

# Altmann Oliver Associates, LLC

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# AOA

Environmental  
Planning &  
Landscape  
Architecture



April 15, 2024

AOA-7341

Dan Buchser  
dan@macphersonconstruction.com

**SUBJECT: Wetland and Stream Reconnaissance  
5330 Butterworth Road, Parcel 866140-0040  
Mercer Island, WA**

Dear Dan:

On February 1, 2024 I conducted a wetland and stream reconnaissance on the subject property located on Lake Washington utilizing the methodology outlined in the May 2010 *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Version 2.0)*. Although no wetlands were identified on or adjacent to the property during the field investigation, one stream (Stream 1) was observed flowing from west to east along the south property line.

The site is currently entirely developed with a single-family residence, sport court, and associated maintained yard. No intact native or definitive hydrophytic plant communities were observed on the property and a mowed lawn and ornamental groundcover extends to the edge of a rock bulkhead along the shoreline.

Borings taken on the site revealed higher chroma non-hydric soils and there was no evidence of ponding or prolonged soil saturation anywhere in the vicinity of the property above the beach or Stream 1.

### **Stream 1**

Stream 1 is entirely rock-lined and includes a small created pond (see survey). Vegetation within the corridor of the stream consists primarily of plantings associated with the landscaped areas.

The lower portion of Stream 1 is considered a Type F stream by the City that requires a 120-foot buffer and 10-foot structure setback. The upper off-site portion of the stream is considered a Type Np stream that requires a 60-foot buffer and 10-foot structure setback. The small piped portion of the channel requires a 45-foot structure setback that is located entirely within the two stream buffers.



Typical view of rock stream channel with plantings.



View of lawn and ornamental groundcover extending to edge of shoreline.

### **Proposed Project**

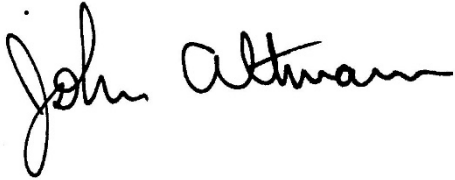
The proposed project consists of the remodel of the existing structure. It is my understanding that as part of the proposal there would be no increase in the size of the house footprint within the buffer. Since all work within the buffer will occur within the existing yard and will be limited to temporary general construction activities including foot traffic, scaffolding, etc., there should be no impacts to the stream or stream buffer.

Dan Buchser  
April 15, 2024  
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If you have any questions, please give me a call.

Sincerely,

ALTMANN OLIVER ASSOCIATES, LLC

A handwritten signature in black ink that reads "John Altmann". The signature is written in a cursive, flowing style.

John Altmann  
Ecologist

# King County iMap



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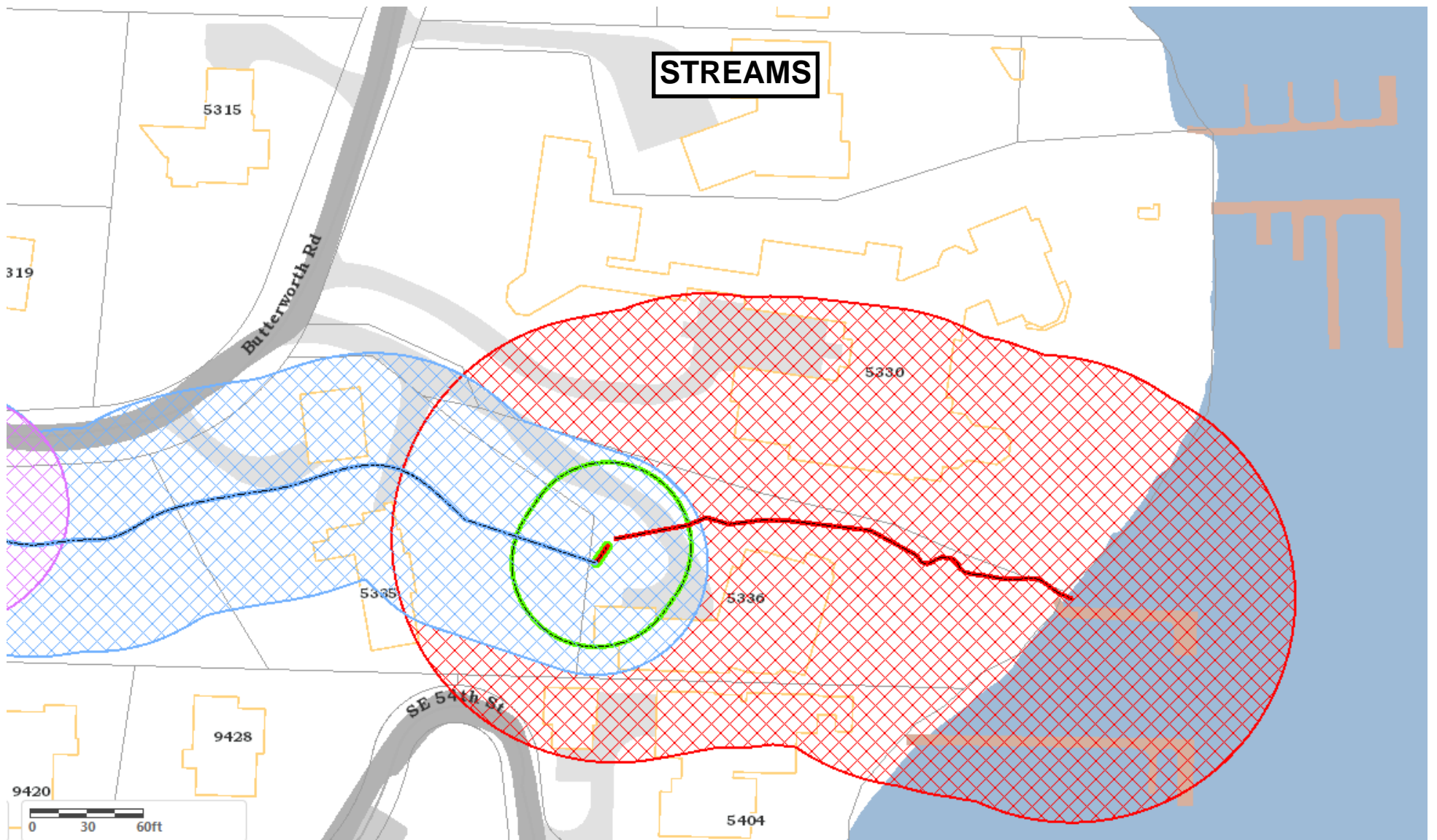
Date: 4/15/2024

Notes:



King County

King County, EagleView Technologies, Inc.



**STREAMS**

Unpiped Watercourse		Watercourse Buffer/Setback	
	Type "F" = Fish		Type "F" = 120-Ft Buffer
	Type "Np" = Non-Fish		Type "Np" = 60-Ft Buffer
	Type "Ns" = Non-Fish Seasonal		Type "Ns" = 60-Ft Buffer
	Type "Np" (Unverified)		Type "Np" Unverified = 60-Ft Buffer
	Type "Ns" (Unverified)		Type "Ns" Unverified = 60-Ft Buffer
			Piped Type F/Np/Ns = 45-Ft Setback