2413776

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

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.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

Ames Lake East Harvest, Unit 1

2. Name of applicant: Green Crow Corporation
3. Address and phone number of applicant and contact person:

Ben MacColl, PO Box 6, Everett, WA 98206
360-863-1331

4. Date checklist prepared: 1/12/2010
5. Agency requesting checklist: DNR
6. Proposed timing or schedule (including phasing, if applicable): Dry months: Feb 2010 – Feb 2012 with possibity of need for extension if unit has not been harvested by the end of the initial FPA 2-year window.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. Yes, plans are in place to replant harvest site and manage perpetually according to the rules of Best Management Practices.

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

A GeoTechnical Report has been prepared by State certified engineering geologist, George Bennett (license #550), a qualified expert on the DNR forest practices call list.

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.

A state DNR Forest Practices Application/Notification, along with this SEPA checklist.

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.)

Clearcut harvest of approx. 30 acres of private forest land. Timber will be sold to local mills and/or exported for maximum profit. Post-harvest, the area will be replanted and allowed to grow to maturity.

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.

Site is located in the NorthEast quarter of the NorthEast quarter of Section 20, Township 25 North, Range 7 East, Willamette Meridian, King County, WA; adjacent to Tolt-McDonald Park of the town of Carnation, WA.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

Tolt McDonald Park is King Co. Park. JS

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

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)?

Over 70%

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

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 prime farmland. Glacial sediment including: Vashon age lacustrine (lake) sediments (Qvl), Vashon advance outwash (Qva), Vashon lodgement till (Qvt), Vashon recessional outwash (Qvr), and nonglacial stream alluvium (Qal).

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. Yes, directly east of the harvest unit boundary is a landslide that is both historical and recent

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

No filling or grading is proposed

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

Yes, however all precautions and buffers are in place to prevent any erosion beyond the already natural occurences.

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:

25-foot buffer along top of scarp, tapering as the hill slopes downward to the south. Deep tank-trap like waterbars to divert water off top of ridge

a. **Air**

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Typical emissions generated from trucks and other equipment utilized throughout the duration of the project/harvest activity

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:

None

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

3. **Water**

a. Surface:

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.
Yes, an F/Np stream (Stream A), a forested wetland (Wetland 1), another Ns stream (Stream C), the Snoqualmie River, and the Tolt River. Stream A flows into the Snoqualmie

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, the Ns stream (Stream C) which requires no buffer, but will have a small buffer due to a small inner gorge region (steep, incised slope). Please refer to the included FPA/N for clarification

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:

1) Will ground water be withdrawn, or will water be discharged to ground water? 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.

None, storm water will be absorbed into the ground and near-by streams and drainages

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

Yes, potential for accidental oil spill from logging equipment. Loggers carry necessary materials for clean-up of such an accident as per Best Management Practices rules.

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

A series of tank-trap waterbars will be placed along ridge-top foot path in order to divert water away from existing scarp. Please refer to GeoTech report and FPA/N for further explanation

4. **Plants**

a. Check or circle types of vegetation found on the site:

✓ deciduous tree: alder, maple, aspen, other
✓ evergreen tree: fir, cedar, pine, other
✓ shrubs
✓ grass
____ pasture
____ crop or grain
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____ water plants: water lily, eelgrass, milfoil, other
✓ other types of vegetation: ferns

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

Mature trees of all types. Shrubs and other ground ~~vegetation~~ vegetation will likely be trampled where ground-based logging takes place

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

None

NONE FOUND ON DNR database. JS

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

None, no landscaping is proposed

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, (songbirds), other:
mammals: (deer), bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other:

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

Bald Eagles upstream on the Snoqualmie River, but not close to this site.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

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

No

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

Required stream and cliff buffers to prevent erosion resulting in sediment delivery

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.

Gasoline and Diesel fuel will be used to run harvesting equipment and trucks.

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. Yes, potential risk of fire or oil spill from machinery

1) Describe special emergency services that might be required.

EMS

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

Loggers are required to have a water tank truck during fire season; they are also required to carry oil spill containment kits.

b. **Noise**

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

Normal sounds associated with logging equipment and machinery

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.

The noises described in the answer to the question above between the approximate hours of 7am and 5pm, Monday through Friday for the duration of the logging activities.

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?

Current use of site is commercial forest land. Adjacent properties include a county park and a private residence.

b. Has the site been used for agriculture? If so, describe.

Yes, Forestry

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?

Comercial 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?

N/A

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

Yes, please refer to "Area 3" in the GeoTech Report.

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

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

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

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

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?

N/A

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

The view of the site from anywhere will be altered as it will be a clearcut

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

25 foot treed buffer on top of scarp as proposed in Geotech Report

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?

Informal mountainbiking and Horseback riding

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

Yes, some trails will be blocked or destroyed

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: A representative from the local mountainbiking community will contacted, as well as local housing residents. Signs informing the public of harvest activities will also be posted.

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None Known

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

None

14. **Transportation**

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

Ames Lake Drive NE; NE 40th St; NE Ames Lake Rd; Ames Lk-Carnation Rd
Access to the site is already existing off of Ames Lake Dr. NE

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

~~Not relevant~~
N/A

c. How many parking spaces would the completed project have? How many would the project eliminate?

None, this is a timber harvest on commercial forest land that has a conservation easement on it

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). Yes, existing roads will be regraded with updated drainage culverts installed. New roads will be temporary and decommissioned post harvest according to best management practices rules

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

e. Will the project 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? If known, indicate when peak volumes would occur.

None

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

None

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, 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

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: Ben MacCall

Date Submitted: 1/14/2010