

SEPA ENVIRONMENTAL CHECKLIST

*Please see attached
Summary of Comments
8/12/2020* *CD*

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS \(part D\)](#). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background

1. Name of proposed project, if applicable:
1400 Front
2. Name of applicant:
Pacific West Timber (WA), LLC
3. Address and phone number of applicant and contact person:
C/O Campbell Global
P.O. Box 1290
Port Angeles, WA 98362
ATTN: Dallas Huggins
4. Date checklist prepared: **July 28, 2020**
5. Agency requesting checklist: **Department of Natural Resources (DNR)**

6. Proposed timing or schedule (including phasing, if applicable): **Unknown at this time**

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

Site will be reforested after the completion of harvest per WA Forest practices and roads/culverts will be reviewed to adhere to WA Forest practices BMP's.

Please see attached Summary of Comments 8/12/2020 CD

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Geotechnical Assessment Report for harvesting on/or adjacent to unstable slopes. This is available through FPARS under the FPA number.

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.

No

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

An approved Forest Practice Application/Notification (FPA/N) from WA DNR.

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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.)

The proposal is a harvest of approximately 756 MBF of standing timber on 21.6 acres. It will require reconstruction of two landings on the 1400 Road and the maintenance of existing gravel roads to facilitate timber harvest operations.

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12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The proposal is located within portion of Section 10, Township 32 North, Range 14 West, W.M. Located in Clallam County, Washington. Refer to attached Vicinity Map.

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B. Environmental Elements

1. Earth

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, rolling, flat
other _____

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

120%

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- 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.

Majority of the soils in the harvest units are mapped as Palix loam with a small portion mapped as Ozette-Andeptic Udorthents complex.

(E. Steven Toth, Geotechnical Assessment of the 1400 Front Harvest Unit)

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

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Yes, the harvest proposal is located on a bedrock deep-seated landslide and it's associated groundwater recharge area. Portions of the harvest are located on active areas of the deep-seated landslide.

- 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.

Reconstruction of two landings on the 1400 road is required to harvest this timber sale. This will require using 150 yards of native rock to fill the existing landing areas.

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

“The proposed timber harvest on the deep-seated landslide and its associated groundwater recharge area could potentially increase annual groundwater recharge approximately 12 percent relative to fully forested conditions. The predicted increase in groundwater recharge is likely within the range of natural climatic variability and is unlikely to cause significant changes in the rate of slope movement. The change in annual groundwater recharge following logging will also be a temporary increase that should diminish over time as new tree growth reaches hydrological maturity in about 25 years. Finally, historical forest practices essentially clear-cut all of the trees on the landslide and groundwater recharge area without causing noticeable changes in landslide movement, such as increased mass wasting at the toe of the deep-seated landslide or other impacts to Radio Creek. Given the proposed riparian buffer along the toe of the deep-seated landslide and the more localized nature of the slope movement in the lower body of the landslide, the predicted increase in groundwater recharge has a low likelihood of significantly increasing the rate of the deep-seated landslide movement.

The proposed timber harvest in the 1400 Front harvest unit is unlikely to increase the delivery of sediment or debris to public resources or to threaten public safety due to the slow-moving nature of the deep-seated landslide and the lack of evidence for an expanding footprint of landslide deposits. The harvest of trees within the deep-seated landslide may slightly increase the annual groundwater input for a period of time, but the magnitude of change is unlikely to be sufficient to cause measureable increase in the rate of slope movement or cause sudden increases in the delivery of sediment or debris from the landslide. All of the trees along the inner gorge terrain of Creek 1 are also being retained to provide root reinforcement to the slopes and minimize the potential for sediment delivery from shallow landslides. The proposed forest practices are located in a sparsely populated area that does not receive any significant public use and poses no threat to public safety.”

(E. Steven Toth, Geotechnical Assessment of the 1400 Front Harvest Unit)

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

0.05%, the only impervious surface on site is the existing roads that were constructed with native gravel and the reconstruction of two landings (1400 Rd.).

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Landowner has an approved Road Maintenance and abandonment plan (RMAP)

“Any possible mitigation for the identified hazard and risks:

An expanded riparian buffer of approximately 400 to 600 feet is being retained along the toe of the deep-seated landslide to mitigate for potential changes in groundwater following the proposed timber harvest. No additional mitigation measures are being proposed because of the low likelihood for increasing the rate of slope movement, impacting public resources, or threatening public safety.”

(E. Steven Toth, Geotechnical Assessment of the 1400 Front Harvest Unit)

Logging of steep slopes within these harvest units must employ best management practices to minimize the potential for soil erosion or mass wasting.

For the expansion of landings, soil should not be placed on slopes in excess of 60 percent gradient.

Fill and waste material should not be perched on logs or other organic debris at the edge of the road or landing.

Sufficient suspension should be achieved during yarding operations to minimize soil disturbance, and slash should be used to cover any exposed rutted areas.

At the conclusion of timber harvest activities, logging debris and slash should not be left perched on slopes exceeding 60 percent at the edge of the landing.

“Logging debris and slash may need to be pulled back or burned after harvest.”

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.

Insignificant amounts of engine exhaust from harvesting equipment and dust from the passage of log trucks.

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:

Equipment used will be equipped with emissions systems that meet current standards.

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.

This proposal contains tributaries to a named stream, “Radio Creek”, that flows into the Sekiu River:

Type “Np” = Ck 1
Type “Ns” = Ck 1, 1a, 1b, 1c, 1d, 2, 2a, 2b, 3, 4

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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.

Yes, Cable logging will occur only over the type "Ns" streams located within the harvest boundaries. Work will occur adjacent to all other streams labeled on the FPA/N exhibit map. Suspending cables may occur over type "F" and "Np" streams.

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.

No

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

No

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.

No

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

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.

None

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.

Storm water will be routed to the forest floor through cross drains etc.

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

No

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

No.

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

RMAP - Cross drains, energy dissipators, waterbars, and silt traps.

4. **Plants**

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

- deciduous tree: **alder, maple, other**
 evergreen tree: **fir, spruce, hemlock, cedar, other**
 shrubs
 grass
 pasture
 crop or grain
 Orchards, vineyards or other permanent crops.
 wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
 water plants: water lily, eelgrass, milfoil, other
 other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

756 MBF of Commercial Timber.

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- c. List threatened and endangered species known to be on or near the site.

None Known

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- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

None

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

N/A

5. **Animals**

- a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Examples include:

birds: **hawk, heron, eagle, songbirds**, other: **Grouse**
 mammals: **deer, bear, elk**, beaver, other: **Cougar, Bobcat**
 fish: bass, **salmon, trout**, herring, shellfish, other _____

- b. List any threatened and endangered species known to be on or near the site.

None Known.

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c. Is the site part of a migration route? If so, explain.

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The proposal is within the Pacific Flyway, but no impacts are anticipated as a result of this proposal.

d. Proposed measures to preserve or enhance wildlife, if any:

The WA forest practices act serve to protect wildlife.

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 products for the equipment

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.

Petroleum products for the equipment and if a spill is detected WA-ECY will be contacted.

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

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.

None

4) Describe special emergency services that might be required.

None

5) Proposed measures to reduce or control environmental health hazards, if any:

None

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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.

Logging equipment operating @ less than 85 dba during daylight hours

- 3) Proposed measures to reduce or control noise impacts, if any:

The equipment being used meets the current emissions standards

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.

Commercial Forestland

- 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?

Working Forestlands, no portion associated with this proposal will be converted to any other use.

- 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?

N/A

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

Designated Forestland

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

Designated Forestland

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

N/A

- 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:

None

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

None. This proposal is consistent with existing land use

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

None. This proposal is consistent with existing land use

9. *Housing*

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

None

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

None

b. Proposed measures to reduce or control housing impacts, if any:

N/A

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?

N/A

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

N/A

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

Harvest area will be reforested per WA forest practices

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?

None

d. 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?

Hunting, berry picking

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

No, it will increase the opportunities

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

The proposal will enhance the opportunities

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

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b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

No – In reference to the DAHP register.

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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.

Local knowledge of the area

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.

In the event unknown resources are discovered activities will halt, DAHP as well as the affected tribe will be contacted.

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14. Transportation

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The site can be accessed via HWY 112 and private forest roads

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?

N/A

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

N/A

- 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).

Standard maintenance of existing gravel haul roads to facilitate timber harvest operations. As well as, reconstruction of two existing landings.

- 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 nonpassenger vehicles). What data or transportation models were used to make these estimates?

None

- 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. Circle utilities currently available at the site:

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

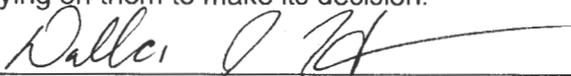
None

- e. 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 **Dallas J. Huggins**

Position and Agency/Organization **Forester, Campbell Global, LLC**

Date Submitted: **August 3, 2020**



Summary of Comments

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

CD

A. Background

6. FPA permit is valid for three years and can be renewed for another three years.
8. The Assessment of a Deep-Seated Landslide in the 1400 Front Harvest Unit is available on FPARS with FPA/N 2616615. A Marbled Murrelet Assessment is on file with Olympic Region Forest Practices.
10. FPA/N 2616615 and the associated Assessment of a Deep-Seated Landslide in the 1400 Front Harvest Unit are available for viewing in FPARS.
11. FPA/N 2616615 indicates approximately 21.6 acres of even-aged and salvage harvest with an estimated 756 MBF of timber removed using shovel, Full/LES Cable, and helicopter harvesting methods in one harvest unit. Road construction totaling approximately 150 ft is included in this proposal.
12. The location of this proposal is confirmed as Section 10 in Township 32 North, Range 14 West in Clallam County, per Question 7 of FPA/N 2616615.

B. Environmental Elements

Earth

- 1.b. The steepest slope is confirmed via Question 19 of FPA/N 2616615.
- 1.d. The FPA/N, Slope Stability Informational Form, Assessment of a Deep-Seated Landslide in the 1400 Front Harvest Unit indicates that inner gorges, bedrock hollows, and an active deep-seated landslide and associated recharge area are found in and around the harvest unit.

Water

- 3.a.1. FPA/N 2616615 indicates multiple N streams in the vicinity of the harvest units and road construction. Suspending cables may occur over F and Np streams.
- 3.a.2. FPA/N 2616615 indicates cable logging will occur over type F, Np, and Ns streams. Cable yarding and felling and bucking may occur over Ns streams.

Plants

- 4.b. FPA/N 2616615 indicates approximately 756 MBF of timber will be harvested.
- 4.c. FPRAM check indicates no potential conflicts with T&E plant species.

Animals

- 5.b. FPRAM check indicates no potential conflicts with T&E animal species. Additional MM information was provided.
- 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 confirms no conflict with cultural historical sites or resources.
- 13.b. FPRAM check confirms no conflict with archaeological or cultural sites or resources.
- 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 8/12/2020

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