



State Environmental Policy Act (SEPA) Environmental Checklist

As part of its evaluation of development proposals in unincorporated King County, the Department of Local Services, Permitting Division (Permitting) uses the most current version of the Washington State Department of Ecology’s SEPA Environmental Checklist, along with a County-developed Greenhouse Gas Emission Worksheet. Both the SEPA Environmental Checklist and the Greenhouse Gas Emission Worksheet must be submitted for all development permits and land use actions that are not categorically exempt from SEPA environmental review.

The current SEPA Environmental Checklist can be found on the [Washington State DOE web site](#).

[King County SEPA Greenhouse Gas Emissions Worksheet](#)

To determine if your project is subject to SEPA Environmental Review or categorically exempt, please contact the Permitting at 206-296-6600 or email, DPERwebinquiries@kingcounty.gov .

References

- King County Environmental Procedures ([King County Code](#) Section 20.44)
- [Department of Local Services, Permitting Division – Info Sheets and Reports](#)
 - Greenhouse Gas Emissions Worksheet
 - Subdivisions
 - Critical Area Alterations
 - Grading Permits
 - Shoreline Permits
 - Commercial Building Permits

[King County Green Building Handbook](#)



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: Dustin Chambers Clearing and Grading Permit.
2. Name of applicant: Dustin Chambers
3. Address and phone number of applicant and contact person:

Dustin Chambers
5821 200th St. SW, #130, Lynwood 98036
206-399-4545

4. Date checklist prepared: 10/28/2021
5. Agency requesting checklist: King County
6. Proposed timing or schedule (including phasing, if applicable):
Installation of gravel access as soon as permitting is issued.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Yes, the gravel access road will provide access for future construction of two residential buildings.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
No current information completed. Potential need for geotechnical/wetland reports.
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.
This checklist is prepared in accordance with a pending clearing and grading permit.
10. List any government approvals or permits that will be needed for your proposal, if known.
Clearing and grading permit.
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.)
Construction of an gravel access roadway for clearing and grading for a future building site.
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.
9702 Upper Preston Road SE, Issaquah, WA 98027. Qrt/S/T/R: NE-4-23-7

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)?

45%

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.

Per USDA NRCS Soil Report the site is primarily Winston loam 8 to 30 % slopes. Parent Material is Volcanic ash and glacial outwash.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. None known, however the site has steep slopes and wetlands onsite.
- 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.
A total of 800 cubic yards of fill is proposed. This fill is primarily for the construction of the roadway. Home site is on the flat portion of the site.
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Yes portions of the steep slopes along the northwest existing access road could face erosion.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
Approximately 10% impervious coverage as gravel road/laydown with portions to be replaced with future impervious (roof, driveway etc.)
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Construction activities will not encroach on critical area setbacks and will implement construction BMP's to mitigate potential erosion impacts.

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.

Emissions will be minimal and restricted to those generated by construction activities and residential vehicles.

- 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 proposed.

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.

Yes, a seasonal stream runs from the north to the southwest to drain into a mapped wetland in the northwestern portion of the site.

- 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, portions of an existing access road exists near the wetland. The proposed access road extension will cross the seasonal stream and will require the placement of a culvert.

- 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.

No fill or dredging proposed.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No withdrawals or diversions are proposed.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
No, per FEMA panel 53033C0718H flood plane areas are mapped on the south/western side of Upper Preston Road and out of the project area.

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 waste discharges to surface waters are proposed.

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.

Yes a well is proposed for residential water service. Withdrawal rates will be typical for two equivalent residential units. No discharges to groundwater are proposed. Soil conditions for stormwater infiltration are not feasible.

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.

Future construction may include the construction of a septic system. Septic waste material would be restricted to two equivalent residential units.

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.

Stormwater runoff will disperse from the access road over the large amount of retained natural vegetation.

2) Could waste materials enter ground or surface waters? If so, generally describe. Stormwater runoff will disperse from the access road over the large amount of retained natural vegetation.

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

No, the installation of culvert and dispersion and will maintain natural flow patterns.

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

The project will implement construction BMPs to mitigate stormwater runoff and erosion impacts.

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

a. Check the 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
- 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?

43,500 of vegetation will be removed for the construction of an access road and future building area. Vegetation removed will be trees and shrubs. Wetland species will remain.

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

None known.

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

None proposed for clearing and grading activities.

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.

Typical Western Washington animals and wetland species.

Examples include:

birds: hawk, heron, eagle, songbirds, other:

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

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

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

None known.

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

None known.

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

None proposed.

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.

None proposed for clearing and grading, future construction will be compliant with Washington State/King County building codes.

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

No, the site will be isolated for neighboring homes.

- 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 proposed for clearing and grading, future construction will be compliant with Washington State/King County building codes.

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.

- 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.

Fuel and lubricants for construction equipment and typical residential contaminants following home construction.

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

Future construction will include two residential homes. Typical residential EMS services required.

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

None proposed.

b. *Noise*

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

- 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 site is adjacent to I-90 with typical Interstate traffic noise.

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

None proposed.

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.

The current site is undeveloped with a rough graded access road. A single family home is to the southeast on a large rural lot. A mobile home park is north west of the property on the northwest side of the Upper Preston Road SE.

- 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?

The project area is not agricultural or forest land.

- 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 impacts to working farm or forest land will occur.

- c. Describe any structures on the site.

No structures are onsite.

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

No structures will be demolished.

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

Zoning for the site is RA5, Rural Area, one dwelling unit per 5 acres.

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

King County Open Space System.

- 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.

Yes, portions of the site is mapped with steep slopes and wetlands with associated buffers.

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

Final building construction will be two residential units, so approximately 8 to 10 people.

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

None.

- k. Proposed measures to avoid or reduce displacement impacts, if any:

None proposed.

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

The project will be compliant with King County zoning standards.

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

None proposed.

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

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

Two high income residential units.

- 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 proposed.

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?

Final building construction will likely be no more than 35 feet.

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

None.

- 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?

No light or glare during construction. Minimal residential lighting generate due to the amount of retained vegetation around the proposed home site.

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

None.

- c. What existing off-site sources of light or glare may affect your proposal?

I-90 is adjacent to the site but natural forest screening will reduce glares.

- d. Proposed measures to reduce or control light and glare impacts, if any:

Retention of natural vegetation and screening.

12. Recreation [\[help\]](#)

- a. What designated and informal recreational opportunities are in the immediate vicinity?
No formal recreation activities in the vicinity. The site is located near Tiger and Rattlesnake Mountains with ample outdoor recreational activities (hiking, biking, etc.).
- b. Would the proposed project displace any existing recreational uses? If so, describe.
No.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
None proposed.

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.
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.
None known.
- 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.
None known.
- 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.
None proposed.

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.
The site is accessed from Upper Preston 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, the site is rural.
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

Additional 4 or more parking spots. None eliminated.

- 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, the site is rural and the increase in vehicles to the roadway is minimal.

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

Access to the project will be via Upper Preston Road and incoming traffic from I-90.

- 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?

Approximately four vehicle trips per day. Two per residence during peak morning and evening comminuting hours.

- 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 proposed.

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.

Yes, increase in fire, police, health care and schools by approximately 10 persons.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

None proposed.

16. Utilities [\[help\]](#)

- a. Circle utilities currently available at the site:

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

The current site is undeveloped.

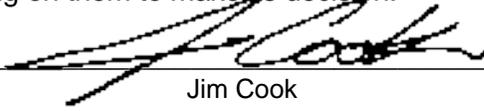
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

A well is proposed for the future residences. Septic will be provided for sewer. Electricity and telecom is available along Upper Preston Road and will need a service connection brought on site.

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: _____



Name of signee _____

Jim Cook

Position and Agency/Organization Civil Engineer Director/Beyler Consulting

Date Submitted: 10/28/21

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.