

## Sewall Wetland Consulting, Inc.

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November 2, 2021

Rob Maguire  
7643 SE 72nd Place  
Mercer Island, Washington 98040

RE: Parcel #5454000060 – Critical Areas Report  
SWC Job#21-185

### 1.0 INTRODUCTION

This report describes our observations of any jurisdictional wetlands, streams and buffers on or within 200' of Parcel #5454000060 located at 7643 SE 72nds Place, in the City of Mercer Island, Washington.



Above: Vicinity Map



*Above: 2019 aerial photograph of the site.*

The site consists of a 12,841sf parcel with an existing single family home and landscaped area located in the SE  $\frac{1}{4}$  of Section 25 Township 24 North, Range 4 East of the W.M.

## **METHODOLOGY**

Ed Sewall of Sewall Wetland Consulting, Inc. inspected the site on October 27, 2021.

The site was reviewed using methodology described in the *Washington State Wetlands Identification Manual* (WADOE, March 1997). This is the methodology currently recognized by the City of Mercer Island and the State of Washington for wetland determinations and delineations. The site was also inspected using the methodology described in the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory, 1987), and the *Western Mountains, Valleys and Coast region Supplement* (Version 2.0) dated June 24, 2010, as required by the US Army Corps of Engineers.

## **OBSERVATIONS**

### *Existing Site Documentation.*

Prior to visiting the site, a review of several natural resource inventory maps was conducted. Resources reviewed included the King County iMap critical areas mapping, National Wetland Inventory Map, City of Mercer Island Critical area mapping, and the WADNR Fpars stream mapping website..

### **City of Mercer Island Critical Areas Mapping**

According to City of Mercer online mapping website with wetland and stream layers activated, there is a stream that starts in the center of the backyard on the site and flows to the west.



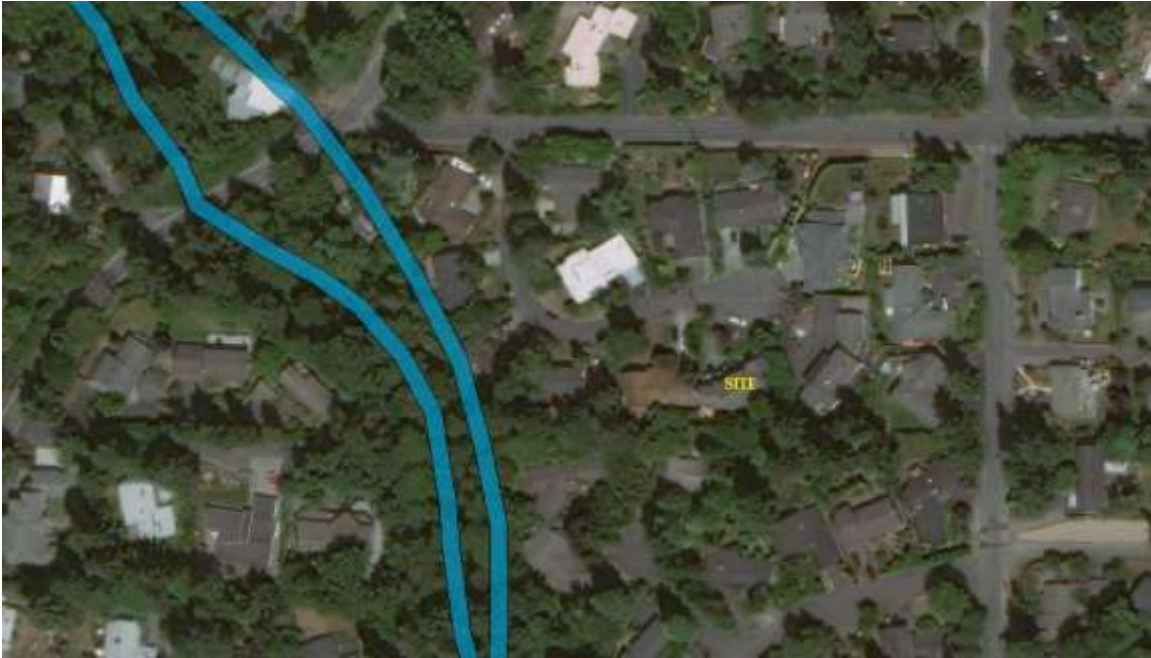
*Above: City of Mercer Island mapping of wetlands and streams on or near the site.*

### **King County iMap**

King County iMap with wetland and stream layers depicts no wetlands or streams on or near the site (see aerial image page 2 of this report).

### **National Wetlands Inventory (NWI)**

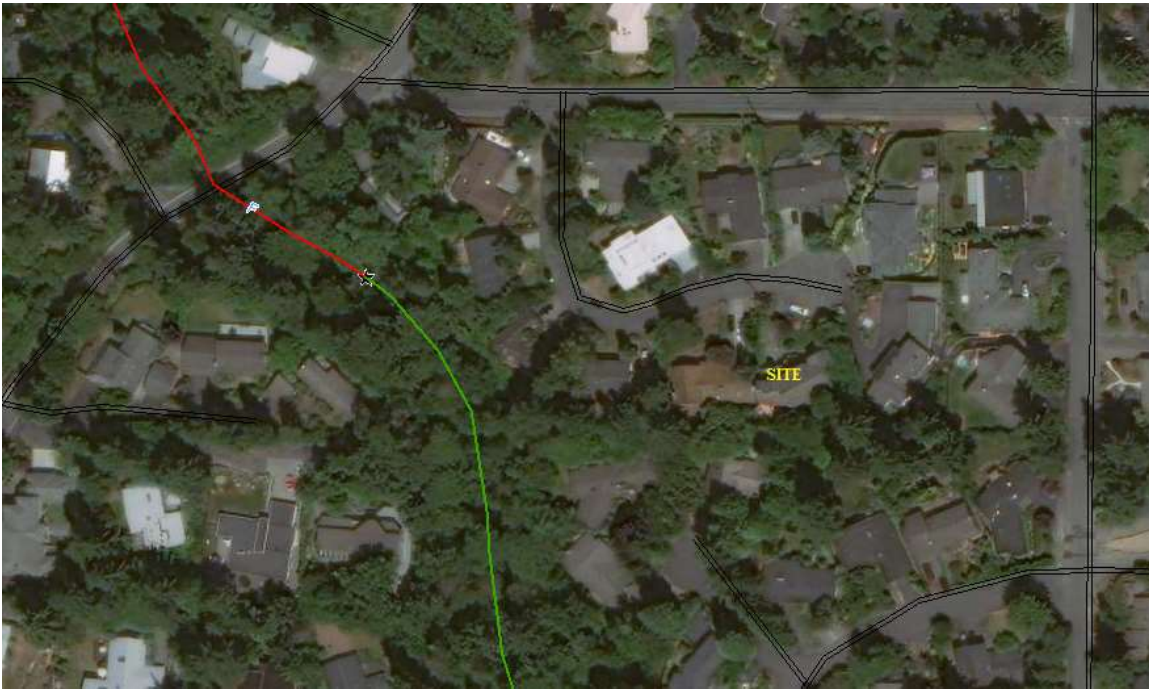
The NWI map depicts no wetlands or streams on the site. The closest stream mapped is approximately 300' west of the site.



*Above: NWI Map of the study area*

### **WDNR Fpars Water Type Map**

According to the WDNR Fpars website which depicts known streams, there are no streams on or near the site. The closest stream is mapped approximately 300' west of the site.



*Above: WDNR Fpars Water Type Mapping of the site*

### **Field observations**

As previously described, an existing single family is located on the site with associated paved driveway and landscaped areas. The back yard south of the home is a landscaped play area and lawn. There is no wetland or stream channel present. We inspected the site to the south of the parcel which is lawn and there is also no wetland or stream in this area.

We could observed the 2 abutting lots to the west (7625 & 7635) from which extends just over 200' west of the site and could clearly see that the area is just landscaped lawns with no wetlands or streams present. If the stream that the city maps depict on the site exists at all, it must start at least 200' west of the site, similar to that shown on the WDNR Fpars mapping shown at the top of this page.



*Above: looking west from the site across parcels at 7625 & 7635 SE 72nd Place. No stream channel is present on either of these parcels nor the site itself.*



*Above: Area on the south side of the site, no stream channel is present.*

## **Conclusion**

No wetlands, streams or buffers of wetlands or streams are present n the site. The stream depicted on the City inventory mapping is clearly erroneous and the stream does not exist.

If you have any questions in regards to this report or need additional information, please feel free to contact me at (253) 859-0515 or at [esewall@sewallwc.com](mailto:esewall@sewallwc.com) .

Sincerely,  
*Sewall Wetland Consulting, Inc.*

A handwritten signature in black ink on a light yellow background. The signature is cursive and appears to read "Ed Sewall".

Ed Sewall  
Senior Wetlands Ecologist PWS #212

## **REFERENCES**

Mercer Island Municipal Code

Cowardin, L., V. Carter, F. Golet, and E. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service, FWS/OBS-79-31, Washington, D. C.

Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1. U. S. Army Corps of Engineers Waterways Experiment Station, Vicksburg, Mississippi.

Muller-Dombois, D. and H. Ellenberg. 1974. Aims and Methods of Vegetation Ecology. John Wiley & Sons, Inc. New York, New York.

Munsell Color. 1988. Munsell Soil Color Charts. Kollmorgen Instruments Corp., Baltimore, Maryland.

National Technical Committee for Hydric Soils. 1991. Hydric Soils of the United States. USDA Misc. Publ. No. 1491.

Reed, P., Jr. 1988. National List of Plant Species that Occur in Wetlands: Northwest (Region 9). 1988. U. S. Fish and Wildlife Service, Inland Freshwater Ecology Section, St. Petersburg, Florida.

Reed, P.B. Jr. 1993. 1993 Supplement to the list of plant species that occur in wetlands: Northwest (Region 9). USFWS supplement to Biol. Rpt. 88(26.9) May 1988.

USDA NRCS & National Technical Committee for Hydric Soils, September 1995. Field Indicators of Hydric Soils in the United States - Version 2.1