

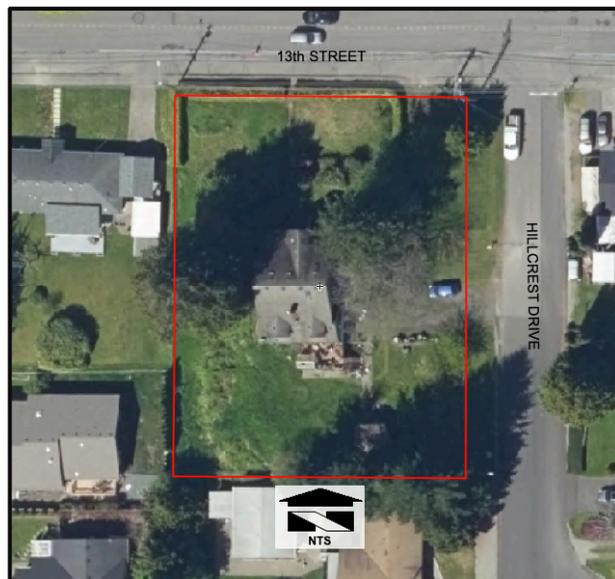


April 20, 2020

Kevin Shinn  
731 2<sup>nd</sup> Street  
Snohomish, WA 98290

**RE: Reconnaissance Report for Snohomish County Tax Parcel 00487700001401**

Wetland Resources, Inc. (WRI) performed a site investigation on April 14, 2020 to locate jurisdictional wetlands and streams on and in the vicinity of the aforementioned Snohomish County tax parcel. The subject site is located at 805 13<sup>th</sup> Street within the City of Snohomish Washington. The Public Land Survey System (PLSS) locator for the subject property is Section 07, Township 28, Range 06, W.M.



Aerial view of subject property.

The .54-acre investigation area is developed with a single-family residence. Surrounding land use generally consists of high-intensity residential development. Topography is flat on the majority of the site with what appears to be a moderate fill slope along its western border. Vegetation on-site consists of residential landscaping including mowed lawn on its flat portion, Himalayan blackberry (*Rubus armeniacus*) on the slope and reed canarygrass (*Phalaris arundinacea*) at the toe of the slope.

No wetlands or streams were identified on-site. The closest regulated feature is Blackman's Lake Creek located approximately 300 feet west of the subject property.

## **REVIEW OF EXISTING INFORMATION**

Before conducting the site investigation, public resource information was reviewed to gather background information on the subject property and the surrounding area in regards to wetlands, streams, and other critical areas. These sources include the following:

- Snohomish County PDS Portal: This resource does not depict any wetland or stream features on-site. The closest mapped feature is a fish-bearing stream (Type F), Blackman's Lake Creek, located 300 feet to the west of the western property line. This stream flows south from Blackman's Lake.
- United States Fish and Wildlife Service (USFWS) National Wetlands Inventory: This resource does not map any features on-site. The closest mapped wetland is a riverine wetland located in approximately the same location of Blackman's Lake Creek as mapped by Snohomish County, approximately 300 feet west of the western property corner.
- USDA/NRCS Web Soil Survey: The Web Soil Survey indicates that the subject site is underlain by Tokul gravelly medial loam (0 to 8 percent slopes).
- Washington Department of Fish and Wildlife (WDFW) SalmonScape Interactive Mapping System: This resource does not depict any streams on site. The closest mapped fish-bearing stream is Blackman's Lake Creek which matches the same location as depicted by Snohomish County.
- WDFW Priority Habitat and Species (PHS) Interactive Map: The PHS Interactive Map does not depict any priority habitats or species on site. The closest mapped features are wetlands located along with the southern extent of Blackmans Lake, approximately 480 feet to the north of the northern property line.
- Forest Practices Application Mapping Tool (FPAMT): This resource does not depict any stream or wetland features on-site. The closest mapped feature is Blackman's Lake Creek. This resource maps this stream as a Type F.

## **METHODOLOGY AND RESULTS**

The Washington State Department of Ecology document *Determining the Ordinary High Water Mark for Shoreline Management Act Compliance in Washington State* (Anderson et al. 2016) was used to determine the presence of any streams on the subject site.

Wetland areas were determined using the routine determination approach described in the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region (Version 2.0)* (U.S. Army Corps of Engineers 2010). Under the routine methodology, the process for making

a wetland determination is based on three steps:

- 1) Examination of the site for hydrophytic vegetation (species present and percent cover);
- 2) Examination of the site for hydric soils;
- 3) Determining the presence of wetland hydrology

### **NON-WETLAND SITE CONDITIONS**

As mentioned above, the site is dominated by plant species typically found within developed residential lots (lawn and ornamental shrub species). Dominant plant species include common dandelion (*Taraxacum officinale*; FACU), hairy cat's ear (*Hypochaeris radicata*; FACU), and clover species (*Trifolium spp.*; FACU). Along the westernmost portion of the site are areas of reed canarygrass (*Phalaris arundinacea*; FACW), creeping buttercup (*Ranunculus repens*; FAC), and Himalayan blackberry (*Rubus armeniacus*; FAC).

On-site soils are typical of non-wetland soils. Soils consisted of a Munsell color of dark brown (10YR 3/3) in the upper layer (0 - 6 inches below soil surface) and dark yellowish brown (10YR 3/4) in the lower layer (6 to 12 inches). The soils were generally a silt loam texture and were dry at the time of our April 14, 2020 site investigation.

Based on the lack of field indicators, it appears that the site is not saturated in the upper portion of the soil profile for more than 2 weeks during the early growing season, thereby not fulfilling wetland hydrology criteria.



Photo of the western property boundary looking north

## **USE OF THIS REPORT**

This Wetland and Stream Reconnaissance Report has been prepared for Kevin Shinn to assist with identifying on-site and nearby critical areas as required by City of Snohomish. This report is based largely on readily observable conditions and, to a lesser extent, on readily ascertainable conditions. No attempt has been made to determine hidden or concealed conditions.

The laws applicable to critical areas are subject to varying interpretations and may be changed at any time by the courts or legislative bodies. This report is intended to provide information deemed relevant in the applicant's attempt to comply with the laws now in effect.

This report conforms to the standard of care employed by ecologists. No other representation or warranty is made concerning the work or this report and any implied representation or warranty is disclaimed.

*Wetland Resources, Inc.*



Hailey Starr  
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