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: **PISTOL PETE SORTS**
   Agreement # **30-104814**

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

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

   Cody Pagel
   Department of Natural Resources
   411 Tillicum Lane
   Forks, WA 98331
   (360) 374-2800

4. Date checklist prepared: **11/06/2023**

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

6. Proposed timing or schedule (including phasing, if applicable):
   a. *Auction Date:*
   04/24/2024

   b. *Planned contract end date (but may be extended):*
   04/07/2025

   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:*
For all VRH units: assessments for treatments will occur after completion of harvest. Site preparation including a chemical herbicide application, may be used to ensure that planting is successful at acceptable levels to meet or exceed Forest Practice standards.

b. *Regeneration Method:*
All VRH units will be hand planted with native species seedlings following harvest.

c. *Vegetation Management:*
A continued assessment of units to determine future vegetation management strategy will be required. Treatments will be based on vegetative competition and will ensure a free-to-grow status that complies with Forest Practice standards. PCT needs will be assessed in 10 to 15 yrs. after planting in units.

d. *Other:*
Road maintenance assessments will be conducted and may include periodic ditch and culvert cleanout and grading as necessary.

Biomass not removed during harvest may be piled near roads and landings. After the project is complete, any remaining piles may be offered for public firewood cutting, burned, or sold.

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

☐ *Landscape plan:*
☐ *Watershed analysis:*
☐ *Interdisciplinary team (ID Team) report:*
☒ *Road design plan:* **Pistol Pete Sorts Road Plan 10/31/2023**
☒ *Wildlife report:* **Wetland Mitigation memo**
☐ *Geotechnical report:*
☐ *Other specialist report(s):*
☐ *Memorandum of understanding (sportsmen's groups, neighborhood associations, tribes, etc.):*
☒ *Rock pit plan:* **Prospector Pit and MC Pit**
☒ *Other:*

- **DNR Policies and Implementation**
  - **Policy for Sustainable Forests (PSF; 2006a)**
  - **Final Environmental Impact Statement on the Policy for Sustainable Forests (2006b)**

    - **Alternatives for the Establishment of a Sustainable Harvest Level for Forested State Trust Lands in Western Washington Final Environmental Impact Statement (2019)**
    - **Silvicultural Rotational Prescriptions**
    - **Land Resource Manager Reports and associated maps**
- **DNR Trust Lands Habitat Conservation Plan and Supplemental Information**
    - **Final Habitat Conservation Plan (HCP; 1997)**
    - **Final (Merged) Environmental Impact Statement for the Habitat Conservation Plan (1998)**
    - **Long-Term Conservation Strategy for the Marbled Murrelet Final Environmental Impact Statement (2019)**
    - **Final State Trust Lands Habitat Conservation Plan Amendment: Marbled Murrelet Long-term Conservation Strategy**
    - **Riparian Forest Restoration Strategy (RFRS; 2006)**
    - **Spotted Owl Habitat Layer**
    - **Marbled Murrelet Habitat Layer**
    - **WAU Rain-On-Snow GIS Layer and Reports**
- **Forest Practices Regulations and Compliance**
    - **Forest Practices Board Manual**
    - **Forest Practices Activity Maps**
    - **Trust Lands HCP Addendum and Checklist**
- **Supporting Data for Unstable Slopes Review**
    - **State Lands Geologist Remote Review (SLGRR)**
    - **Landslide Remote Identification Model (LRIM) tool**
    - **Forest Practices Statewide Landslide Inventory (LSI) screening tool**
- **Supporting Data for Cultural Resources Review**
    - **Historical Aerial Photographs**
    - **USGS and GLO maps**
    - **Department of Archaeology and Historic Preservation database for architectural and archaeological resources and reports (WISAARD)**
- **Additional Supporting Data for Policy Compliance**
    - **Weighted Old Growth Habitat Index (WOGHI)**
    - **State Soil Survey**

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 #* **2618212** ☒ *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 Pistol Pete Sorts timber sale, agreement #30-104814, is located in Clallam County approximately 8 miles east of Port Angeles off of Blue Mountain Road as well as the PA-F-3100 and PA-F-3200 road systems. It encompasses approximately 240 gross acres with a cruised volume of 3,687 MBF. This sale consists of ten variable retention harvest units, one variable density thinning unit, and four right-of-way units; all of which are located in the Siebert-McDonald WAU. Within the proposal area, there are 56 acres of riparian management zone and unstable slopes, 6 acres of forested wetland, 20 acres of wetland management zone, 8 acres of area designated as Leave Tree Areas (LTAs), and less than 1 acre of pre-existing road. The net harvest acreage is 149 acres. Approximately 7,825 feet of new road construction, 2,145 feet of road reconstruction and 23,005 feet of required pre-haul maintenance have been proposed to meet access needs to the sale area. The designated rock sources will be Prospector Pit, MC Pit, and/or commercial sources.

Unit	Gross Proposal Acres	RMZ/Unstable Slope Acres	WMZ Acres	Wetland Acres	Existing Road Acres (within unit)	Leave Tree Area Acres	Net Harvest Acres
1 (VRH)	18.2	6	0	0	0	1	11.2
2 (VRH)	33.1	3.5	1.7	0.4	0	1.3	26.2
3 (VRH)	9.4	0	0	0	0.2	0	9.2
4 (VRH)	33.2	14.3	0	0	0	0.9	18
5 (VRH)	97	23.9	7	3.7	0	4.3	58.1
6 (VRH)	14.3	0	5.8	1.1	0	0.6	6.8
7 (VDT)	3.7	0	0	0	0	0	3.7
8 (VRH)	10.9	0.7	5.7	1.1	0	0.1	3.3
9 (VRH)	8.4	6	0	0	0	0	2.4
10 (ROW)	0.4	0	0	0	0	0	0.4
11 (VRH)	1.3	0.9	0	0	0	0	0.4
12 (VRH)	5.2	1	0	0	0	0	5.2
13 (ROW)	0.4	0	0	0	0	0	0.4
14 (ROW)	1.7	0	0	0	0	0	1.7
15 (ROW)	2.1	0	0	0	0	0	2.1
Totals	**240.3**	**56.3**	**20.2**	**6.3**	**0.2**	**8.2**	**149.1**

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	MBF/acre	Slope %	Elevation Range
1	1973	Douglas-fir, Western redcedar	**Filled**	40%	500'- 580'
2	1863, 1903	Douglas-fir, Western redcedar		43%	580'- 630'
3	1882, 1921, 1978	Douglas-fir	**out**	4%	570'- 580'
4	1863,1941	Douglas-fir, Western redcedar, Red alder, Bigleaf maple		68%	800'- 950'
5	1923, 1943, 1971	Douglas-fir, Western red-cedar, Red alder	**once**	54%	750'- 980'
6	1930, 1944	Douglas-fir, Western redcedar		5%	1040'- 1050'
7	1930, 1944	Douglas-fir, Western redcedar, Red alder	**the**	28%	1020'- 1030'
8	1944	Douglas-fir, Western redcedar		29%	1040'-1080'
9	1931	Douglas-fir	**cruise**	57%	440'- 480'
10	1944	Red alder, Western redcedar		24%	1050'- 1060'
11	1931	Douglas-fir	**data**	8%	480'- 490'
12	1938	Douglas-fir, Western redcedar		12%	480'- 580'
13	1996	Douglas-fir, Red alder	**is**	4%	640'- 650'
14	2002	Grand fir, Red alder		9%	560'- 600'
15	1978	Douglas-fir	**received**	12%	520'- 550'

Harvest Type:

Unit	Harvest Type	Volume to be Harvested (MBF)	Volume to be Harvested (%)	Individual Leave Trees	Clumped Leave Trees	Total Leave Trees
1	VRH	**Filled**	95%	28	70	98
2	VRH		95%	51	175	226
3	VRH	**out**	95%	75	0	75
4	VRH		95%	46	109	155
5	VRH	**once**	95%	124	350	474
6	VRH		95%	18	39	57
7	VDT	**the**	33% **TBD FROM CRUISE #'s**	-	-	-
8	VRH		95%	17	12	29
9	VRH	**cruise**	95%	18	0	18
10	ROW		95%	-	-	-
11	VRH	**data**	95%	8	0	8
12	VRH		95%	42	0	42
13	ROW	**is**	95%	-	-	-
14	ROW		95%	-	-	-
15	ROW	**received**	95%	-	-	-

Overall Unit Objectives:

The overall objectives for this sale includes the production of saw logs and pulp material to generate revenue for trusts while expediting the development of a more diverse multi-storied canopy layer in the future stand. This will be accomplished through the leave tree retention strategy and riparian management zones. These stands will be managed to protect site productivity and maintain the integrity and water quality of adjacent streams.

Ecological - promote diverse forest structure across the landscape while preserving ecological integrity and function.

Economic - Generate revenue for the State trust beneficiaries.

Statute - Comply with the DNR's HCP, the Policy for Sustainable Forests, and Forest Practice Rules and Regulations.

Social - Accommodate dispersed informal recreational activities on DNR managed lands and identify and protect historical and archaeological sites consistent with state/federal law.

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		**7,825**	**5.4**	**0**
Reconstruction		**2,145**		**0**
Maintenance		**23,005**		**0**
Abandonment		**0**	**0**	**0**
Bridge Install/Replace	**0**			**0**
Stream Culvert Install/Replace (fish)	**0**			**0**
Stream Culvert Install/Replace (no fish)	**2**			
Cross-Drain Install/Replace	**25**			

Rock Pits: The designated rock sources will be Prospector Pit, MC Pit, or a commercial source.

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:*

T30-0N R5-0W S23 --- (Units 9, 11 &12)
T30-0N R4-0W S30 --- (MC Pit)
T30-0N R4-0W S31 --- (Unit 4)
T30-0N R5-0W S24 --- (Units 1, 2, 3, 13 ROW, 14 ROW, 15 ROW & Prospector Pit)
T29-0N R5-0W S01 --- (Units 6, 7, 8 & 10 ROW)
T30-0N R5-0W S36 --- (Unit 5)

b. *Distance and direction from nearest town:*

Approximately 12 miles east of Port Angeles.

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 proposal is located within the Siebert-McDonald WAU. Ownership across the WAUs includes large industrial forests, private landowners, and Department of Natural Resources managed forests. Forested stands within the WAUs appear to be primarily second and third growth stands with some old growth stands. The number of forest practice activities shown on the WAU maps, along with observations within the WAUs indicate that the WAUs are intensively managed for timber production.

DNR analyzed carbon sequestration and carbon emissions from projected land management activities within its final environmental impact (FEIS) statement for the 2015-2024 Sustainable Harvest Calculation and the FEIS for the 2019 HCP Long-Term Conservation Strategy for the Marbled Murrelet. At the western Washington scale, land management activities on DNR-managed lands sequester more carbon than emitted. 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. Evaluating carbon sequestration at the western Washington scale is appropriate because a determination of net carbon emissions must consider both the carbon sequestered and the carbon emissions from management within the same analysis area (western Washington).

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 is legally required (RCW 79.10.320) to periodically calculate a sustainable harvest level and manages state trust lands sustainably. DNR has also 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.*

This proposal and all future management activities on DNR lands will be conducted in accordance with the DNR's Habitat Conservation Plan (HCP, 1997), the Policy for Sustainable Forests (2006), and Forest Practice Rules. The HCP is an agreement with the federal government that requires the DNR to manage the landscapes with the intent to preserve and enhance habitat. In accordance with its terms, the following applicable strategies are found to provide a conservation benefit for multiple species:

- **Deferring harvest from unstable slopes.**
- **Retaining Riparian Management Zones (RMZs) on typed waters. This includes a variable width interior core buffer on type 1, 2, 3, 4, unstable type 5 streams.**
- **Retaining Wetland Management Zones (WMZs) based on the of size of wetlands.**
- **Retaining a minimum of 8 leave trees per acre dispersed and clumped throughout VRH units.**
- **Designing, constructing, and maintaining a road system to minimize potential adverse effects on the environment.**
- **Implementing procedures pertaining to threatened and endangered species.**

In concert, the HCP strategies for Northern Spotted Owl, Marbled Murrelet, and riparian conservation will contribute to the retention and development of older forests, while the leave tree procedure will enhance the structural diversity of forests across the landscape. In addition, road construction and maintenance standards will improve the quality of the existing road network and reduce impacts on the environment.

Development of older forests is an expected outcome of the 1997 Trust Lands Habitat Conservation Plan (HCP), and a policy objective stated in DNR's Policy for Sustainable Forests. Landscape assessments made in May 2021, demonstrate that through implementation of the HCP and other Policies and laws, older forest targets will be met in conservation areas over time. These conservation areas include identified long-term forest

cover under the marbled murrelet long-term conservation strategy, riparian areas, areas conserved under the multispecies conservation strategy, potentially unstable slopes, spotted owl nest patches, and spotted owl habitat that must be maintained to comply with the northern spotted owl conservation strategy. The Straits HCP Planning Unit will meet at least 10% older forest within conservation areas by 2090.

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

All mitigation measures are clearly outlined in the HCP. See B.1.d, B.3.c., B.4.d, B.5.d, and B.13. for more details. No additional mitigation measures have been developed for this proposal.

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, it is not likely potential impacts from this proposal will contribute to the environmental concerns listed in question A-13-a. DNR's HCP, the Policy for Sustainable Forests, and the Forest Practice rules substantially helps the Department to mitigate for cumulative effects related to management activities. These strategies have been incorporated in this proposal.

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
SIEBERT-MCDONALD	88238	9839	696	465	92

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).*

WAU:	SIEBERT-MCDONALD
WAU Acres:	88238
Elevation Range:	0 - 5927 ft.
Mean Elevation:	486 ft.
Average Precipitation:	21 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)?

68%

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
1958	GRAVELLY SANDY LOAM
1112	GRAVELLY SANDY LOAM
1643	LOAMY SAND
3012	GRAVELLY SANDY LOAM
3010	GRAVELLY LOAMY SAND

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.*

There are inner gorge streams and outer edge meandering bends adjacent to the sale area that have been excluded from harvest. Additional shallow landslides and bedrock hollows with the potential to deliver were also excluded from harvest.

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

☒ *No* ☐ *Yes, describe the proposed activities:* **N/A**

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

All areas with a moderate to high-risk potential of slope failure and delivery to a public resource have been excluded from the sale harvest area.

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: **5.4 acres**
Approx. acreage new landings: **0 acres**
Fill Source: **Prospector Pit, MC Pit, and commercial sources.**

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 4% 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.)*

Harvesting and road construction will be restricted during periods of heavy rainfall when rutting and surface erosion may occur. Roads will be constructed with properly located ditches, ditch-outs, and cross-drains to divert water onto stable forest floors and/or into stable natural drainages. Best management practices will be utilized as necessary in proximity to live waters. Ground based operations will be suspended during periods of wet weather or wet soil conditions when rutting of skid or shovel roads begins.

Rock identified to be used out of a State lands rock pit shall meet specifications as identified within the Road Plan, which will be determined by the Contract Administrator. If the rock does not meet the specifications, a commercial source shall be used that does and at the Purchaser's expense.

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.

Carbon dioxide emissions associated with harvested wood products are analyzed in Alternatives for the Establishment of a Sustainable Harvest Level Final Environmental Impact Statement (2019) and the Long-Term Conservation Strategy for the Marbled Murrelet Final Environmental Impact Statement (2019).

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

Following harvest, native tree species will be planted on site at a level higher than existed prior to harvest resulting in regeneration of the forest stand and initiating carbon sequestration through forest stand growth.

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:*

Water bodies downstream of the proposed sale area include Siebert Creek, McDonald Creek, Pederson Creek, Emery Creek and two unnamed tributaries. Siebert Creek and McDonald Creek both drain into the Strait of Juan de Fuca.

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	**1**	**1**	**170 feet**
Stream	**2**	**1**	**158 feet**
Stream	**3**	**4**	**157 feet**
Stream	**5**	**10**	**30-foot equipment limitation zone**
Wetland	**Forested <1 acre**	**3**	**100 feet**
Wetland	**Forested > 1 acre**	**3**	**157 feet**

RMZs were applied off of flood plain edges. WMZs were applied off of delineated wetland edges.

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

There are three forested wetlands less than one acre in size associated with this proposal. They are all protected with 100 foot no harvest buffers.

There are three forested wetlands greater than one acre in size associated with this proposal. They are protected with 150 to 160 foot site index buffers based on the Douglas-fir site potential height at age 100.

There is one type-1 stream associated with this timber sale: McDonald Creek. This stream is protected with a 170-foot site index buffer based on the Douglas-fir site potential height at age 100. However, due to the steep convergent topography with shallow landslide deposits directly adjacent to the stream, additional buffer was applied. The nearest harvest boundary is approximately 350 feet to the edge of the floodplain of this stream.

There is one type-2 stream associated with this proposal: Siebert Creek. This stream is protected with a 158 foot site index buffer based on the Douglas-fir site potential height at age 100.

There are four type-3 streams associated with this timber sale: Pederson Creek, Emery Creek, and two unnamed tributaries. These streams are protected with an average 157 foot site index buffer based on the Douglas-fir site potential height at age 100.

There are ten type-5 streams associated with this project. All but one are either outside the sale area or are protected as a part of WMZ buffers. No harvest will occur on unstable slopes associated with the streams.

Unit 7 is a variable density thinning within portions of a forested WMZ and Type 3 RMZ. Per the Department of Natural Resources HCP and Riparian Forest Restoration Strategy; greater than 120 square feet of basal area, 100 trees per acre, and 35 relative density will be maintained with this proposal. Additionally, for every acre of Type 3 RMZ thinning, 5 trees have been designated to be cut and felled towards the stream; and will be left on-site. These felled trees will be utilized as large woody debris for these streams. All of these are within the RMZ but not within the 25 foot no-harvest buffer. Outside of Unit 7, no harvest will occur in the remaining Type 3s.

Unit 10 ROW clearing and harvest associated with Units 6 and 8 will infringe upon the WMZ for the wetland centered between these units and Unit 7 in this proposal. As mitigation for the infringement, the buffer was adjusted with on-site and in kind mitigation to compensate for the loss of buffer acreage. There will be no loss of function to the WMZ. Consultation was conducted with a qualified expert and a memo was provided.

The work detailed in the road plan has been designed to improve surfacing on the haul roads and provide for better drainage by installing additional culverts and replacing culverts that will divert storm water onto stable forest floor. These actions will minimize the potential for delivery of sediment to streams. Soils exposed during road construction activities will be protected from erosion by grass seeding and mulching with hay.

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 felling, bucking, yarding, and road maintenance and construction will occur within 200 feet of some of the described waters above. All activities will be done in accordance with the DNR's HCP and Forest Practice rules. Timber harvest will occur within 200' of typed waters, but no closer than described above in questions B.3.a.1.b and B.3.a.1.c. Culvert work listed in A.11.C will occur within 200 feet of the described waters above.

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:*

All water flow may be temporarily diverted through bypass culverts or retained behind (or pumped around) coffer dams during culvert installation and replacement. Other typed waters may be temporarily diverted if additional culvert replacements are deemed necessary on existing roads.

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 operational procedures outlined in B-1-h.

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

SIEBERT-MCDONALD = 1.9 (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. 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; 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.*

Restricting timber harvest and road maintenance activities during peak rain events will allow for increased resource protection. Road development and maintenance standards will minimize impacts by using cross-drains and ditch-outs to release ditch water onto stable forest floors where flow energy can dissipate prior to reach stream channels. Maintaining RMZs on streams will aid bank stability, hydrologic functions, and provide recruitment of LWD. See B1.d.2, B.1.h, and B.3.a.1 for additional details on protections measures within this proposal.

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 <u>downstream or downslope</u> 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:

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: Oregon grape, Blackberry, Elderberry

☒ *Ferns*

☐ Grass

☐ Pasture

☐ Crop or Grain

☐ *Orchards* ☐ *Vineyard* ☐ *Other Permanent Crops*

☒ Wet Soil Plants:

☐ Bullrush ☐ Buttercup ☐ Cattail ☒ *Devil's Club* ☒ Skunk Cabbage

☒ Other: Horsetail, Water parsley

☐ 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).*

Approximately 3,687 mbf timber will be harvested with this proposal.

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 bordered to the west by 19 year-old State timber; to the south by 21 year-old State timber; and to the east and north by 51 year-old State timber. Unit 2 is bordered to the north by 45 year-old State timber; to the east by 27 year-old State timber; to the south by private timber and residence; and to the west by 120 year-old State timber.
Unit 3 is bordered to the north by 30 year-old State timber; to the east by 10 year-old State regen; to the south by 141 year-old State timber: and to the west by 45 year-old State timber.
Unit 4 is bordered to the north by 47 year-old State timber; to the east by 76 year-old State timber; to the south by 21 year-old State timber; and to the west by 6 year-old State regen.
Unit 5 is bordered to the north by 52 year-old State timber and private timberland; to the east by 113 and 80 year-old State timber; to the south by 8 year-old State regen; and to the west by 113 year-old State timber.
Unit 6 is bordered to the north by 8 year-old State regen; to the east by 81 year-old State timber; to the south by private fields and residence; and to the west by 14 year-old State regen.
Unit 7 is bordered to the north and west by 8 year-old State regen; to the east by private timberland; and to the south by 81 year-old State timber.
Unit 8 is bordered to the west and north by 81 year-old State timber; and to the east and south by private timber, fields and residence.
Unit 9 is bordered to the west, north and east by 92 year-old State timber and to the south by 62 year-old State timber.
Unit 10 ROW is bordered to the west, north and east by 81 year-old State timber and to the south by private fields and residence.
Unit 11 is bordered to the north by 92 year-old State timber and to the east, south, and west by county roads and development.
Unit 12 is bordered to the north by 86 year-old State timber; to the east by county roads; to the south by private timberland; and to the west by 16 year-old State timber.
Unit 13 ROW is surrounded by 28 year-old State timber.
Unit 14 ROW is surrounded by 22 year-old State timber.
Unit 15 ROW is bordered to the north, east and south by 45 year-old State timber and to the west by 27 year-old State timber.

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:
Measures include retaining existing stands within bounded out areas throughout the proposal. Also retaining individual leave trees and leave tree clumps within harvest units (minimally 8 trees per acre of harvest), including structurally unique and/or of the largest diameter class. Specifically, trees larger than 60 inches in diameter or greater will remain on-site. All trees 60 inches in Diameter at Breast Height (DBH) and greater shall not be felled unless for safety reasons, which must be approved by the contract administrator. If trees 60 inches in DBH or greater need to be felled for safety reasons, trees will be left where felled. Replanting with native conifer species in the VRH units will also occur following harvest. Other native conifer and deciduous species may regenerate naturally on-site.

All of the proposed Pistol Pete Sorts timber sale units were reviewed by an Old Growth Designee as well as qualified field staff for the presence of old growth and older trees; including individuals and clumps greater than 5 acres per DNR policy. These units were also screened via ArcGIS spatial datasets to identify areas with a moderate or high probability of old growth occurrence (RS-FRIS Combined Origin Year raster layer, and Weighted Old Growth Habitat Index points and polygon layers). These units were also screened via old aerial photography. As a result, one small clump of legacy old growth trees were identified within the harvest area, not constituting 5 acres in size. These trees have been marked for retention. In the event that one of these trees needs to be cut to facilitate road building or for safe harvesting operations, it will be left on site to serve as downed wood recruitment.

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

Scotch broom, Holly, and Himalayan blackberry.

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: **Turkey vulture**
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: **Forested wetlands**

b. List any threatened and endangered species known to be on or near the site (*include federal- and state-listed species)*.

TSU Number	Common Name	Federal Listing Status	State Listing Status
PISTOL PETE SORTS U5	Northern Spotted Owl	Threatened	Endangered
PISTOL PETE SORTS U3	Marbled Murrelet	Threatened	Endangered

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: **Northern Spotted Owl (NSO)**
Protection Measures: **Harvest falls within the Buck Knoll status 1 owl circle. No activity will occur in NSO Best 70 acres.**

Species /Habitat: **Marbled Murrelet**
Protection Measures: **The proposal does not occur within marbled murrelet special habitat area, occupied sites, occupied site buffers, or marbled murrelet habitat (P-stage) that has been designated for metering. Previously modeled long term forest cover (LTFC) is being updated per this proposal. As previously stated, a portion of RMZ and WMZ will be thinned from below; along with a portion of right-of-way harvest within a WMZ. See below in "Wetland & Riparian" for further details. No other harvest will occur within verified LTFC. In guidance with our Habitat Conservation Plan, no special Marbled Murrelet protections are needed.**

Species /Habitat: **Wetland & Riparian**
Protection Measures: **Buffers have been applied to all type 1, 2 and 3 streams and forested wetlands. Equipment limitation zones are on all typed waters as described in B.3.a.1)b). Riparian buffers are designed to protect the unstable portions of the stream banks and help to protect waters from siltation and increased temperature by providing shade and cover. Buffers also allow the natural occurrence of woody debris that provides pools and eddies for fish habitat along stream banks. Furthermore, these buffers will develop old-forest characteristics that, in combination with the owl and murrelet strategies, will help support old-forest dependent wildlife.**

As previously stated, Unit 7 is a variable density thinning within portions of a forested WMZ and Type 3 RMZ. Per the DNR HCP and Riparian Forest Restoration Strategy; greater than 120 square feet of basal area, 100 trees per acre, and 35 relative density will be maintained with this proposal. Additionally, for every acre of Type 3 RMZ thinning, 5 trees have been designated to be cut and felled towards the stream; and will be left on-site. These felled trees will be utilized as large woody debris for the stream. All of these are within the RMZ but not within the 25 foot no harvest buffer. Outside of Unit 7, no harvest will occur in the remaining type 3s.

Species /Habitat: **Uplands**
Protection Measures: **Harvest will not occur in areas with moderate or high risk of slope failure or delivery to a public resource. Wind-firm, dominant, and structurally unique trees were targeted for retention. A minimum of 8 trees per acre were retained individually and in clumps to provide habitat structures for wildlife species within VRH units. Timber removal will temporarily create open environments that provide valuable foraging and potential habitat for a variety of wildlife species associated with early-stage forest environments.**

Species /Habitat: **Old Growth**
Protection Measures: **Remnant old growth and older individual trees not constituting a stand (as defined by the DNRs HCP) within the harvest areas, have been marked for retention. In the event that one of these trees needs to be cut to facilitate road building or safe harvesting operations, it will be left on site to serve as downed wood recruitment.**

e. List any invasive animal species known to be on or near the site.
None identified.

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:
No cutting on weekends or State recognized holidays unless approved by the contract administrator. No cutting from the hours of 2000-0600 unless approved by the Contract Administrator.

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.)*
The current use of adjacent properties is working forest land and/or small private landowners. 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?
Commercial Forest.

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

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:*
Blue Mountain Rd.

2) *How will this proposal affect any views described above?*
Timber harvesting operations and road construction will be visible off of Blue Mountain Rd. Adjacent landowners may also be able to see ongoing harvest activities.

c. Proposed measures to reduce or control aesthetic impacts, if any:
The VRH portions of the timber sale will be replanted with native species following harvest. Leave trees will provide visual breaks and distribution of harvest units within the landscape will reduce the aesthetic impact of the view shed.

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?
Dispersed informal recreation in the form of hiking, hunting, fishing, berry picking, and sightseeing. Logging road are also used for ATV/motorcycles, mountain bike riding, 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:
Measures will include posting signs notifying users of the ongoing timber sale activities including cutting, yarding and hauling.

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.
None.

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.
None.

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 check of the Department of Archaeology and Historical Preservation (DAHP) database, historic USGS map on available GIS layer, and Land Resource Manager (LRM) Special Concerns Report was used to identify cultural resources in the proposed project area. Additionally, a Cultural Resource Technician was consulted.

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.
Highway 101, Blue Mountain Rd., Gellor Rd., and Transfer Station Rd.

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. The nearest transit spot is approximately 1.1 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 6:00 a.m. and 8:00 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: Cody Pagel

Name of signee **Cody Pagel**

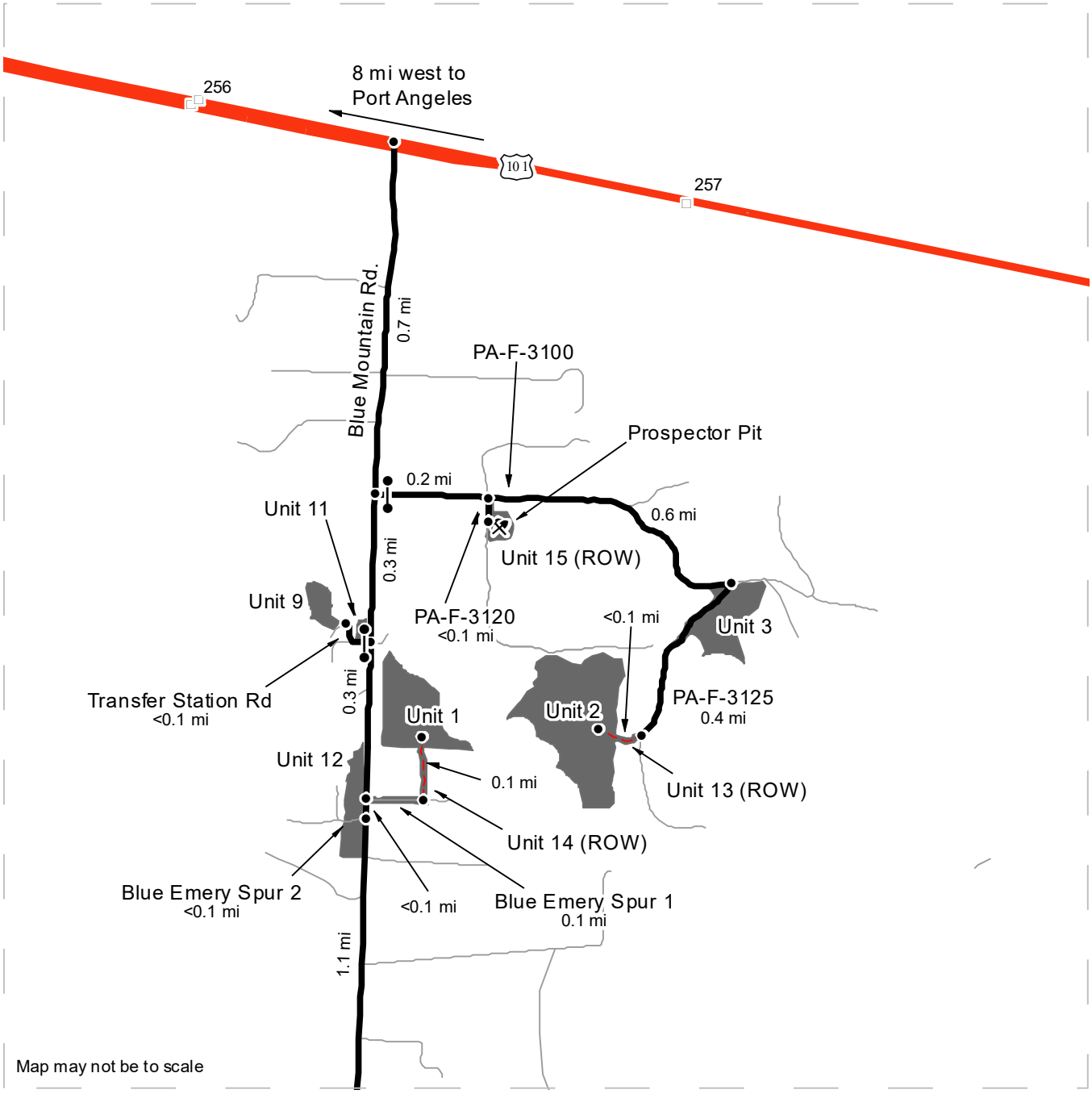
Position and Agency/Organization **Unit Coordinator – WA DNR**

Date Submitted: 1/04/2024

DRIVING MAP

SALE NAME: PISTOL PETE SORTS
AGREEMENT#: 30-104814
TOWNSHIP(S): T29R5W, T30R4W, T30R5W
TRUST(S): Common School and Indemnity (3), State Forest Transfer (1)

REGION: Olympic Region
COUNTY(S): Clallam
ELEVATION RGE: 440'-1080'



Timber Sale Unit
Highway
Haul Route
Other Road
View Only Route
Milepost Markers
Distance Indicator
Gate (AA1)
Rock Pit

DRIVING DIRECTIONS

See attached directions.

N

Prepared By: bsin490

Modification Date: Dsie490 11/29/2023

DRIVING MAP

SALE NAME: PISTOL PETE SORTS
AGREEMENT#: 30-104814
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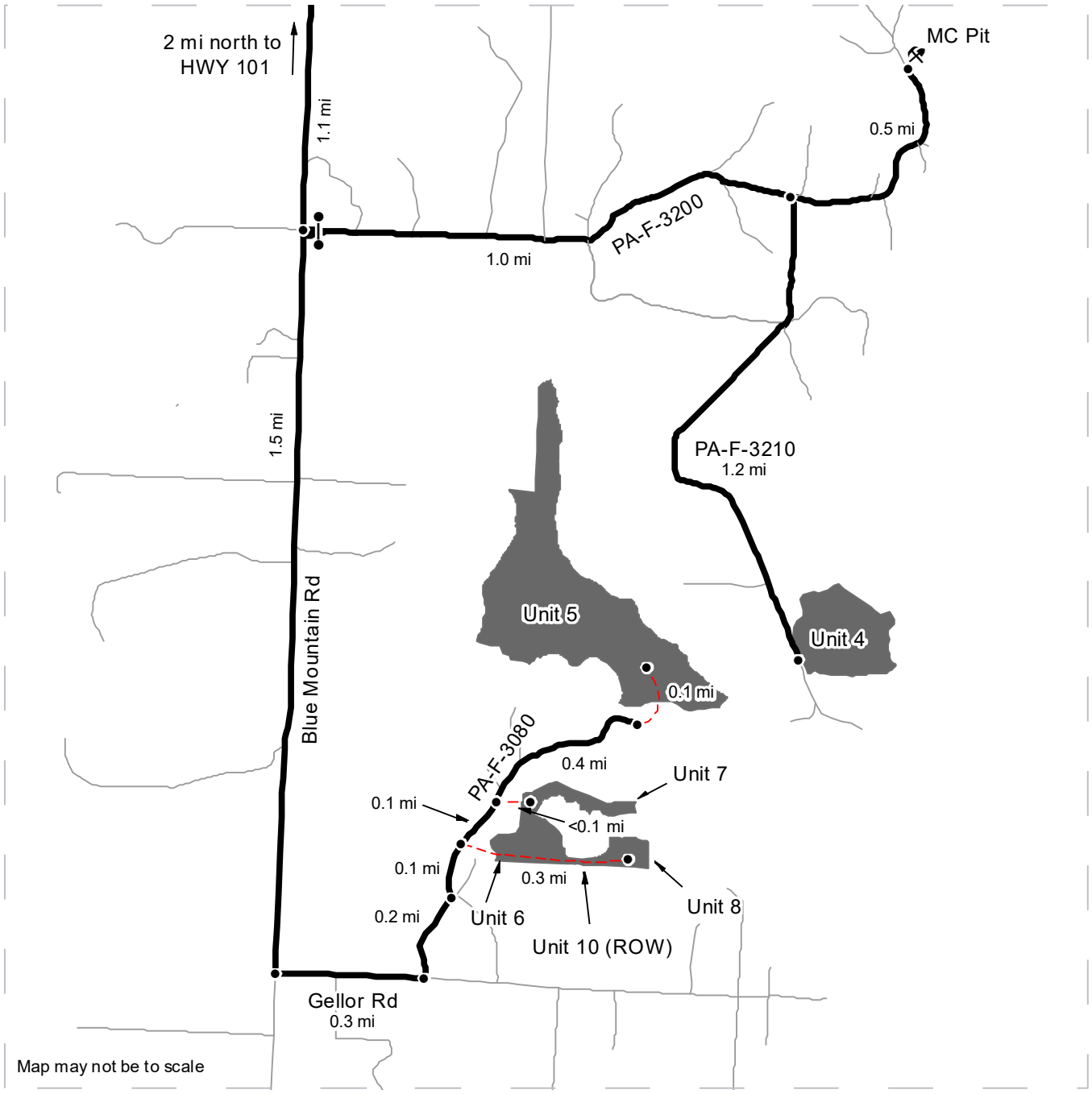

Timber Sale Unit
Highway
Haul Route
Other Road
View Only Route
Milepost Markers
Distance Indicator
Gate (AA1)
Rock Pit

DRIVING DIRECTIONS

See attached directions.

N

Prepared By: bsin490

Modification Date: Dsie490 11/29/2023

DRIVING DIRECTIONS

From Hwy 101, turn south onto Blue Mountain Rd and travel for 0.7 mi.

Units 2, 3, 13 (ROW) & 15 (ROW)/Prospector Pit: Turn east onto PA-F-3100, proceed through the gate and drive for 0.2 mi, then turn south onto PA-F-3120 to reach Unit 15 (ROW) and Prospector Pit. Unit 3 is 0.6 mi further down PA-F-3100. From Unit 3, turn south onto PA-F-3125 and proceed 0.4 mi to arrive at Unit 13 (ROW). Walk west through Unit 13 (ROW) for less than a mile to reach Unit 2.

Units 9 & 11: From PA-F-3100, proceed 0.3 mi south onto Blue Mountain Rd and turn west onto Transfer Station Rd. Proceed through the gate and take the right fork. Unit 9 will be to the north and Unit 11 to the east.

Units 1,12 & 14 (ROW): From Transfer Station Rd, drive south on Blue Mountain Rd for 0.3 mi. Unit 14 (ROW) will be immediately to the east. To reach Unit 1, walk east on Blue Emery Spur 1 then north through Unit 14 (ROW) for approximately 1 mile each. Unit 12 is less than 0.1 mi further south down Blue Mountain Rd from Unit 14 (ROW) to the west off of Blue Emery Spur 2.

Unit 4 & MC Pit: From Blue Emery Spur 2, continue south on Blue Mountain Rd for 1.1 mi and turn east onto PA-F-3200. Proceed through the gate and drive for 1 mi. Continue east on PA-F-3200 at the spur for another 0.5 mi to reach MC Pit. Back at the spur with PA-F-3200, veer south onto PA-F-3210 and drive for 1.2 mi to reach Unit 4.

Units 5, 6, 7, 8 & 10 (ROW): From the PA-F-3200, drive south on Blue Mountain Rd for 1.5 mi and turn east onto Gellor Rd. Drive for 0.3 mi and turn north onto PA-F-3080. Drive for 0.2 mi before veering left at the next intersection. Approximately 0.1 mi further north on PA-F-3080, Units 6, 8, and 10 (ROW) can be accessed by walking 0.3 mi to the east. Drive another 0.1 mi further north on PA-F-3080 then again walk east 0.1 mi to reach Unit 7. Back on the PA-F-3080, drive 0.4 mi further north then walk 0.1 mi north to reach Unit 5.

TIMBER SALE MAP

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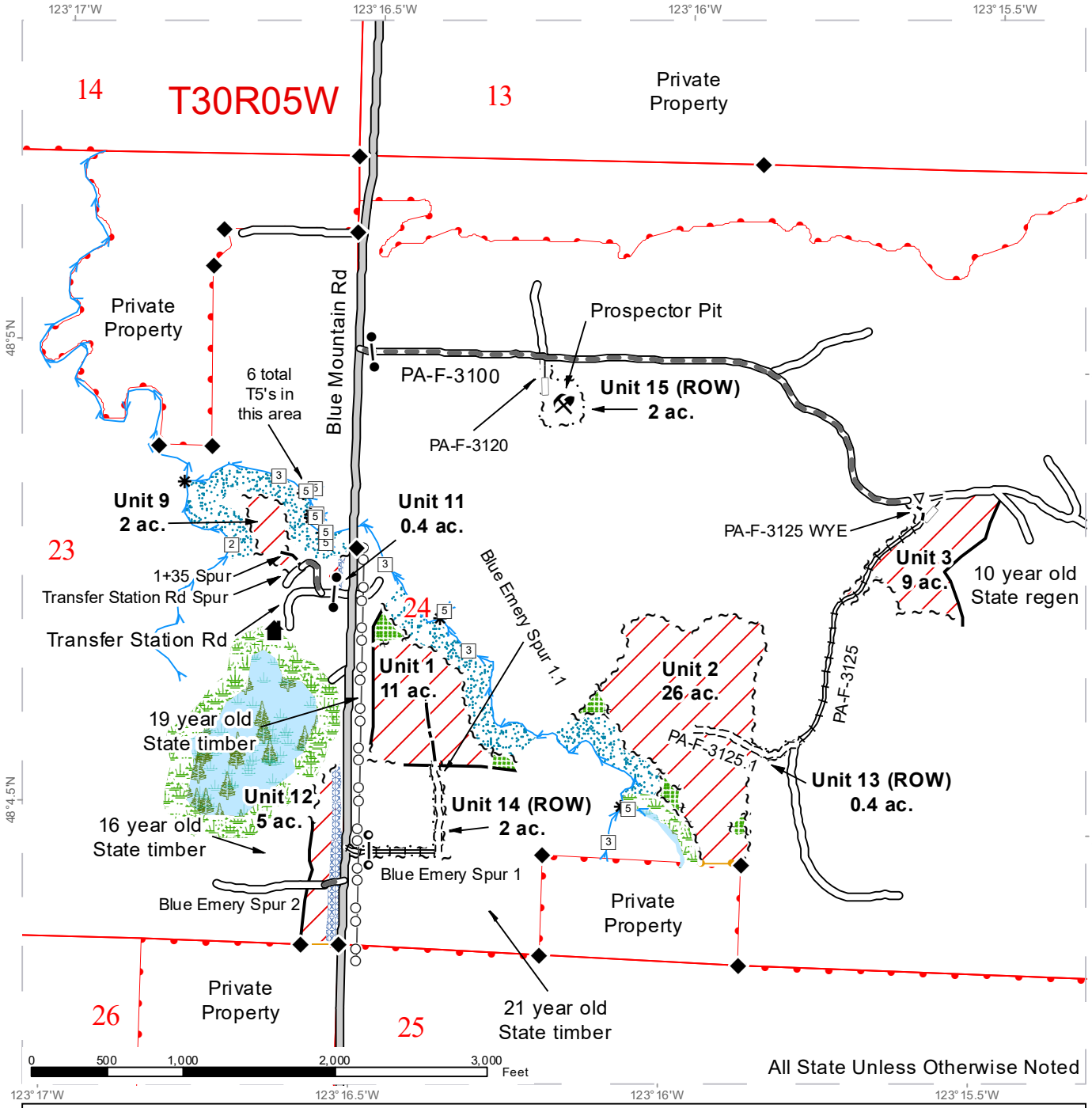

- Variable Retention Harvest
- Variable Density Thinning
- DNR Managed Lands
- Riparian Management Zone
- Forested Wetland
- Wetland Management Zone
- Leave Tree Area
- Hazard Abatement Area
- Power Lines
- Streams
- Stream Type
- Stream Type Break
- Survey Monument
- Gate (AA1)
- Gate Installation
- Rock Pit
- Structure
- Sale Boundary Tags
- Special Mgmt Area
- Leave Tree Tags
- Right of Way Tags
- Take / Removal Trees
- Property Line
- Flag Line
- Timber Type Change
- County Road
- Existing Roads
- Required Pre-Haul Maintenance
- Required Construction
- Required Reconstruction
- Optional Pre-Haul Maintenance
- Optional Construction
- Optional Reconstruction

N

Prepared By: bsin490

Modification Date: Dsie490 12/6/2023

TIMBER SALE MAP

SALE NAME: PISTOL PETE SORTS
AGREEMENT #: 30-104814
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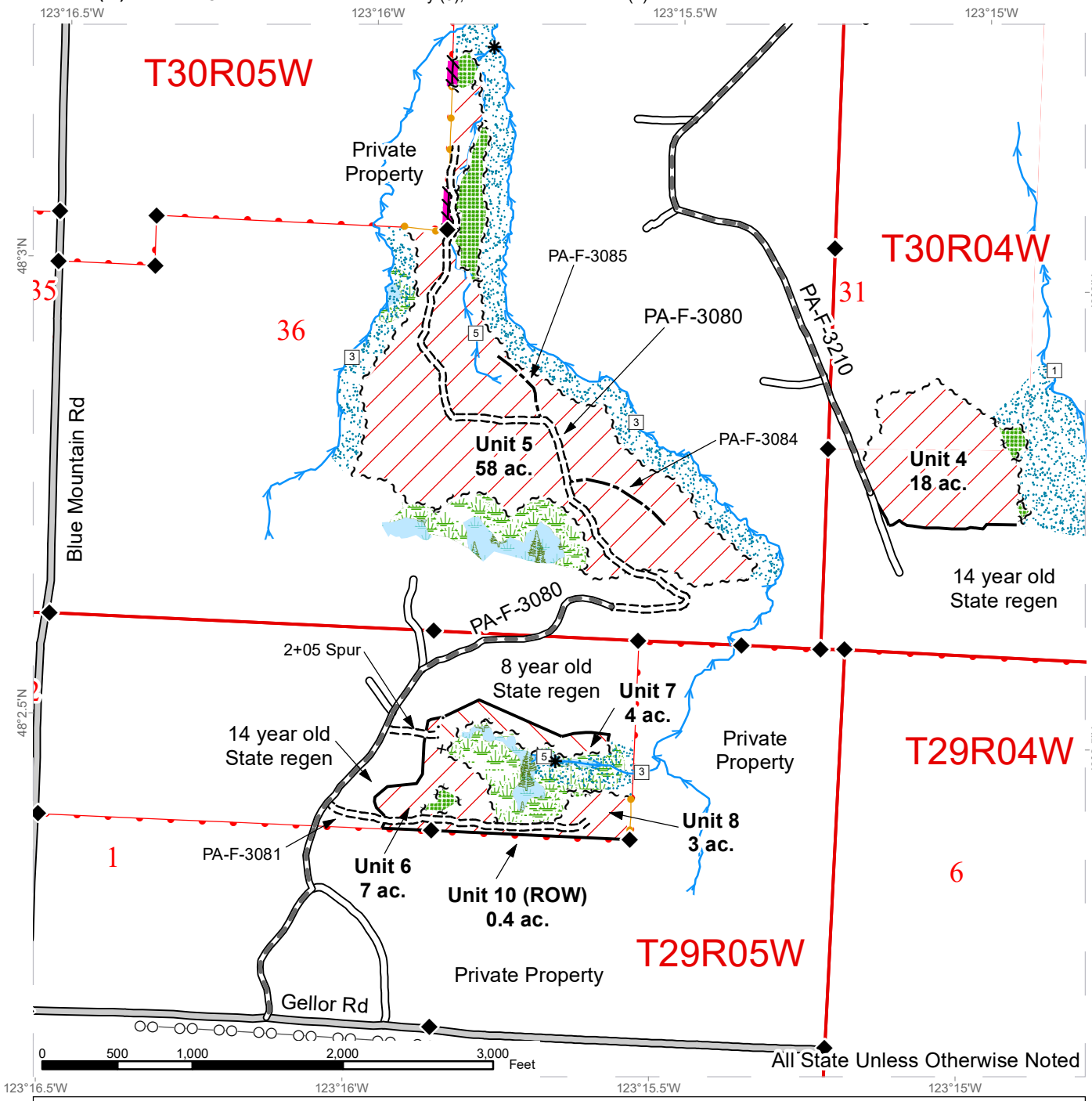

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- Existing Roads
- Required Pre-Haul Maintenance
- Required Construction
- Required Reconstruction
- Optional Pre-Haul Maintenance
- Optional Construction
- Optional Reconstruction

N

Prepared By: bsin490

Modification Date: cpag490 12/11/2023