

Ages Engineering, LLC

A Geotechnical & Environmental Services LLC

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October 7, 2020
Project No. A-1562

Sella Ramaiyah
7466 E. Mercer Way
Mercer Island, WA. 98040

Subject: Watercourse Evaluation
Ramaiyah Residence
7466 E. Mercer Way
Mercer Island, Washington
PN: 2579500136

Reference: Preliminary Geotechnical Report, Ramaiyah Residence, Prepared by Ages Engineering, LLC, dated July 10, 2020

Dear Ms. Ramaiyah,

As requested, we are providing additional information for the subject site. Based on our discussion with you, we understand the City of Mercer Island is considering returning the existing watercourse on the site to an overland flow. Currently, the water course flows to the approximate middle of the site where the existing building wall is located. The surface water becomes groundwater that flows around the building walls and the site retaining wall to the center of the south side of the house where it crops out onto the ground surface and is immediately collected in a catchbasin and conveyed off site. We have been requested to evaluate the plan and provide recommendations for maintaining site stability.

Based on our evaluation, it is our opinion the watercourse should not be returned to an overland flow. The potential risk for site erosion to increase and for site stability to decrease is very high. The watercourse should remain in a closed conduit across the subject site.



We trust this information is sufficient for your current needs. If you have any questions, or require additional information, please call.

Respectfully Submitted,
Ages Engineering, LLC

Bernard P. Knoll, II, P.E.
Principal
BPK/bpk



10-7-2020