

Geotechnical Assessment – Engineer’s checklist

PC #: _____

Address: _____

Parcel #: _____

This checklist must be filled out by the qualified expert and submitted with the geotechnical assessment/report. No assessments/reports will be accepted over the counter without this sheet completed, signed, and stamped by the engineer of record.

Additional Notes: _____

Geotechnical Engineer(s) Signature: _____

Geotechnical Engineer(s) Stamp:

General Requirements for <u>all</u> Critical Area Assessments (CCC19.15.090(F)(2))		
Engineer's Initials	Component	Notes, Other Information
	Site Plan	<input type="checkbox"/> To scale, north arrow, and property line dimensions <input type="checkbox"/> Locations and dimensions of all existing and proposed development or alterations
	Accuracy Statement	<input type="checkbox"/> A statement specifying the accuracy of the report, and all assumptions made and relied upon
	Alternative Analysis	<input type="checkbox"/> Analysis of site development alternatives, including a no development alternative
	Mitigation Plan	<input type="checkbox"/> As needed to offset impacts <input type="checkbox"/> Mitigation standards found in CCC 19.15.170

General Requirements for Geotechnical Assessments (CCC19.15.150(I)(3) and 19.15.150(I)(4))

Engineer's Initials	Component	Notes, Other Information
	Site Plan	<ul style="list-style-type: none"> <input type="checkbox"/> Type and extent of all geologic hazards and buffers within 200 feet that are likely to impact proposal <input type="checkbox"/> Proposed development activity, including structures, drainfields, fill/grade areas; <input type="checkbox"/> Dimensions of the proposed development activity to the property lines, critical areas, landslide scarp and slide mass <input type="checkbox"/> Contour map of the site; including slopes delineated for ranges: <ul style="list-style-type: none"> ▪ 15-32% ▪ 33-79% ▪ 80% and greater <input type="checkbox"/> Location and type of surface water runoff features within 200 feet of project area
	Project Description	<ul style="list-style-type: none"> <input type="checkbox"/> Detailed description of all elements of the project under review
	Feasibility	<ul style="list-style-type: none"> <input type="checkbox"/> Feasibility of the site for the proposed development activity
	Surface and Subsurface Geology	<ul style="list-style-type: none"> <input type="checkbox"/> A description of the surface and subsurface geology, hydrology, soils, and vegetation found in the project area
	Project Relationship to Geologic Hazard(s)	<ul style="list-style-type: none"> <input type="checkbox"/> Discussion of the project and its relationship to the geologic hazards found on site, which may include the type and extent of geologic hazard areas and buffers on, adjacent to, within 200 lateral feet of, or that are likely to impact the proposal or be impacted by the proposal
	Field Investigation/Reference Information	<ul style="list-style-type: none"> <input type="checkbox"/> An overview of any field investigations, published data, and references; data and conclusions from past assessments of the site; and site-specific measurements, tests, investigations, or studies that support the identification or lack of geologically hazardous areas
	Areas of Avoidance	<ul style="list-style-type: none"> <input type="checkbox"/> If applicable, an identification of any areas of the site recommended to be avoided by any aspect of the proposed development
	Development Recommendations	<ul style="list-style-type: none"> <input type="checkbox"/> If applicable, development recommendations for the proposed activities. These recommendations should include, but are not limited to, structure and septic system setbacks from geologic hazard areas, foundation design, filling and excavation, erosion control, drainage and site preparations
	Mitigation	<ul style="list-style-type: none"> <input type="checkbox"/> If necessary, identification of mitigation measures needed to address any anticipated geologic problems
	Follow-up Studies	<ul style="list-style-type: none"> <input type="checkbox"/> Discussion regarding the need for follow-up studies that should be conducted, such as geotechnical engineering reports, additional subsurface exploration or more extensive soil reports (if necessary)
	Performance Standards Certification	<ul style="list-style-type: none"> <input type="checkbox"/> Demonstration that all applicable performance standards are met