

CRITICAL AREAS REPORT: GEO HAZARD

WHAT IS THE PURPOSE OF THIS WORKSHEET?

This worksheet is to help prospective applicants prepare the required documentation needed to submit a complete application. Please note that this is not the official application, but a tool to assist in the compilation of the materials required for the review by the City. It is important that prospective applicants contact the Planning and Building Division prior to submitting an application as some projects may not require the submittal of all the materials listed or may require additional materials not listed. In order to help work out any potential problems before the formal submittal, the City of Bonney Lake encourages applicants to attend a pre-application meeting.

FOR CITY USE	
	<input type="checkbox"/> Application: Provided one (1) copy of the Land Use Application.
	<input type="checkbox"/> Fee: \$500
	<input type="checkbox"/> CD: One (1) CD that contains PDF versions of required submittal materials that is MS Windows compatible. All sheets shall be oriented so that the top of the page is always at the top of the computer monitor. Name and bookmark each chapter of the report in a way so the reviewer can quickly move from chapter to chapter. <u>Emails and thumb drives will not be accepted.</u>
	<input type="checkbox"/> Critical Areas Report: Provided one (1) copy containing the following information: <ol style="list-style-type: none"> 1. Name and contact information of the applicant, description of the proposed development, and identification of required permits. 2. Site plan drawn to scale of no less than one inch equals 100 feet showing critical areas; buffers; property lines; existing structures; and proposed structures, clearing, grading, and stormwater management. 3. Site history regarding landslides, erosion, and prior grading. 4. Topography in suitable contour intervals. 5. Height of slope, slope gradient, slope stability, and slope retreat rate recognizing potential catastrophic events. 6. Description of the geology (including faults), hydrology (including springs, seeps, and surface runoff features), soils (including, in seismic hazard areas, thickness of unconsolidated deposits and liquefaction potential), and vegetation. 7. Type, extent, and severity of geologic hazard(s). 8. Analysis of the proposal's risk from geologic hazard and the proposal's potential for exacerbating off-site hazards. Calculations of stability and bearing capacity shall explicitly assume a seismic event consistent with local geo-technical practice. 9. Description of efforts to avoid, minimize, and mitigate impacts to critical areas consistent with the requirements of BLMC 16.20.130(E). 10. Evaluation of compliance with the requirements of BLMC 16.28.050.

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	<ol style="list-style-type: none">11. Recommended buffers and other conditions of approval. In areas of erosion or landslide hazard, the recommendations should may include:<ol style="list-style-type: none">a. Clearing, fill, and hard-surfacing limits, slope stabilization measures, and vegetation management plan.b. Limitation on clearing during the rainy season, generally from October 1st to May 1st.c. Design parameters of foundations and retaining structures.d. Drainage and sediment control plan.12. Documentation of who prepared the report to include an overview of field investigations, exploration logs, measurements, references, and past assessments of the site.13. Statement specifying the accuracy of the report and assumptions relied upon.14. Statement of qualifications consistent with BLMC 16.20.090.A
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