

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.

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 [\[HELP\]](#)

1. Name of proposed project, if applicable: **Homeboy Unit**
2. Name of applicant: **Green Crow Corporation**

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

Reed Wendel
727 E 8th Street
Port Angeles, WA 98362
(360) 912-2214

4. Date checklist prepared:

8/19/2020

5. Agency requesting checklist:

Department of Natural Resources

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

Please see Summary of Comments
8/24/2020 CD

Within the next 6 years.

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

No

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

Please see Summary of Comments
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Geo Tech Letter and Forest Practice Application

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 for area directly affected by FPA

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

Forest Practice Application

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.)

Please see Summary of Comments
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Timber harvest.

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 project is in the N ½ of the SE ¼ of Sec. 10 T29N R5W W.M. and in the NW¼ of the SW ¼ of Sec. 11 T29N R5W W.M.

Please see Summary of Comments 8/24/2020 CD

B. Environmental Elements [HELP]

1. **Earth** [help]

a. General description of the site:

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

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

Please see Summary of Comments 8/24/2020 CD

90%

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.

Neilton Loamy Sand and Neilton Sandy Loam

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

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Yes. The proposal is for harvest on a groundwater recharge area of a glacial 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.

Not applicable: No filling, excavation or grading

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

Not applicable: Timber harvest only, no clearing or construction.

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

zero

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

Harvest is excluded from landslide and nearby inner gorges.

2. **Air** [\[help\]](#)

- 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.

Diesel exhaust from logging equipment. Unknown quantities.

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

no

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

none

3. **Water** [\[help\]](#)

- a. Surface Water: [\[help\]](#)

- 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.

Multiple seasonal streams and two fish-bearing tributaries of Siebert's Creek

- 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, logs will be felled, bucked, and removed across seasonal streams within the unit and within 200' of perennial 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: [\[help\]](#)

- 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.

**Timber harvest only, no impervious surface construction or clearing/grading.
Water will flow along natural gradient.**

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

No waste materials

- 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:

Cross-drains and ditches have been constructed to direct surface water and sediment away from haul road to forest floor.

4. Plants [\[help\]](#)

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

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

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

**Please see Summary of Comments*
8/24/2020 CD*

**Trees of all species will be removed and altered into lumber and paper products.
Vegetation on the ground will be crushed by falling trees and logging equipment.**

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

**Please see Summary of Comments*
8/24/2020 CD*

None known

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

After harvest the unit will be replanted with native coniferous trees.

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

None known.

5. **Animals** [\[help\]](#)

- 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:

mammals: deer, bear, elk, beaver, other:

fish: bass, salmon, trout, herring, shellfish, other _____

Birds: Songbirds, woodpeckers, hummighbirds, jays, crows

Mammals: Deer, bear, elk, cougar, squirrels, mountain beaver, other rodents, coyote.

Fish: Cutthroat trout in fish stream.

Reptiles: Garter snakes

Amphibians: frogs, toads, and newts

Arachnids: Spiders

Insects: Mosquitos, ground beetles, bark beetles, Bald face hornets, yellow jackets, bumblebees, black flies, crane flies, ants.

Mollusks: Banana slugs

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

None known.

**Please see Summary of Comments*
8/24/2020 CD*

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

None known

**Please see Summary of Comments*
8/24/2020 CD*

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

This proposal exceeds the required leave trees for wildlife for a timber harvest in Washington.

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

None known

6. **Energy and Natural Resources** [\[help\]](#)

- 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.

This project will use diesel and unleaded gasoline during the timber harvest in order to manufacture logs.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

Yes, this project will increase the potential for solar energy generation for neighbors by removing removing shade trees from Green Crow lands. However, this is not a long term benefit as planted trees will eventually shade neighbors again.

- 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 [\[help\]](#)

- 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.

There is a risk of spill and fire from standard fuels and fluids associated with logging equipment and their operation.

- 1) Describe any known or possible contamination at the site from present or past uses.

None

- 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.

Diesel fuel, 2-cycle gasoline, bar oil, and hydraulic fluid will be used as part of the daily logging operation.

- 4) Describe special emergency services that might be required.

In the event of a spill, contaminated material and waste will be cleaned-up as per MSDS guidelines. 1-800-SPILL-911 will be called in the event of a spill.

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

None

**Please see Summary of Comments*
8/24/2020 CD*

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.

This logging operation will generate noise associated with large diesel equipment, chainsaws, and log trucks on a short-term basis. No long term noise.

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

None

8. Land and Shoreline Use [\[help\]](#)

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.

All adjacent lands are public and private working forest lands.

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?

Yes, this project is is working forest and this project is a timber harvest.

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 effect to normal working forest operations.

c. Describe any structures on the site.

No structures

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

No

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

Zoned Commercial Forest

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

Forest Land, Port Angeles Region

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

None

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

Yes, the area of the timber harvest has been designated as a geohazard – landslide hazard area

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

No planned residences.

After harvest, individual field foresters and crews of tree planters or other silvicultural workers will sporadically work at the project site until the next timber harvest. The occasional compliance monitor and wildlife biologist might work for part of a day on certain days in certain years.

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

zero

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

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

Through the proposed timber harvest, this project will be the manifestation of long-term forestland commercial significance.

9. Housing [\[help\]](#)

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

zero

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

zero

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

none

10. Aesthetics [\[help\]](#)

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

No structures

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

Possible ocean view after timber harvest for landowner.

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

none

11. Light and Glare [\[help\]](#)

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

Headlights from log trucks and equipment in early morning hours. Possible glare from mirrors and windows of equipment.

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

Headlights will enhance safety for drivers and other vehicle drivers. Glare will be minimal. Lights will not interfere with views.

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 [\[help\]](#)

a. What designated and informal recreational opportunities are in the immediate vicinity?

Non-motorized recreation is allowed on Green Crow lands.

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

Yes, during logging operations, recreational use will be displaced within the timber harvest and on the haul road

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

None

13. Historic and cultural preservation [\[help\]](#)

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.

**Please see Summary of Comments* 8/24/2020 CD*

No

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

**Please see Summary of Comments* 8/24/2020 CD*

No

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

Area of timber harvest was walked and reviewed by a field forester.

- 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.

*Please see Summary of
Comments* 8/24/2020 CD

In the event of discovery all activity will be stopped and DAHP will be contacted.

14. Transportation [\[help\]](#)

- 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.

No public streets to site. Deer Park Road will serve as log haul route.

- 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

- 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).

No

- 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.

This project will increase the movement of forest products in the area by generating logs for logging trucks to move on roads or streets in the area.

h. Proposed measures to reduce or control transportation impacts, if any:

None

15. Public Services [\[help\]](#)

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 [\[help\]](#)

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
other _____

None

c. 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 [\[HELP\]](#)

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: Reed Wendel

Name of signee Reed Wendel

Position and Agency/Organization Forester, Green Crow

Date Submitted: 8-19-2020

D. Supplemental sheet for nonproject actions [\[HELP\]](#)

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.



Summary of Comments

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

CD

A. Background

6. Approved FPA/Ns are valid for three years and can be renewed for another three years.
8. Slope Stability Assessment for the Homeboy Harvest Unit near Port Angeles, Washington is available on FPARS with FPA/N 2616651. Marbled Murrelet Manage Buffer Areas Summary is included with the FPA/N.
10. FPA/N 2616651 and associated Slope Stability Assessment are available for viewing in FPARS.
11. FPA/N 2616651 indicates approximately 63 acres of even-aged harvest in two harvest units with an estimated 1,120 MBF of timber being removed using shovel and cable methods.
12. The location of this proposal is confirmed as Sections 10, 11 in Township 29N, Range 5 West in Clallam County, per Question 7 of FPA/N 2616651. Associated Clallam County parcels include: 052910420000, 052910410000, and 052911300000.

B. Environmental Elements

Earth

- 1.b. The steepest slope for FPA/N 2616351 is outlined in the Slope Stability Assessment.
- 1.d. The FPA/N, Slope Stability Informational Form, and Slope Stability Assessment indicate that inner gorges, convergent headwalls, groundwater recharge areas for glacial deep-seated landslides, and toes of deep-seated landslides with slopes greater than or equal to 65% are found in and around the proposal.

Water

- 3.a.1. FPA/N 2616651 indicates multiple F and N streams, both within and adjacent to the proposal. Two forested wetlands are also identified in the FPA/N.

Plants

- 4.b. FPA/N 2616651 indicates approximately 1,120 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 the proposal is within a MM detection area and is within a MM 1.5 mile occupied buffer. Marbled Murrelet Manage Buffer Areas Summary is included with the FPA/N.
- 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 an unknown historical/archaeological resources are encountered, ground-disturbing activities must be halted and DAHP & local tribes contacted.

Chelsea Drum 8/24/2020

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