CITY OF GRESHAM
URBAN DESIGN & PLANNING

HILLSIDE & GEOLOGIC RISK OVERLAY GEOTECHNICAL CERTIFICATION

1333 NW Eastman Parkway, Gresham, Oregon 97030
www.GreshamOregon.gov/UDP

Response to each question below must be completed or verified by a Certified Engineering Geologist or Geotechnical Engineer, and must include the Certified Engineering Geologist's or Geotechnical Engineer's State of Oregon Registration Stamp and Number in the space provided on page three. By completing or verifying, and stamping this Certification, the Certified Engineering Geologist or Geotechnical Engineer certifies that this statement represents their professional opinion regarding the geological hazards addressed below. This form addresses City of Gresham Development Code Section 5.0207(C); Hillside & Geologic Risk Overlay (HGRO) Application Submittal Requirements, Certification.

Site information	
Site street address/location	Assessor's R# (9 digits)
CIty, state, ZIP	Name of property owner
Firm information	
Name of firm preparing certification	Preparer's name
Mailing address	Phone
City, state, ZIP	Email

Required certifications

In your professional opinion, will the proposed development activity, without mitigation recommended by this Certificate, be negatively impacted by, or cause negative impacts to, on and offsite engineering geological conditions, processes, and hazards, including but not limited to, existing or potential post development soil stability problems or any of the following site conditions: springs or seeps, depth of soil to bedrock, variations in soil types, or a combination of these conditions?

- [x] Yes
- [ ] No

If yes, do the plans incorporate mitigation measures that, in your professional opinion, eliminate the negative impacts to on and offsite engineering geological conditions, processes, and hazards, including but not limited to, existing or potential post development soil stability problems or any of the following site conditions: springs or seeps, depth of soil to bedrock, variations in soil types, or a combination of these conditions?

- [ ] Yes

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Certifications for specific development scenarios

Have you reviewed all building, grading, site design, and civil plans? List the plans (with dates) at the end of this document. NOTE: Certifications based on generalized development or written instructions/methods not icorporated into plans will not be accepted.

☐ Yes

Are all grading, retaining wall design, footings, foundations, changes to site drainage, ponds, pools, and erosion control plans for development within the HGRO are in accordance with your geotechnical recommendations and guidelines?

☐ Yes

Is it your professional opinion that that any proposed projects occurring under a programmatic tree permit occurring within areas mapped as past landslides according to DOGAMI IMS-57, or within the HSS that involve vegetation removal, except for hazard tree removal, or coarse woody debris retention in proposed dimensions and location(s) will not increase geologic risk or otherwise cause negative impacts to on- and off-site geologic conditions or processes?

☐ Yes ☐ N/A

Is it your professional opinion that any proposed facilities for the collection of stormwater runoff for any development in the HGRO which infiltrate water will not negatively affect geologic conditions, processes, and hazards on and off-site?

☐ Yes ☐ N/A

Is it your professional opinion that the following are all true for Development Areas within the HSS that are part of a land division or lot line adjustment?

- These areas are not susceptible to earth movement nor landslide hazard.
- The proposed construction and design techniques minimize cuts, fills and potential adverse impacts to existing vegetation.
- The proposed construction and design will have no adverse impacts to existing drainage ways, water quality and slope stability.

☐ Yes ☐ N/A

Is it your professional opinion that the following that the following are all true for the proposed public facilities (including streets) and utilities for the development when located inside the HSS and that are under alternative review?

- These facilities can be constructed given the geologic and topographic conditions of the area of development.
- These facilities can be constructed in a manner which does not increase the risk of earth movement and erosion.

☐ Yes ☐ N/A

Is it your professional opinion that the following are all true for the proposed development alternative that are part of a development other than public facilities and utilities and that are under alternative review?

- The alternative will not increase the risk of earth movement or landslide hazard.
- The proposed construction and design techniques will minimize cuts, fills and potential adverse impacts to existing vegetation.
- The proposed construction and design technique have no adverse impacts to existing drainage ways, water quality and slope stability.

☐ Yes ☐ N/A

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General certifications

Have you have reviewed DOGAMI Interpretive Map Series 57 (IMS-57) Landslide hazard and risk study of central and western Multnomah County, Oregon, by William J. Burns, Nancy C. Calhoun, Jon J. Franczyk, Kassandra O. Lindsey, and Lina Ma, 2018 (Report and Data) for potential landslide hazards identified for this site and nearby?

☐ Yes

Is it your professional opinion that the proposed development activity was reviewed according to industry standards for geologic engineering in Oregon?

☐ Yes ☐ No

Have attached all development plans that you reviewed and relied upon in issuing this Certificate, and documentation of your professional certification(s)?

☐ Yes ☐ No

Please provide all attached documents.

Document name	**Description**

CERTIFIED GEOLOGIST OR GEOTECHNICAL ENGINEER

Print name	Seal
Signature	
Date	