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AOA

Environmental
Planning &
Landscape
Architecture



March 17, 2022

AOA-5016

Marsha Mawer-Olson
marsha@veerarchitecture.com

**SUBJECT: Updated Stream and Wetland Reconnaissance for
3803 NE 155th St., Parcel 674470-1588
City of Lake Forest Park, WA**

Dear Marsha:

On October 6, 2015 I conducted an initial stream and wetland reconnaissance on the subject property 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 site, one stream (Stream 1) was observed flowing from west to east off-site to the south during this initial reconnaissance.

On March 11, 2022, AOA conducted a second reconnaissance to confirm that site conditions had not changed. Based on this second site review there are still no wetlands on the property and the stream was observed flowing from west to east off-site to the south.

The northern portion of the site is developed with a small abandoned house and associated detached garage and parking pad. An historically graded steep hill-side slopes down from north to south in the southern portion of the site. The area between the top of the slope and the existing old house consisted primarily of Himalayan blackberry (*Rubus armeniacus*) and Japanese knotweed (*Reynoutria japonica*).

Stream 1 is located within an average four-foot wide well-defined channel at the bottom of the ravine. Vegetation within the bottom of the ravine was forested and included big-leaf maple (*Acer macrophyllum*), black cottonwood (*Populus trichocarpa*), hazelnut (*Corylus cornuta*), Indian plum (*Oemleria cerasiformis*), English ivy (*Hedera helix*), and laurel. No hydrophytic plant communities were observed.

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The small pond indicated on the initial topographic survey as located along the stream channel no longer exists. It appears that the dam to the pond has been removed and the outlet now flows freely. The downstream gradient further off-site to the southeast becomes steep and appears to preclude any potential upstream fish migration.

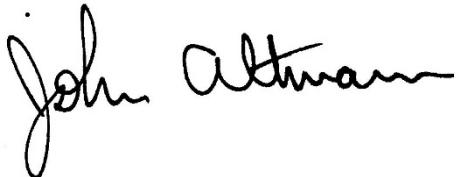
The stream on the site is mapped as a Type N stream on the WA Department of Natural Resources Forest Practices Application Review System (FPARS), apparently due to the steepness of the downstream gradient. Type N streams do not provide fish habitat. Since the stream was flowing slightly during the initial October field investigation, it is likely that it would be considered perennial.

Perennial non-fish streams in the City of Lake Forest Park are also considered Type Np streams and require a standard 50-foot buffer per LFPMC 16.16.355.A.3 and a an additional 15-foot structure setback per LFPMC 16.16.355.F.

If you have any questions regarding the updated reconnaissance, please give me a call.

Sincerely,

ALTMANN OLIVER ASSOCIATES, LLC

A handwritten signature in black ink that reads "John Altmann". The signature is fluid and cursive, with "John" on the top line and "Altmann" on the bottom line.

John Altmann
Ecologist

Attachments

King County iMAP



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Date: 3/17/2022

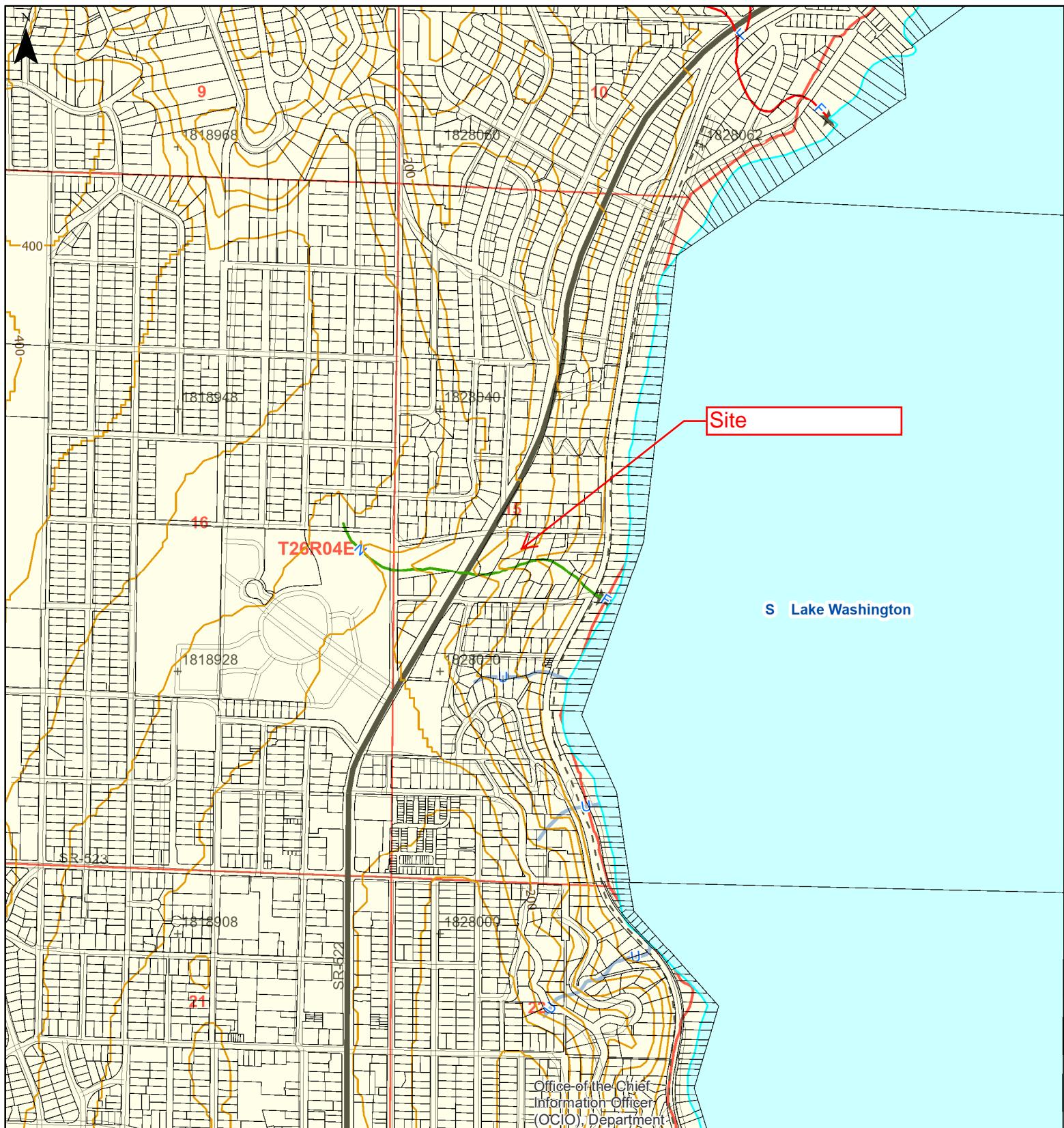
Notes:

King County, Eagle-View Technologies, Inc.



King County

Forest Practices Water Type Map



Map Symbols	Additional Information	Legal Description
<ul style="list-style-type: none"> ~~~~ New Stream ~~~~ Proposed Water Type ~~~~ Stream Removal ~~~~ Break between water types ~~~~ Start and End Point of Surveyed Reach ~~~~ Natural Fish Barrier ~~~~ Manmade Barrier ~~~~ End of Fish or Last Fish 		S15 T26.0 N R04.0 E
WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES	<p>Extreme care was used during the compilation of this map to ensure its accuracy. However, due to changes in data and the need to rely on outside information, the Department of Natural Resources cannot accept responsibility for errors or omissions, and therefore, there are no warranties that accompany this material.</p>	<p>0 0.25 Miles</p> <p>Date: 3/17/2022 Time: 2:09:40 PM</p>