

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: **SALTY VIEW**
Agreement # **30-100653**

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: **07/21/2020**

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

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

a. *Auction Date:*

01/27/2021

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

10/31/2023

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 Units 1-4: Assessment for treatment 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:

Units 1-4 will be hand planted with native species seedlings.

c. Vegetation Management:

A continued assessment of units 1-4 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 1-4.

d. Other:

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.

Road maintenance assessments will be conducted and may include periodic ditch and culvert cleanout, and grading as necessary.

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: Salt Creek and Lyre River

*See Summary of
Comments* 10/5/2020 CD

temp

sediment

completed TMDL (total maximum daily load)

Landscape plan:

Watershed analysis:

Interdisciplinary team (ID Team) report:

Road design plan: Salty View Road Plan 8/18/2020

Wildlife report:

Geotechnical report: Engineering Geologic Risk Assessment Salty View Timber Sale September 2nd, 2020

Other specialist report(s): Level 1 hydrologic change analysis for proposed timber sale in sub-basin 4 of Lake Crescent WAU, and Habitat potential for bald features located within the proposed Unit 2 (T30R09W_9)

Memorandum of understanding (sportsmen's groups, neighborhood associations, tribes, etc.):

Rock pit plan: Fraggie Rock Pit, Burgh Pit, and Ellie Pit

Other: Fish and Wildlife Eagle Certification

Referenced documents may be obtained at the Olympic Region office during the SEPA review period.

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.

*See Summary of
Comments*
10/5/2020 CD

FPA # 2616723

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.)

*See Summary of
Comments* 10/5/2020
CD

a. Complete proposal description:

The Salty View timber sale, agreement # 30-100653 and associated Forest Practice application is located approximately 8 miles west of Port Angeles off the PA-J-4000 and PA-S-1300 road systems. It is a 4-unit proposal with associated rights-of-way located in the Salt Creek, and Lake Crescent WAUs. It encompasses approximately 307 gross acres with an estimated sale volume of 8,628 mbf. This proposal consists of four variable retention harvest (VRH) units and three right-of-way (ROW) units. Within the proposal area, there are 44 acres of Riparian Management Zone (RMZ). There are approximately 12 acres of Leave Tree Area (LTA) and 4 acres of existing roads. The net harvest acreage is 248 acres. Approximately 9,470 feet of new road construction, 3,010 feet of reconstruction, and 54,735 feet of pre-haul maintenance are proposed to meet access needs into the sale area. The designated rock sources will be from Fraggie Rock Pit, Ellie Pit, Burgh Pit, local borrow sources and commercial sources.

Unit	Proposal Acres (<i>gross</i>)	RMZ/WMZ Acres	Existing Road Acres (<i>within unit</i>)	Leave Tree Clump Acres	Net Harvest Acres
1	85	7	4	4	70
2	107	4	0	4	99
3	83	33	0	3	47
4	29	0	0	1	28
5	1	0	0	0	1
6	2	0	0	0	2
7	1	0	0	0	1
Totals	308	44	4	12	248

- 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	Slope (%)	Elevation Range (ft)
1	1937/1939/1947	Western Hemlock	Variable Retention Harvest	130	1050-1940
2	1939/1944/1950	Western Hemlock, Douglas Fir	Variable Retention Harvest	120	920-2000
3	1923/1925	Douglas Fir	Variable Retention Harvest	85	540-1230
4	1914	Douglas Fir	Variable Retention Harvest	60	1170-1360

Type of Harvest:

Unit	Harvest Type (VDT/VRH/etc)	Volume to be Harvested (mbf)	Volume to be Harvested (%)	Individual Leave Trees	Clumped Leave Trees	Total Leave Trees
1	VRH	2117	95	36	524	560
2	VRH	2965	95	115	677	792
3	VRH	2110	95	7	369	376
4	VRH	1333	95	9	217	226
5	Right Of Way	13	100	0	0	0
6	Right Of Way	85	100	0	0	0
7	Right Of Way	5	100	0	0	0

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		9,470	4	0
Reconstruction		3,010		0
Pre-Haul Maintenance		54,735		
Abandonment		0	0	0
Bridge Install/Replace	1			0
Stream Culvert Install/Replace (fish)	0			0
Stream Culvert Install/Replace (no fish)	0			
Cross-Drain Install/Replace	25			

The designated rock sources will be Fraggie Pit, Ellie Pit, Butgh Pit, local borrow sources, or commercial rock 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:

T30N R8W S11

T30N R8W S13

T30N R8W S14 (harvest, Ellie Pit, and Burgh Pit)

T30N R9W S08 (harvest and borrow source)

T30N R9W S09 (harvest, borrow sources and Fraggie Rock Pit)

T30N R9W S16

See Summary of Comments 10/5/2020
CD

- b. Distance and direction from nearest town:

8 miles west of Port Angeles, Washington

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 Salt Creek and Lake Crescent WAUs. Ownership across the WAUs includes large industrial forests, private land owners, federal lands, 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.

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 3, 4, unstable type 5 streams. Equipment limitation zones are required on all streams**
- **Retaining a minimum of 8 leave tree 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 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.

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

*See Summary of
Comments* 10/5/2020
CD

All mitigation measures are outlined in the HCP. 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?

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
SALT CREEK	70619	12498	1026	914	547
LAKE CRESCENT	51169	7921	822	96	248

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:	SALT CREEK
WAU Acres:	70619
Elevation Range:	0 - 2513 ft.
Mean Elevation:	255 ft.
Average Precipitation:	42 in./year
Primary Forest Vegetation Zone:	Western Hemlock

WAU:	LAKE CRESCENT
WAU Acres:	51169
Elevation Range:	0 - 5549 ft.
Mean Elevation:	1564 ft.
Average Precipitation:	74 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)? **130%** *See Summary of Comments*
10/5/2020 CD
- 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
8047	V.GRAVELLY SANDY LOAM
8048	V.GRAVELLY SANDY LOAM
1959	GRAVELLY SANDY LOAM
1958	GRAVELLY SANDY LOAM
7109	GRAVELLY LOAM

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. *See Summary of Comments*
10/5/2020 CD

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 bedrock hollows, inner gorges, active, dormant-indistinct, and relict deep-seated glacial landslides and recharge areas; and active/recent and relict deep-seated bedrock landslides that are in or around the harvest proposal. All areas of high to moderate failure potential have been evaluated and excluded from the harvest.

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

No *Yes, describe the proposed activities:*

There is proposed pre-haul maintenance through an active/recent deep-seated bedrock landslide and a "Category E" feature on the existing PA-S-1300 road within Unit 1. Within the portion of the road that bisects the landslide and is associated with the Category E, there will be an equipment staging limitation zone,

as recommended by a Licensed State Engineering Geologist. Additionally, trees associated with this landslide has been excluded from harvest; with leave tree areas applied to both sides of the landslide to further protect it.

There is a proposed new road construction with right-of-way (Unit 6) through a potential inner gored area associated with an active/recent deep seated glacial landslide adjacent to Unit 3. There will be mitigation measures in place to reduce the slope failure potential. This includes full bench construction, slope reinforcement methods, erosion control matting, and French drainages. Based off the above mitigations as reviewed by a licensed State Engineering Geologists, the armoring of the toe and body of DSL-3 will increase slope stability, as it will increase the resisting forces along the failure plane of the landslide.

Cable yarding corridors, equipment crossing(s), and tailholds may be necessary within the topographic groundwater recharge area of the deep-seated landslide mentioned above. Corridors and equipment crossing(s) may necessitate a small amount of trees to be felled within the geologically sensitive area. None of the trees cut in this area will be removed. All activities within this area will be done in a manner that minimizes disturbance and will be approved by a licensed State Engineering Geologist prior to the cutting of any trees and yarding.

In addition to the above, some harvest will occur in Unit 3 on relict deep-seated glacial landslides and/or their associated topographic recharge areas. There will be new road construction through some of these topographic recharge areas. All of the activities have been reviewed by a licensed State Engineering Geologist, who determined the risk of impacts to be low.

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

All areas with moderate or high risk of slope failure and delivery to a public resource have been excluded from harvest, or have been mitigated (see B-1-d-1 for mitigations).

Shallow rapid landslides, active bedrock deep seated landslides, and bedrock hollows have been excluded from harvest. All inner gorges, with the exception of Unit 6 (see B-1-d-1 for mitigations), have been excluded from harvest. A review of the statewide landslide inventory (LSI) screening tool indicates that there are no adjacent landslide polygons. These polygons are external to the harvest boundary and have been reviews by a licensed State Lands Geologist.

- 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: 1

Approx. acreage new landings: 2

Fill Source: Fraggie Rock Pit, Ellie Pit, Burgh Pit, local borrow sources 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 2% 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.)*

The hauling of forest products will not be permitted on state roads from November 1st to April 30th unless authorized in writing by the Contract Administrator. 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.

2. Air

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

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

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

None known.

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

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

3. Water

- a. Surface Water:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. (See "WAU Map(s)" and "Timber Harvest Unit Adjacency Map(s)" as referenced on the DNR website: <http://www.dnr.wa.gov/sepa>. Click on the DNR region of this proposal under the Topic "Current SEPA Project Actions - Timber Sales." Proposal documents also available for review at the DNR Region Office.)

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

a. Downstream water bodies: Streams in proximity to the sale area are unnamed tributaries to Susie Creek, Boundary Creek, Salt Creek, and the Lyre River. All of which drain to 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	3	2	Variable width interior core buffer of 157'-165' and a 30' equipment limitation zone.
Stream	4	2	Interior core buffer of 105'-115' and a 30' equipment limitation zone.
Stream	5	20	Variable width interior core buffer around unstable slopes of 15-50' and 30' equipment limitation zone.

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

There are two Type-3 streams associated with this proposal. They are protected with a 157' full site index buffer based on the Douglas-fir site potential height at age 100. One of the Type-3 stream will have a right of way unit going through the RMZ. All BMPs will be followed during the cutting, yarding, and construction process. No other timber harvest will occur within these buffers.

There are two Type-4 streams associated with this proposal. They are protected with a 105'-115' buffer.

There are twenty Type-5 streams associated with this proposal. Unstable portions associated with Type-5s have been excluded from harvest. All Type-5s have a 30' Equipment Limitation Zone (ELZs).

* There is a 30' ELZ on all streams associated with this sale.

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. Additionally, a new culvert and a bridge will be installed to allow fish passage. Soils exposed during road construction and re-construction activities will be protected from erosion by grass seeding, mulching with hay, and seasonal restrictions.

- 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 all 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. See timber sale maps and FP application with accompanying maps for more details.

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

None.

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

No

Yes, description:

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

No

Yes, describe activity and location:

There will be a permanent log stringer bridge installed across Salt Creek to provide access into Unit 3.

- 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)?*

SALT CREEK = 2.1 (mi./sq. mi.), LAKE CRESCENT = 1.4 (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(s) intercept sub-surface flow and deliver surface water to streams, however current road construction, reconstruction, and/or maintenance standards will be applied that address this issue by installing cross-drains to deliver ditch water to stable forest floors.

- 10) *Is there evidence of changes to channels associated with peak flows in the proposal area (accelerated aggradations, surface erosion, mass wasting, decrease in large organic debris (LOD), change in channel dimensions)?*

No Yes, describe observations:

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

- 11) *Describe any anticipated contributions to peak flows resulting from this proposal's activities which could impact areas downstream or downslope of the proposal area.*

It is not likely the proposed activity will change the timing, duration, or volume of water during a peak flow event. This proposal limits harvest unit size and proximity to other recent harvests, minimizes the extent of the road network, incorporates

road drainage disconnected from stream networks, and implements wide riparian buffers which all have mitigating effects on the potential for this proposal to increase peak flows that could impact areas downstream or downslope of the proposal area.

Additionally, due to harvest activities, including this proposal, within the “sub-basin 4” of the Lake Crescent WAU; the significant rain-on-snow (ROS) precipitation zone will decrease below the two-thirds hydrological maturity threshold. In accordance with the DNR’s Habitat Conservation Plan, the two-thirds threshold prescription may be waived based on a hydrological change analysis using methodology described in the Hydrologic Change Module of Watershed Analysis (WA Forest Practices, 1994). The following was found based on the analysis completed for sub-basin 4:

Under current conditions, two-year peak annual flow is increased 2.4% relative to maximum hydrologic maturity conditions. After the proposed harvest, two-year peak annual flow is predicted to increase an additional 1.9%. Sub-basin 4 has a “low” sensitivity to the proposed harvest and standard forest practice regulations apply.

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 reaching stream channels. Maintaining RMZ’s on streams will aid bank stability, hydrologic functions, and provide recruitment of LWD. See B.1.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, 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:

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:

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).* *See Summary of Comments*
10/5/2020 CD
- Approximately 8,628 MBF of 70-106-year-old 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 by 6 and 23-year-old state timber to the north, 81-year-old state timber to the east, 2 and 73-year-old state timber to the south and 83-year-old state timber to the west.

Unit 2 is bordered by 23-year-old state timber to the north, private timber to the east, 8-year-old state timber to the south, and 76-year-old state timber to the east.

Unit 3 is bordered by 97-year-old state timber to the north, private and 95-year-old state timber to the east, private and 29-year-old state timber to the south, and 95 and 97-year-old state timber to the west.

Unit 4 is bordered by private timber to the north and east, 25-year-old state timber to the south, and 31-year-old state timber to the west.

Unit 5 is bordered by 81-year-old state timber to the north and 70-year-old state timber to the south.

Unit 6 is bordered by 95-year-old state timber.

Unit 7 is bordered by 95-year-old state timber.

- c. List threatened and endangered *plant* species known to be on or near the site. *See Summary of Comments* 10/5/2020 CD

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:

Retaining existing stands within bounded out areas throughout the proposal, leave tree areas within harvest units, and replanting with native conifer species in the VRH units following harvest. Other native conifer and deciduous species may regenerate naturally on site.

A bald assessment was performed in Unit 2. Two areas of potential were identified and removed from the sale area with non-tradable leave trees.

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

Scotch broom, 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:

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:

Bald eagles have been observed in flight in the vicinity. There is one known, unmapped nest site within 660 feet of the harvest proposal. See B.5.D.1) below for additional information.

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

See Summary of Comments 10/5/2020 CD

TSU Number	Common Name	Federal Listing Status	State Listing Status
SALTY VIEW U5	Northern Spotted Owl	Threatened	Endangered
SALTY VIEW U5	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.

See Summary of Comments 10/5/2020 CD

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 Wetland and Riparian. Protection Measures: Riparian buffers have been applied to all type 3, 4, and unstable 5 waters. 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.

Species /Habitat: Upland 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 eight 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: Northern Spotted Owl Protection Measures: Harvest units fall within the Boundary Creek, Pyramid Mountain, Salt Creek, Mt. Baldy, and Mt. Baldy West status one owl circles. No activity will occur in Spotted owl best 70 acres.

Species/Habitat: Marbled Murrelet – The proposal does not occur within marbled murrelet special habitat areas, 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 as a result of field verification and no harvest will occur within verified LTFC. In guidance with our habitat conservation plan, no special murrelet protections are needed.

Species/Habitat: Bald Eagle – One eagle nest site has been identified and has been protected following the USFWS guidance. No harvest of overstory trees will occur within 330 feet of the nest site. Seasonal timing restrictions will be in place for all activities that occur within 330 to 660 feet of the known nest site to limit disturbances during the nesting season. During the eagle nesting season (January 1st – August 31th) no timber harvest activities including felling, chainsaw, and yarding operations will occur within 660 feet of the nest site.

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

None known

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

**See Summary of Comments*
10/5/2020 CD*

during periods of increased fire risk. Fire tools and equipment, including pump trucks and/or pump trailers, will be required on site during fire season.

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

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

There will be short term, low level and high level noise created by the use of harvesting equipment and hauling operations within the proposal area. This type of noise has been historically present in this geographical area.

- 3) Proposed measures to reduce or control noise impacts, if any:
None.

8. Land and shoreline use

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

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 Land

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

Commercial 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:*

The timber harvesting activities will be visible from the Strait of Juan de Fuca and the Sadie Creek Trail system.

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

Portions of timber harvest and road construction can be viewed from these areas. Portions of the Sadie Creek Trail system will be closed during logging. All access will be normal following logging 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?

Sadie Creek Trail system.

Dispersed informal recreation in the form of hiking, hunting, fishing, berry picking, and sightseeing. Logging roads 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:

Impacts will be controlled by closing existing portions of the trail that goes through timber sale unit and rerouting. Additional 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.

See Summary of Comments
10/5/2020 CD

Yes. A cultural resource is present within the timber sale area. This resource has not been evaluated for state or national heritage register listing because it will be avoided by the proposed project. The sale has been designed to avoid impacts to this resource.

- 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.

*See Summary of
Comments*
10/5/2020 CD

Yes. A cultural resource is present within the sale area. The sale has been designed to avoid impacts to the resource, in consultation with a DNR state lands archeologist.

- 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. None were found. A check of the cultural resources layer on the State Upland viewing tool shows no cultural resources on or near the site. An Archaeologist and Cultural Resource Technician also did a remote and field review, in which they identified and recorded a cultural resource.

- 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.

*See Summary of
Comments*
10/5/2020 CD

Sale design considerations, road layout and specific contract language have been implemented to avoid impacts to cultural resources.

If a presently-unknown cultural resource is discovered during project operations, DNR will comply with the March 2010 Cultural Resources Inadvertent Discovery Guidance or its successor policy.

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.

Equipment transportation and log haul will occur along the Hwy 112 corridor, Dan Kelly Road, and Eden Valley Road.

- 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 stop is approximately 4.5 miles away.

- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

None.

- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

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.

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

No.

- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and 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.

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

No.

- h. 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:

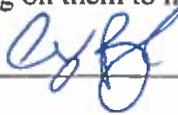
electricity natural gas water refuse service telephone sanitary sewer
 septic system other:

- 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: Name of signee Cody PagelPosition and Agency/Organization Unit Coordinator/WA DNRDate Submitted: 9/24/2020



Summary of Comments

I have reviewed this SEPA Checklist and have the following comments:

CD

A. Background

8. The Engineering Geologic Risk Assessment Salty View Timber Sale and Slope Stability Informational Form are available on FPARS with FPA/N 2616723.
10. FPA/N 2616723 and the associated Engineering Geologic Risk Assessment Salty View Timber Sale are available for viewing in FPARS.
11. FPA/N 2616723 indicates approximately 248 acres (approximately 8,692 MBF) of even-aged and right-of-way harvest are included in this proposal within seven harvest units. The FPA also indicates approximately 12,480 feet of road construction and spoils deposits totaling approximately 15,500 cubic yards are included. One F crossing (bridge installed) is planned (per Question 14 of FPA/N 2616723). Fraggie Rock Pit, Burgh Pit, and Ellie Pit will be expanded and other rock pits (B1, B2, and B3) will be developed (per Question 17 of FPA/N 2616723).
12. The location of this proposal is confirmed as Sections 11, 13, 14 Township 30 North, Range 8 West and Sections 8, 9, 16 Township 30 North, Range 9 West in Clallam County (per Question 7 of FPA/N 2616723).
- 13.c. Additional mitigation measures for potentially unstable slopes are outlined in FPA/N question 28 and described in the Engineering Geologic Risk Assessment Salty View Timber Sale.

B. Environmental Elements

Earth

- 1.b. The steepest slope is confirmed via FPA/N 2616723 and the Engineering Geologic Risk Assessment Salty View Timber Sale.
- 1.d. The FPA/N, Slope Stability Informational Form, Engineering Geologic Risk Assessment Salty View Timber Sale indicates that inner gorges, bedrock hollows, groundwater recharge areas for glacial deep-seated landslides, glacial and bedrock deep-seated landslides found are in and around the proposed harvest and road construction.

Water

- 3.a.1. FPA/N 2616723 indicates many typed streams per HCP.
- 3.a.2. FPA/N 2616723 indicates work within 200ft of typed waters per HCP (question 25 of the FPA/N).

Plants

- 4.b. FPA/N 2616723 will remove approximately 8,692 MBF of timber.
- 4.c. FPRAM check indicates no potential conflicts with T&E plant species.

Animals

- 5.b. FPRAM check indicated the proposal is within MM detection areas, the 1.5 mile occupied buffer, and within 0.25 miles of an occupied site. NSO Maps are on file at the Region Office.
- 5.c. Washington State is considered part of the Pacific Flyway; however no impacts are anticipated as a result of this proposal.



Environmental Health

- 7.a.5. If contamination is suspected, the proponent must contact the Department of Ecology.

Historic and cultural preservation

- 13.a. FPRAM check indicates a potential conflict with cultural historical sites or resources. Proposal will be sent to DAHP for review.
- 13.b. FPRAM check indicates a potential conflict with archaeological or cultural sites or resources. Proposal will be sent to DAHP for review.
- 13.d. In the event that any unknown historical/archaeological resources are encountered, ground disturbing activities must be halted and DAHP and local tribes contacted.

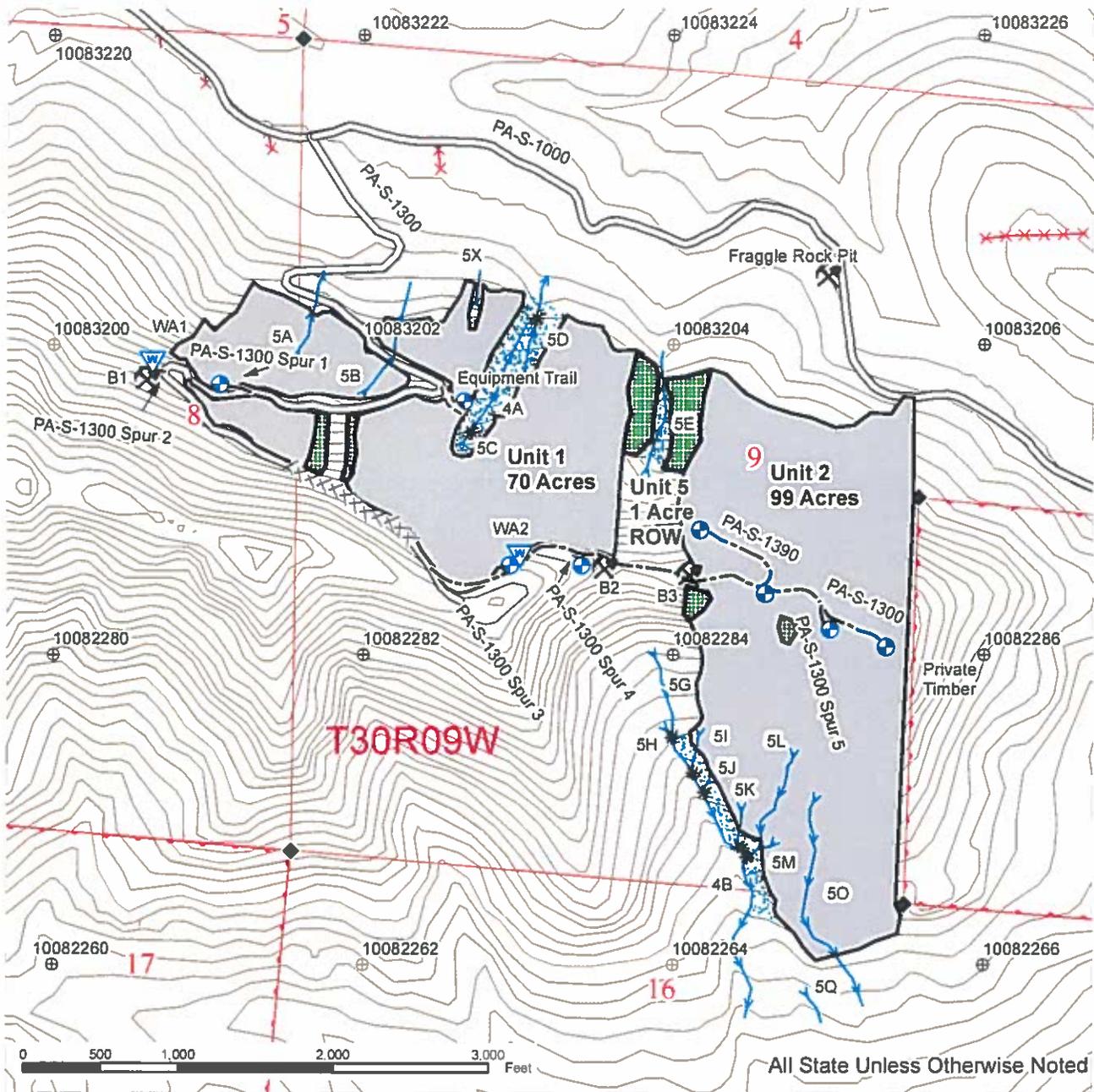
Chelsea Drum 10/5/2020

Chelsea Drum
Department of Natural Resources – Olympic Region
Forest Practices Coordinator

FOREST PRACTICES ACTIVITY MAP

SALE NAME: SALTY VIEW
 APPLICATION #: TBD by FP Staff

COUNTY(S): Clallam
 TOWNSHIP(S): T30R8W, T30R9W



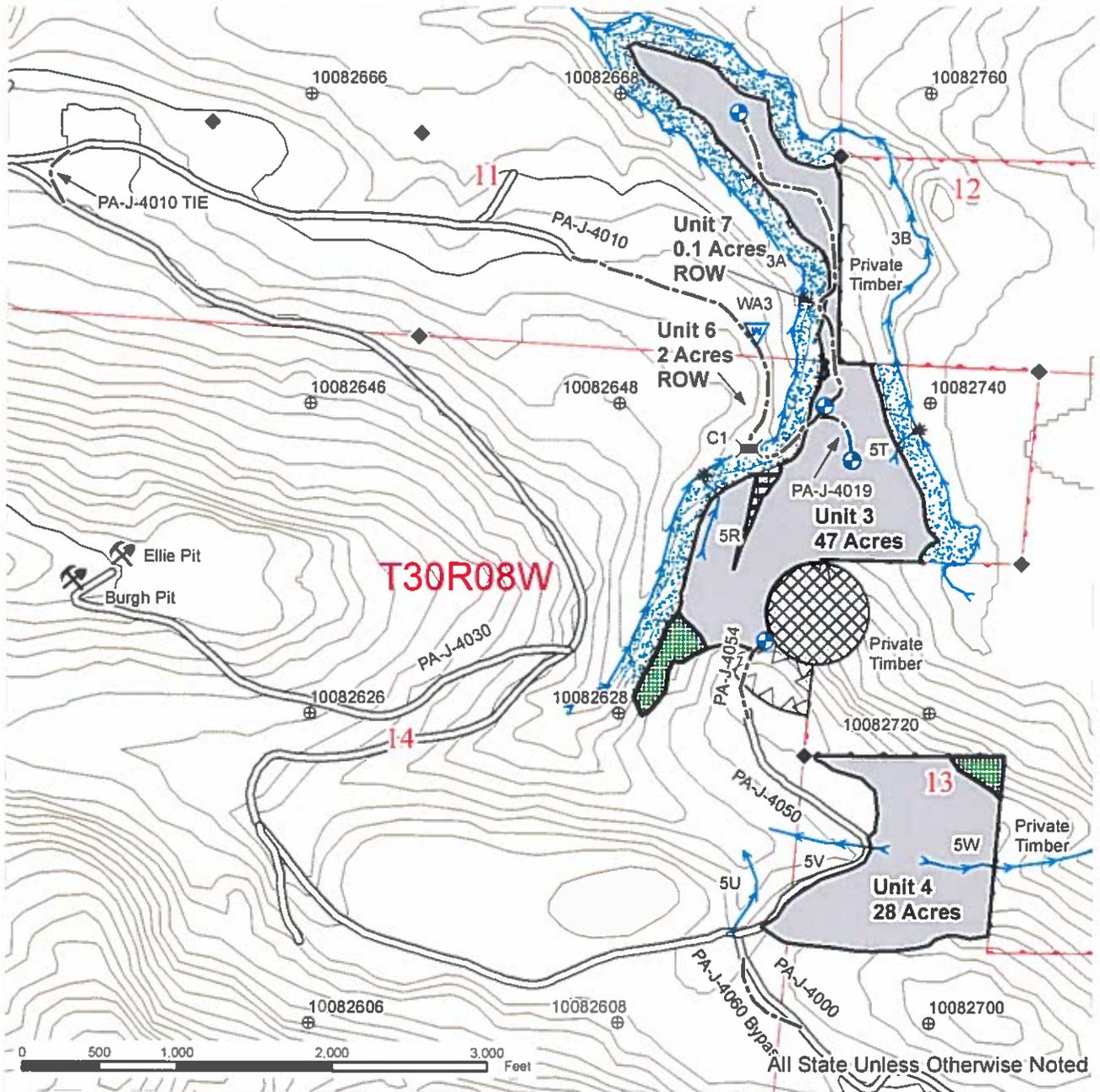
Sale Area	Rock Source	Stream Type
Non-Tradable Leave Tree Area	Waste Area	Stream Type Break
Riparian Management Zone	Proposed Landing	Crossing Identifier
Eagle Timing Restriction	Bridge	Waste Area Identifier
No Activity Eagle Buffer	Existing Roads	Tics - 2000' Interval
Yarding Corridor Approval Area	Construction	Survey Monument
Equipment Staging Limitation Zone	Streams	Contours 40-foot



FOREST PRACTICES ACTIVITY MAP

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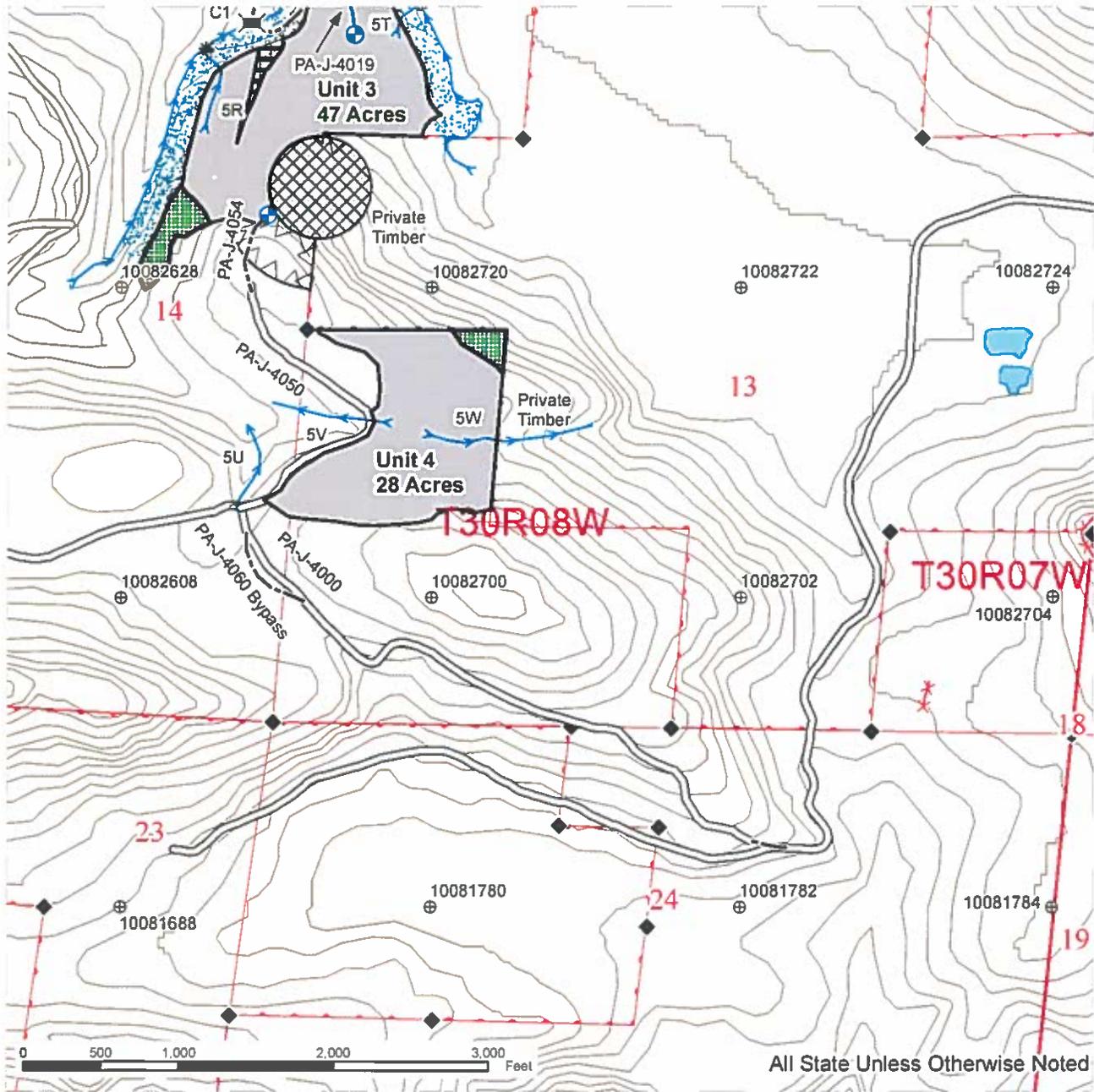
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FOREST PRACTICES ACTIVITY MAP

SALE NAME: SALTY VIEW
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COUNTY(S): Clallam
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Sale Area	Rock Source	Stream Type
Non-Tradable Leave Tree Area	Waste Area	Stream Type Break
Riparian Management Zone	Proposed Landing	C 1 Crossing Identifier
Eagle Timing Restriction	Bridge	WA1 Waste Area Identifier
No Activity Eagle Buffer	Existing Roads	Tics - 2000' Interval
Yarding Corridor Approval Area	Construction	Survey Monument
Equipment Staging Limitation Zone	Streams	Contours 40-foot

