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**Date:** 2/9/18                      **Project:** 7709 W. Mercer Way                      **Job No.:** 2018-031  
**Contractor:** None                      **Location:** Mercer Island, WA                      **Weather:** Clouds, 50

Observations:

At your request and authorization, Cobalt Geosciences, LLC was on site to observe completed erosion control placement over the affected portion of the slope area above the shoreline at the reference property.

We observed that the facing of a timber wall had been replaced with stacked stone. Mulch and plants have been placed in the areas and we understand that a landscape architect is involved in the overall planting design and schedule.

In general, the current stone facing is more suitable than the previous railroad tie landscaping wall. The railroad tie landscaping wall was approximately 30-40 years old, and was not an engineered structure. The railroad tie wood was badly decomposed and had been heavily treated with creosote, which should not have remained near the lake environment. In other words, there is no net negative effect on slope stability, erosion or the environment in the area of the recent work.

Given the former landscape wall was not an engineered structure to begin with and the scope of work was limited to yard maintenance to repair the decomposed wall timbers, the new rock facing is consistent with a landscaping wall replacement.

The addition of approximately 70 large cypress trees, 60 arborvitae trees and many other additional trees and plants have and will improve surface slope stability and erosion control.

**Cobalt Geosciences, LLC**

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