

Racheal Villa
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Wed, Aug 14, 3:56 PM (3 days ago)

to me, ProjectTeam

Dear Denise,

On July 3, 2019, Soundview Consultants (SVC) completed a wetland and stream delineation and assessment of fish and wildlife habitat of the 20.26-acre property located at 12000 Courter Lane Northwest in Poulsbo, Washington (Kitsap County Tax Parcel Numbers 102501-4-002-2004, 102501-4-001-2005). The findings of field work are depicted on the attached figure and summarized below:

- Onsite Wetlands— Two depressional wetlands were identified bisecting the subject property from north to south. The larger of the two, the northern wetland, spans both parcels (Wetland A) and the eastern boundary of Wetland A was delineated along the same line as an onsite seasonal stream. Wetland A consists of two ponds connected by a low-sloping culvert through an upland berm. Vegetation observed in Wetland A included *Alnus rubra*, *Spiraea douglasii*, *Rubus armeniacus*, *Juncus effuses*, and *Phalaris arundinacea*. Wetland A showed evidence of secondary hydrology indicators and, as such, wetland hydrology should be assumed present for wetland delineation purposes; however, presence or absence of wetland hydrology for the entirety of Wetland A can be confirmed during the appropriate season if necessary. There is no natural stream channel outlet between the ponds/ Wetlands A and B. Immediately downslope of Wetland A, two culverts leading through a second upland berm both outlet to a third pond (Wetland B) on the southern portion of the subject property. Wetland B is located on a bench adjacent to Stream Y (see description of “Streams” below). Vegetation observed in and around Wetland B include *Rubus spectabilis*, *Carex sp.*, *Oplopanax horridus*, *Veronica Americana*, *Thuja plicata*, *Alnus rubra*, and *Rubus armeniacus*. Wetland B showed evidence of hydrology in all portions of the wetland. Wetland B appears to receive water flow/hydrology from multiple directions and seasonal flows appear to proceed offsite to the south. Based on our preliminary wetland ratings, these wetlands are both mostly likely Category III wetlands. Category III wetlands in Kitsap County are subject to a 110-foot buffer for “moderate-intensity” land use type (agricultural use or single family residential use on properties larger than one acre in size is defined as “moderate-intensity”). However, should Kitsap County deem the land use type for hosting events as a “High-impact” land use type, then, the Category III wetlands would be subject to protection by a modified 150-foot wetland buffer. The attached map depicts both scenarios for 110- foot and 150-foot buffers, with the 150-foot buffer line shown as coincident with the onsite stream buffer for Barker Creek.

- Streams— The Ordinary High Water (OHW) for Barker Creek was delineated onsite and identified during this assessment as two different water body types due to the existing conditions. A potential “Type F” water was identified in the northern portion of the subject property spanning both parcels and coincident with Wetland A’s eastern boundaries. The northern portion of Barker Creek (delineated with flags Z1- Z18) “ Stream Z “ was identified from evidence of some eroded bank features with a mucky channel bottom with sporadic skunk cabbage in the channel bottom and average channel width is approximately 3 to 5 feet. No gravel is present along the channel, and there is no obvious sorting of bed material. No water present in the channel, however, it could be considered a seasonal stream with potential offsite connectivity to habitat in the north, upstream. We looked at the area offsite and upgradient of the ponded areas and could not confirm connectivity to upstream mapped portions of Barker Creek; therefore, evidence of seasonal flows was used in mapping OHW. Barker Creek is mapped onsite by WDFW and DNR as a Type F “Fish-Bearing” stream and is therefore subject to a 150-foot buffer from the edge of the OHW. Barker Creek is mapped as connecting to a lake upstream and would be considered potential seasonal fish habitat with potential connectivity to upstream areas during seasonally high water. The southern portion of Barker Creek (delineated with flags Y1-Y5) “Stream Y” appears to receive seasonal flow from Stream Z and flows would then proceed offsite to the south. Stream Y begins immediately downgradient of the culvert outlet for Wetland A/ Stream Z. Stream Y appears to be a potential “Type Ns” water body with no potential fish habitat observed onsite. Scoured gravel material is located immediately beneath the culvert outlet and gravels become sparse downstream. Stream Y contains eroded bank features with a mucky channel bottom and some skunk cabbage in the channel bottom. Channel width approximately 2 to 3 feet. Stream Y appears to continue offsite to the south. Stagnant water present in channel – likely seasonal stream without fish habitat “Type Ns” water body is subject to a 50-foot buffer. Washington Department of Fish and Wildlife identifies onsite portions of Barker Creek as being used by cutthroat trout (*Oncorhynchus clarki*) for migration.

Besides Wetlands A and B and Streams Z and Y, no other potentially regulated water bodies were identified during the assessment. An existing gazebo is located within the stream and wetland buffers and a proposed event space is located on cleared uplands, pasture lands, along the outer stream and wetland buffer edges. The project proposes temporary access of these existing improvements during a maximum of eight (8) annual events. It is my understanding, based on conversations with you, that no additional clearing of vegetation, no permanent structures (other than the existing gazebo) and no grading of soils, nor other disturbances to the wetlands and streams and associated buffers is proposed.

No further critical areas associated with wetlands or streams or special habitat features were identified during the site assessment.

Please let me know if you have questions.

Racheal Villa

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