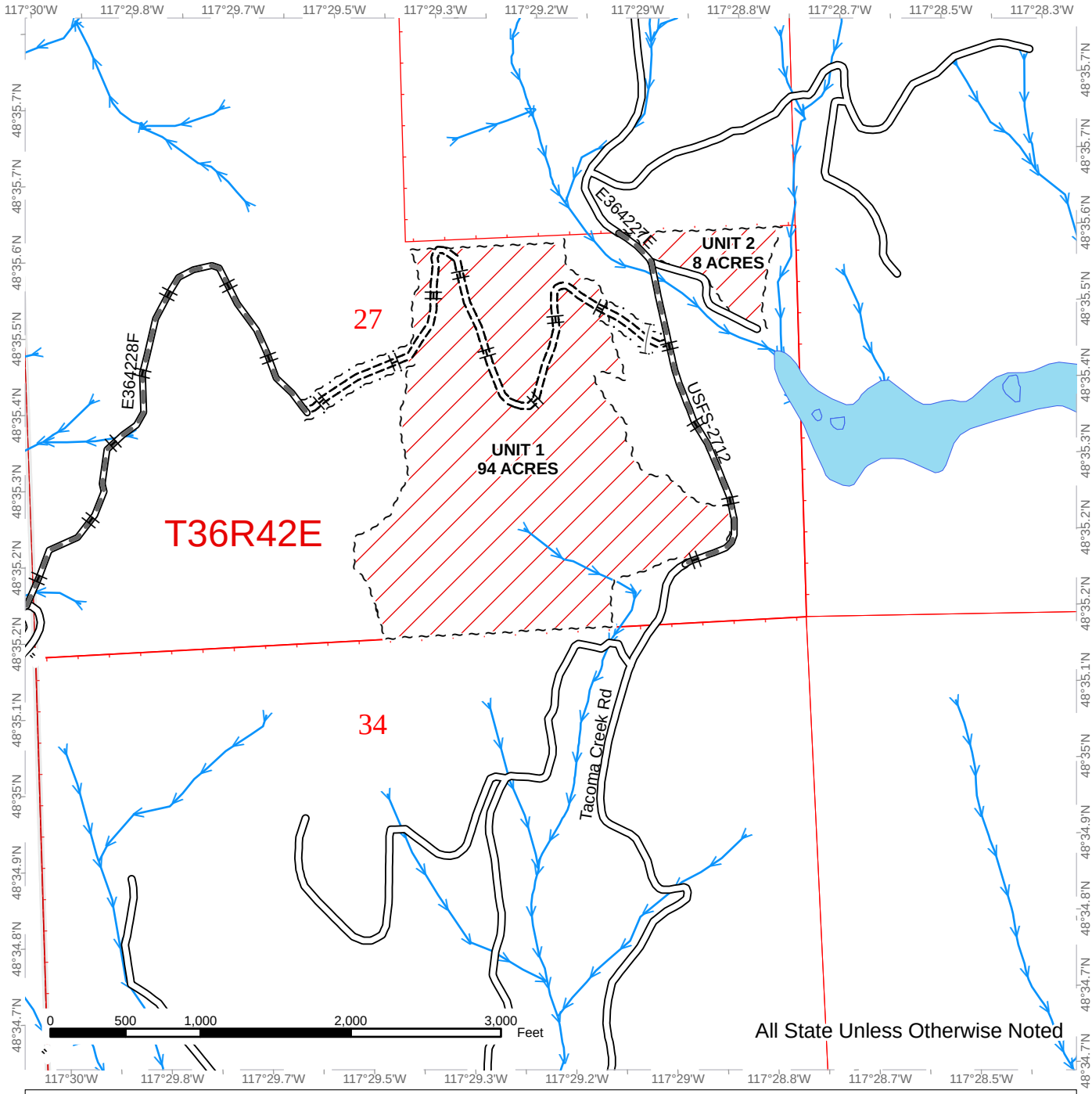
Position and Agency/Organization: Northeast Region Management Forester, WADNR

Date Submitted: 12/26/23

TIMBER SALE MAP

SALE NAME: Q RUFUS SORTS
AGREEMENT #: 30-106090
TOWNSHIP(S): T35R42E, T36R42E
TRUST(S): Common School and Indemnity (3), Normal School (8)

REGION: Northeast Region
COUNTY(S): Pend Oreille, Stevens
ELEVATION RGE: 3480-4360



- Public Land Survey Sections
- DNR Managed Lands
- Variable Retention Harvest
- Sale Boundary Tags
- Right of Way Tags
- Existing Roads
- Required Pre-Haul Maintenance
- Required Construction
- Streams
- Gate
- Survey Monument

Prepared By: ljen490

Modification Date: 11/21/2023

3

TIMBER SALE MAP

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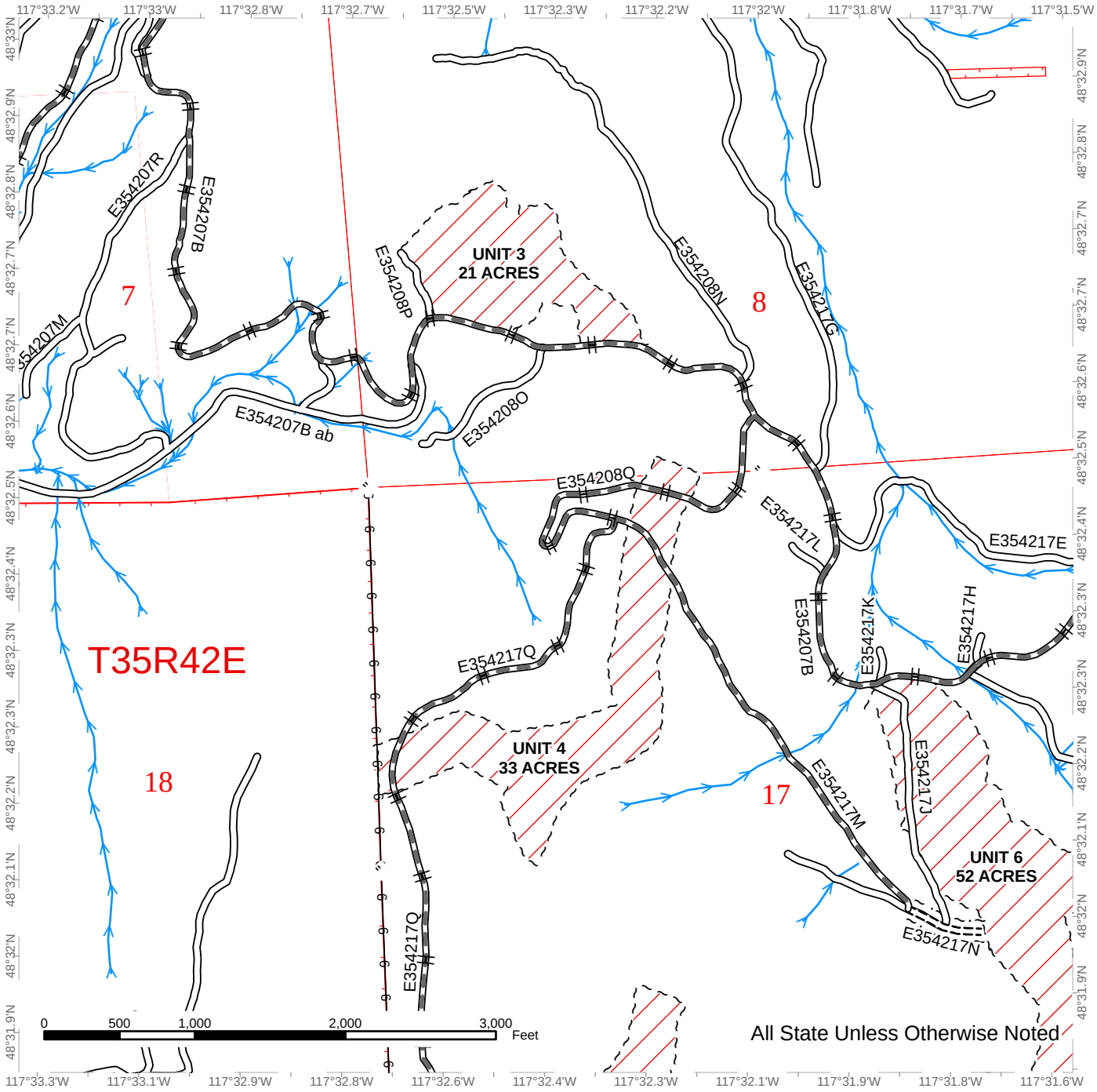

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- Variable Retention Harvest
- Sale Boundary Tags
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- Required Pre-Haul Maintenance
- Required Construction
- Streams
- Survey Monument
- Fence

Prepared By: ljen490

Modification Date: 11/21/2023

3

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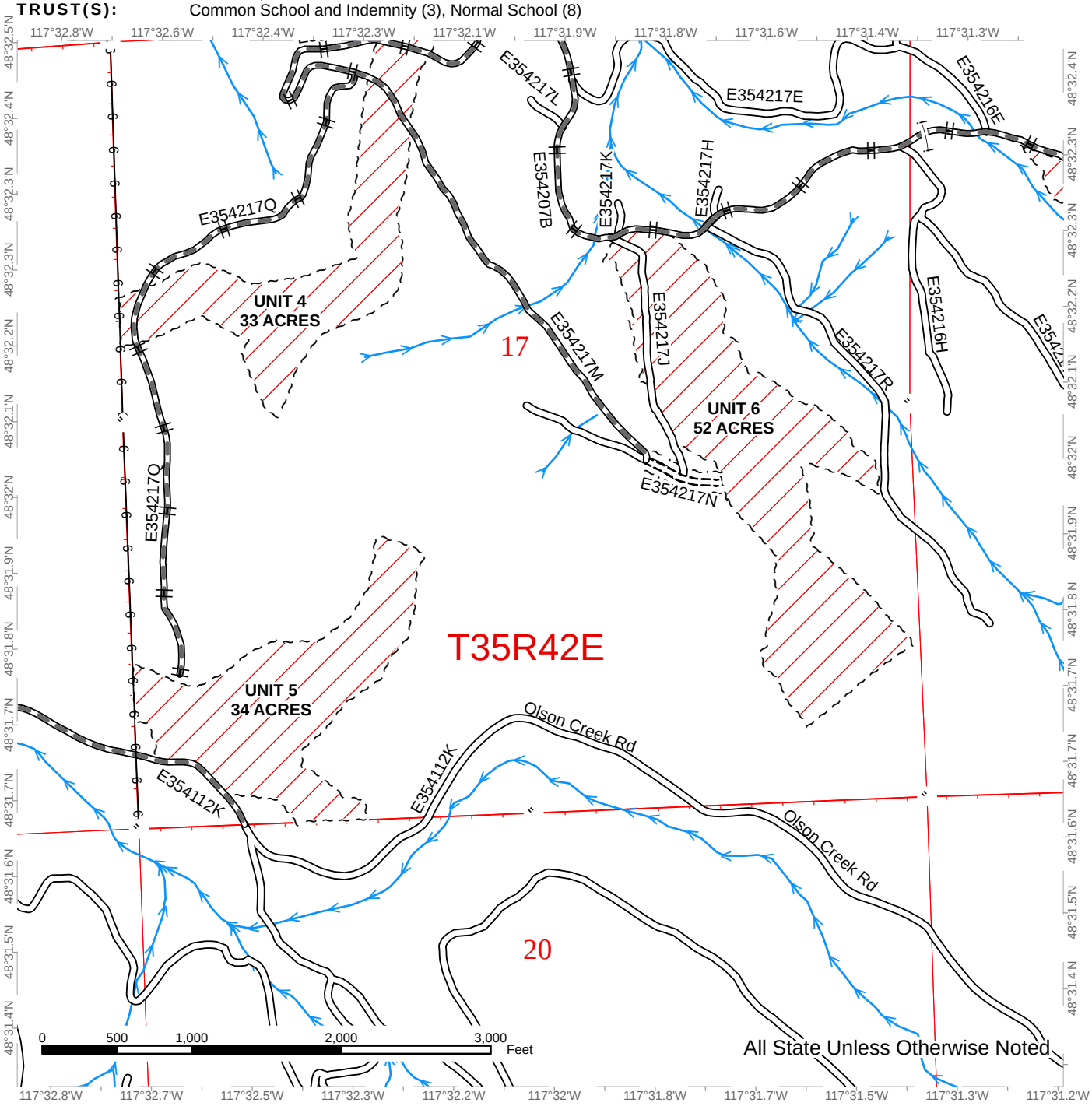

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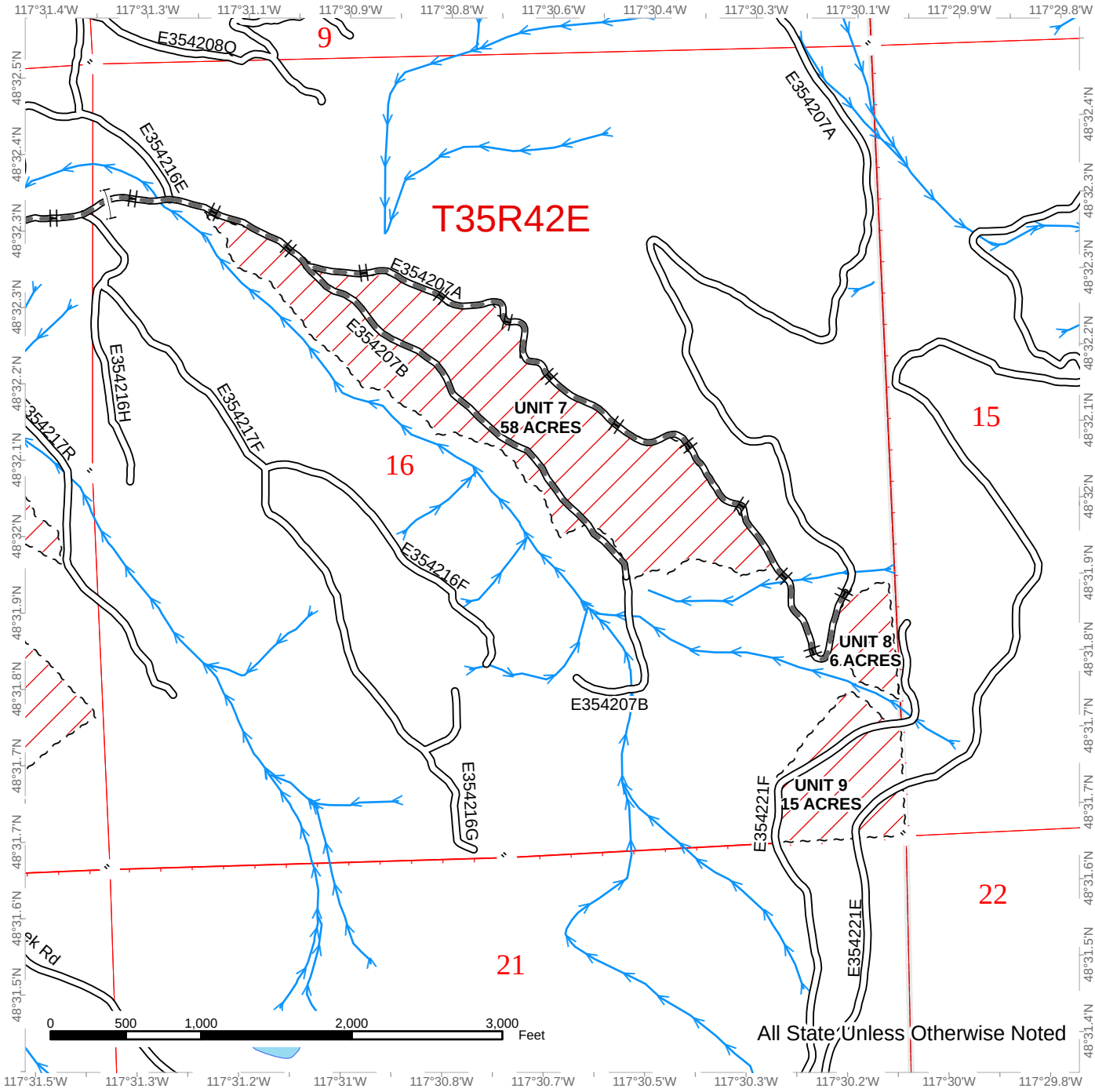
COUNTY(S): Pend Oreille, Stevens
ELEVATION RGE: 3480-4360



- Public Land Survey Sections
- DNR Managed Lands
- Variable Retention Harvest
- Sale Boundary Tags
- Existing Roads
- Required Pre-Haul Maintenance
- Streams
- Gate
- Survey Monument

Prepared By: ljen490

Modification Date: 11/21/2023

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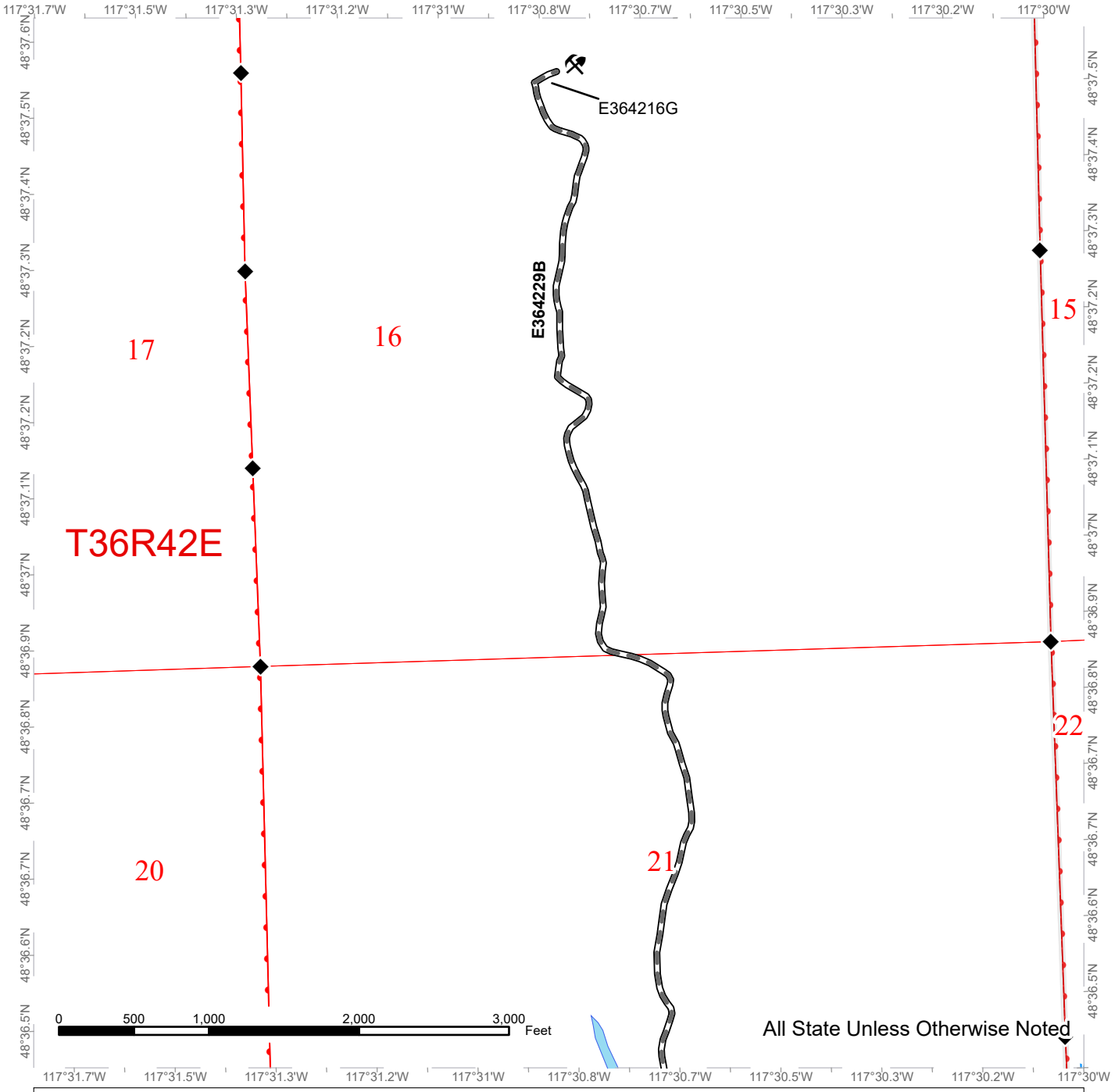
TIMBER SALE MAP

SALE NAME: Q RUFUS SORTS
AGREEMENT #: 30-106090
TOWNSHIP(S): T35R42E, T36R42E
TRUST(S): Common School and Indemnity (3), Normal School (8)

REGION: Northeast Region
COUNTY(S): Pend Oreille, Stevens
ELEVATION RGE: 3480-4360



- Public Land Survey Sections
- DNR Managed Lands
- Required Pre-Haul Maintenance
- Streams
- Rock Pit
- Survey Monument

N

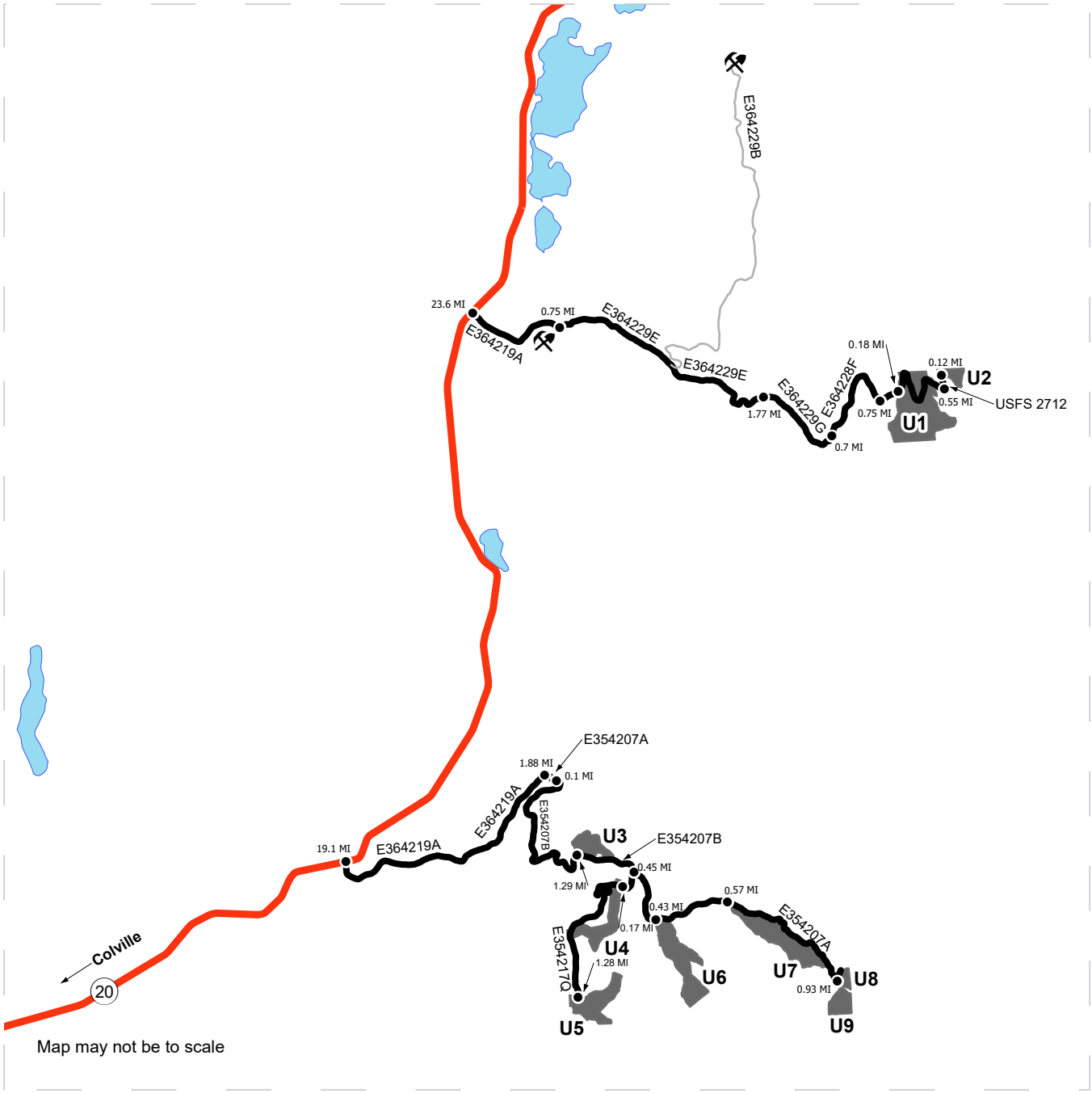
Prepared By: ljen490

Modification Date: 11/16/2023

DRIVING MAP

SALE NAME: Q RUFUS SORTS
AGREEMENT#: 30-106090
TOWNSHIP(S): T35R42E, T36R42E
TRUST(S): Common School and Indemnity (3), Normal School (8)

REGION: Northeast Region
COUNTY(S): Pend Oreille, Stevens
ELEVATION RGE: 3480-4360



Timber Sale Unit
Haul Route
Other Route
Highway
Distance Indicator
Rock Pit

Driving Directions:

From the junction of Highway 395 and Highway 20 located in Colville, go east on Highway 20 for 19.1 miles and turn right onto E364219A road, proceed for 1.88 miles and turn right onto E354207A road, proceed for 0.1 miles and turn right onto E354207B road and go for 1.29 miles to reach Unit 3. From Unit 3, proceed east on E354207B road for 0.45 miles and turn right onto E354208Q road, proceed for 0.17 miles to reach Unit 4 and another 1.28 miles to reach Unit 5. From the junction of E354207B and E354208Q roads, go east on E354207B road for 0.43 miles to reach Unit 6 and another 0.57 miles to reach Unit 7. From the junction of E354207A and E354207B roads in Unit 7, go east on E354207A road for 0.93 miles to reach Units 8 & 9.

From the junction of Highway 395 and Highway 20 located in Colville, go east on Highway 20 for 23.6 miles and turn right onto E364219A road, proceed for 0.75 miles and turn left onto E364229E road, proceed for 1.77 miles and continue straight to merge onto E364229G road, proceed for 0.7 miles and then turn left onto E364228F road, proceed for 0.75 miles to the end of the drivable road and where the new construction will need to begin, from this point unit 1 is 0.18 miles. From the western boundary in Unit 1, proceed another 0.55 miles on the road to be constructed and turn left onto USFS-2712, proceed for 0.12 miles to reach Unit 2.

N

Prepared By: ljen490

Modification Date: 11/21/2023

DRIVING MAP

SALE NAME: Q RUFUS SORTS
AGREEMENT#: 30-106090
TOWNSHIP(S): T35R42E, T36R42E
TRUST(S): Common School and Indemnity (3), Normal School (8)

REGION: Northeast Region
COUNTY(S): Pend Oreille, Stevens
ELEVATION RGE: 3480-4360

Timber Sale Unit
Haul Route
Other Route
Highway
Rock Pit

Driving Directions:

From the junction of Highway 395 and Highway 20 located in Colville, go east on Highway 20 for 19.1 miles and turn right onto E364219A road, proceed for 1.88 miles and turn right onto E354207A road, proceed for 0.1 miles and turn right onto E354207B road and go for 1.29 miles to reach Unit 3. From Unit 3, proceed east on E354207B road for 0.45 miles and turn right onto E354208Q road, proceed for 0.17 miles to reach Unit 4 and another 1.28 miles to reach Unit 5. From the junction of E354207B and E354208Q roads, go east on E354207B road for 0.43 miles to reach Unit 6 and another 0.57 miles to reach Unit 7. From the junction of E354207A and E354207B roads in Unit 7, go east on E354207A road for 0.93 miles to reach Units 8 & 9.

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Modification Date: 11/21/2023